2024-2025

UNDERGRADUATE

and

GRADUATE

CATALOG

717 Frederica Street
Owensboro, Kentucky 42301-3023
Telephone: (270) 685-3131 or 1-877-BRESCIA
www.brescia.edu

06/2024

ACADEMIC CALENDAR

Fall 2024	**2024-2026 Academic Calendar**	**Fall 2025**
Aug 8	Faculty Workday: Full Faculty/Divisions	Aug 7
Aug 9-11	Orientation	Aug 8-10
Aug 9	Opening Academic Convocation	Aug 8
Aug 12	Fall Semester Begins	Aug 11
Aug 14	University Wide Service Day	Aug 13
Aug 20	Deadline: Drop/Add Semester Class	Aug 19
Sept 2	Labor Day Holiday (No Class Sessions)	Sept 1
Sept 19	Mod 1 Withdraw Deadline with Transcript "W"	Sept 18
Sept 27	Faculty Development Day: No On-Campus Classes	Sept 26
Oct 5	End of Mod 1	Oct 4
Oct 9-11	Fall Break	Oct 8-10
Oct 14	BUOnline Mod #2 Begins	Oct 13
Nov 1	Semester Withdraw Deadline with Transcript "W"	Oct 29
Oct 28	BUOnline Registration for Spring Semester	Oct 27
Nov 4	On-Campus Registration for Spring Semester	Nov 3
Nov 18	Mod 2 Withdraw Deadline with Transcript "W"	Nov 17
Nov 27-29	Thanksgiving Break (No Class Sessions)	Nov 26-28
Dec 2	Reading Day (On-Ground Courses Only)	Dec 1
Dec 3-6	Final Exam Period (On-Ground Courses Only)	Dec 2-5
Dec 7	Fall Semester and Mod 2 End	Dec 6
Spring 2025		**Spring 2026**
Jan 13	Spring Semester Begins	Jan 12
Jan 20	MLK Holiday (No Class Sessions/BU Hosts Community Event 2026)	Jan 19
Jan 21	Deadline: Drop/Add Semester Class	Jan 20
Jan 28	Founder's Day/Winter Convocation	Jan 27
Feb 20	Mod 3 Withdraw Deadline with Transcript "W"	Feb 19
Feb 28	Faculty Development Day: No On-Campus Classes	Feb 27
March 8	BUOnline Mod 3 Ends	March 7
March 10-14	Spring Break	March 9-13
March 17	BUOnline Mod #4 Begins	March 16
March 24	BUOnline Registration for Fall Semester	March 16
March 31	On-Campus Registration for Fall Semester	March 23
April 3	Semester Withdrawal Deadline with Transcript "W"	April 7
April 17, 18, 21	Easter Break (No On-Campus Classes-Offices Closed Friday/Monday)	April 2, 3, 6
April 25	Mod 4 Withdrawal Deadline with Transcript "W"	April 20
April 27	Honors Convocation	April 26
May 2	Reading Day (On-Ground Courses Only)	May 1
May 5-8	Final Exam Period (On-Ground Courses Only)	May 4-7
May 10	Commencement	May 9
May 10	Spring Semester and Mod 4 End	May 9

The Brescia University Reading Day policy is located on page 54 of the University Catalog.

Summer 2025 & 20226	
START 2025: June 2, 2025	**END:** July 26, 2025 Withdrawal Deadline: 7/10/24
START 2026: June 1, 2026	**END:** July 25, 2025 Withdrawal Deadline: 7/9/25
Winter 2024 & 2025	
Winter 2024: Synchronous sessions on M & TH evenings: 12/16 & 12/19, 12/23 & 12/26, 12/30 & 1/2/25, 1/6 & 1/9 **Winter 2025**: Synchronous sessions on M & T evenings: 12/15 & 12/16, 12/22 & 12/23, 12/29 & 12/30, 1/5 & 1/6	
NOTE #1: Full-semester online courses follow the on-ground schedule. **NOTE # 2**: Graduate program dates will vary slightly. Graduate students need to ask Financial Aid (financial.aid@brescia.edu) regarding withdrawal deadlines.	

MBA Program Dates 2024-2025

Term	Session	Start Date	End Date
Fall	One	8/5/24	9/14/24
Fall	Two	9/16/24	10/26/24
Fall	Three	10/28/24	12/7/24
Spring	One	1/6/25	2/15/25
Spring	Two	2/17/25	3/29/25
Spring	Three	3/31/25	5/10/25
Summer	One	5/12/25	6/21/25 (6 weeks)
Summer	Two	5/12/25	7/26/25 (11 weeks)
Summer	Three	6/23/25	7/26/25 (5 weeks)

Drop Date: MBA summer course drop date is the Friday of the first week of class.

MBA Program Dates 2025-2026			
Term	**Session**	**Start Date**	**End Date**
Fall	One		
Fall	Two		
Fall	Three		
Spring	One		
Spring	Two		
Spring	Three		
Summer	One	5/11/26	6/20/26 (6 weeks)
Summer	Two	5/11/26	7/25/26 (11weeks)
Summer	Three	6/22/26	7/26/26 (5 weeks)

Drop Date: MBA summer course drop date is the Friday of the first week of class.

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THE UNIVERSITY

HISTORY

Brescia University originated in 1925 with Mount Saint Joseph Junior College for Women, founded and staffed by the Ursuline Sisters at a location about 15 miles west of Owensboro, Kentucky. Between 1925 and 1950, coeducational extension courses offered in Owensboro by the Ursuline Sisters of Mount Saint Joseph led to the creation of a second campus. In 1950, both campuses were merged and the newly founded Brescia College began operating as a four-year coeducational college in Owensboro. In 1964 the Ursuline Sisters of Mount Saint Joseph granted autonomy to Brescia College (incorporated in Kentucky as Brescia College, Inc., Oct. 13, 1964), and since then ownership and operational control of the University belong to an independent Board of Trustees. While the Ursuline Sisters continue to sponsor Brescia in terms of its mission and in other ways, Brescia College is governed solely by the Board of Trustees. In 1998 the college became Brescia University, an independently supported Catholic coeducational institution offering both undergraduate and graduate degrees.

THE BRESCIA DIFFERENCE

— Respect for the Sacred
— Devotion to Learning
— Commitment to Growth in Virtue
— Promotion of Servant Leadership

VISION

Brescia University will be a moral and intellectual powerhouse, adapting to the needs of the 21st century and beyond.

MISSION

Brescia University is a **Catholic, liberal arts** institution founded in the *Ursuline tradition* of personal and social transformation through education.

Directed to academic and moral excellence in a student-centered environment, Brescia offers undergraduate and graduate programs that serve students who seek success through rewarding **careers** and **service** to others.

PHILOSOPHY

Faithful first to the needs of our students, and in affirmation of the principle of academic freedom and with respect for individual conscience and religious liberty, we welcome students, faculty, and staff of all faiths to share in the Brescia Difference in the pursuit of the vision and mission of our University. With firm conviction in the power of education to shape lives and communities, we identify the key concepts of Brescia University's educational philosophy in the following manner.

1) **Catholic**. As a Catholic institution, Brescia University shares the contemporary church mission to proclaim the gospel, uphold human dignity, participate in God's ongoing creation, and serve others. In fulfilling this ecclesial mission, the University seeks to preserve and enrich the Catholic tradition of dialogue between faith and reason in the pursuit of truth in a manner that is open to and respectful of all faith traditions; to promote **Respect for the Sacred**, especially in human beings; and to promote **Growth in Moral Virtue**. As an Ursuline institution, Brescia University embodies the Ursuline core values of community, leadership, justice, and service and seeks to instill these values in its students. Brescia University provides its students with

- a faith community on campus, including Ursuline Sisters, which serves as a basis for pastoral care
- courses in theology, philosophy, and ministry;
- opportunities to participate in the sacramental life of the Catholic Church on campus;
- opportunities for ecumenical religious expression and growth in personal faith, regardless of denomination; and
- opportunities to prepare for ministerial service within the Catholic Church.

2) **Liberal Arts**. Faithful to the *Ursuline educational tradition* that promotes **Devotion to Learning**, Brescia University provides a quality liberal arts education that shapes the whole person and is characterized by the search for truth and beauty. Those educated in the Catholic intellectual tradition practiced by the followers of Saint Angela Merici* aspire to an independence of spirit, a creative adaptability to change, and an openness to lifelong learning. Thus, Brescia partners with all its members to impart to its students the knowledge, skills, and values befitting a free, educated person. As interrelated elements that enable students to achieve its Educational Outcomes, Brescia University provides its students with

- General Education Requirements that establish a strong foundation for achieving the University's overarching Educational Outcomes;
- Components in all majors that deepen and refine achievement of these University Outcomes and, where appropriate, the General Education Requirement Educational Outcomes; and
- A co-curriculum that complements these liberal arts goals of the General Education Requirements and the majors and that supports the University Educational Outcomes.

3) **Career Preparation**. Career development at Brescia University occurs within academic programs that are in tune with the job market. In addition, academic advisors advise their majors about career opportunities in their field and help prepare them for entry into those careers. Brescia also provides its students with

- Opportunities for practica and internships;
- Preparation and opportunities for graduate school;
- The Career Services Office, which assists students seeking employment or admission to graduate school; and
- Ongoing development and evaluation of academic programs to correspond with employment trends.

Finally, Brescia University enhances the career preparation of its students not only by providing them with a quality liberal arts education, but also by guiding its students in ethical decision making as expressed in the University's **Commitment to Growth in Virtue**. As a result of a Brescia education, graduates will use values-driven critical thinking and creative problem-solving skills in their chosen careers.

4) **Service to Others**. Recognizing that education must include the development of character, Brescia University actively engages in the **Promotion of Servant Leadership**, encouraging students, staff, and faculty to serve, in imitation of Christ, within their professional, personal, and social lives. Since moving to Owensboro in the 1940s, when the Ursuline Sisters began offering coeducational classes at the request of the local community, Brescia University has established a history of serving Owensboro and the surrounding region. In keeping with the Ursuline tradition of service and with the gospel call to a life of witness and service, Brescia University provides

- clubs, class activities, and majors directed to community service;

- support for students, faculty, and staff participation in community and professional organizations.
- campus resources, including personnel and facilities, to serve the community; and
- workshops, speakers, and institutes designed to meet community needs.

THE URSULINE EDUCATIONAL TRADITION

Founded in Italy in 1535 by Saint Angela Merici as a community of women devoted to loving God and doing good works, the Ursuline Sisters soon devoted themselves almost exclusively to education, especially of girls and young women. Across Europe and the United States (and eventually all over the world), "Ursuline" became synonymous with the highest quality of education. Across the centuries, the Ursuline Legacy of Teaching and Learning has continued to be permeated by these values:

- *The focus on the individual*, recognizing that each person is unique and has her/his own diverse gifts and needs.
- *The power of education transforms each person and thus society*, leading to an emphasis on academic excellence as the instrument of that transformation.
- *The commitment to the whole person in need of formative education*, causing Ursuline schools to be centers of learning for all branches of knowledge; ecumenical centers where spiritual faith and moral development are nurtured; and human communities where individual psychological, emotional, and social needs can be nourished. In college and university settings, this attention to the whole person keeps Ursuline higher education committed to the liberal arts.
- *The ability of the creative arts to humanize life*, leading Ursuline schools to balance time devoted to art, music, literature, and other forms of creativity with time spent on practical/professional learning.
- *The importance of service*, causing Ursulines to invite students into active cooperation with their good works among others in need so that students develop attitudes of servant leadership.
- *The concern for diverse populations and the marginalized*, inspiring Ursulines to attend to those excluded by the cultural morés of the time, whether they be the girls of 16th-century Europe; the Native Americans of 17th-century Canada; the African Americans of 18th-century New Orleans; the 19th- and 20th-century rural poor throughout the United States; the "underachievers" upon whom education was thought to be wasted, and the physically or mentally disabled across all centuries; or the working adults today unable to access traditional higher education.
- T*he philosophy that leadership governs through invitation and persuasion, rather than force,* recognizing that God gives free will to every person and that force, while sometimes necessary, should always be the last resort.
- *The centrality of community*, leading to promotion of the common good and training in mutual respect, collaboration, and interpersonal relationships.
- *The gospel imperative to work for justice*, accepting individual and communal responsibility to help build the reign of God on earth, to empower the marginalized, and to use one's God-given gifts to make the world better for one's presence in it.
- *The freedom — indeed the CALL — to adapt and change*, reading the signs of the times as a way to avoid fossilizing the past and to remain open to an as-yet-undreamed-of future.
- *The primacy of Hope*, inviting all those involved in the Ursuline ministries of teaching and learning to trust in the Providence of God and the promise of a better tomorrow.

ACCREDITATION AND AUTHORIZATION

Brescia University is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, and master's degrees. Brescia University also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Brescia University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

Brescia University's Bachelor of Social Work (BSW) and Masters in Social Work (MSW) programs are accredited by the Council on Social Work Education (CSWE).

All of Brescia University's Teacher Education programs are accredited by Kentucky's Education Professional Standards Board (EPSB).

Brescia University is a member of the National Council for State Authorization Reciprocity Agreements (NCSARA).

Brescia University's Master of Science (M.S) in Speech-Language Pathology program is a Candidate for Accreditation by the Council on Academic Accreditation in Audiology and Speech-Language Pathology (CAA) of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-269-5700. This is a "pre-accreditation" status with the CAA, awarded to developing or emerging programs for a maximum period of five years.

CAMPUS

Brescia University is situated on fifteen acres in the heart of downtown Owensboro, Kentucky. Among the facilities on campus can be found The Roberts' Center for the Sciences, which houses up-to-date labs and classroom space; the newly renovated Moore Campus Center, which houses dining, study, recreational, and athletic facilities; a chapel; Bartholomy-Taylor Hall, which houses offices and classrooms; the Father Leonard Alvey library, ideal for group or independent study and research; and apartment-style residential housing accommodations. The campus arts facilities include the 57-seat Little Theatre, a ceramics lab, art studios, and music rooms. The newly completed C.E. Field Center for Professional Studies houses the Marilyn Younger Conley School of Social Work, the William H. Thompson School of Business, the School of Education, the Anna Seaton Stout Art Gallery, the Roberts Executive Board room, student study/meeting spaces, a prayer room, a 150-seat Duffy Auditorium, and a technology center.

Recreational facilities include a gymnasium, weight room, aerobics and cardio workout room, walking track, and tennis recreational courts. Student gathering areas abound on campus and University buildings are accessible to persons with disabilities. Kamuf Park, the University's outdoor sports complex, is located approximately five miles from Brescia's campus and serves as a home field for the baseball, softball, and soccer teams.

The computer network links all office and classroom buildings, the library, Merici and Saffer Halls, the student apartment complexes, and other housing locations; wireless access is campus-wide. Multimedia classrooms throughout the campus provide internet access and PowerPoint presentation facilities to large and small groups.

Online courses in general education and courses in some online majors are available year-round.

THE COMMUNITY

Brescia University is located in Owensboro, Kentucky, on the Ohio River. With a metropolitan population of slightly over 60,000, Owensboro is easily accessible from any direction and is served by a local airport. The University campus is within walking distance of the revitalized downtown area, the performing arts center, the public library, the natural science and history museum, the Bluegrass Music Hall of Fame and Museum, and the art museum, as well as numerous restaurants, churches, and parks.

Many Owensboro industries and professional organizations cooperate with Brescia in providing enriching off-campus learning opportunities for students, particularly in the areas of business, education, psychology, social work, speech and hearing, and special education.

ADMISSIONS AND FINANCE

FOR UNDERGRADUATE PROGRAMS

ADMISSION REQUIREMENTS AND PROCEDURES

Brescia University welcomes all applicants who show promise of academic success. The successful Brescia applicant typically possesses the ability and desire to learn and grow in knowledge. Applicants to Brescia University must be high school graduates or holders of GED certificates.

DEFINITIONS

First-Time Undergraduate Student – An undergraduate student who has not previously attended any college or university or who attended college-level courses as a high school student and is currently enrolled for the first time since high school graduation.

First-Time Transfer Student – A degree-seeking student entering the reported institution for the first time but known to have previously attended a post-secondary institution at the same level.

2nd Chance Transfer Student- A student who has not been enrolled in any college for 10 years or more

International Student – Any applicant to whom Brescia University issues a certificate of Eligibility for Nonimmigrant student status under the federal law ACT 101 (a) (15)(F); 8 CFR 214.3 or whose secondary education or post-secondary education language, and/or native language is not English.

Non-Degree Student – Any student who is not pursuing a degree. Non-degree students are allowed to acquire a maximum of twenty-four hours of college credit.

Dual-Credit Student – A high school student who is taking approved Brescia University courses for both high school and college credit, either at their local high school site or on Brescia's campus. Dual-credit students taking Brescia University courses must be rising juniors or seniors at their local high schools.

Veterans – Individuals of military service regardless of past academic performance.

Leave of Absence Student – Continuing Brescia student granted a one-semester/year leave for emergency personal or financial reasons.

FIRST-TIME UNDERGRADUATE STUDENTS

Each applicant must submit:

- *An application for admission and a non-refundable $25 application fee;*
- *An official high school transcript with cumulative grade point average (CGPA) and date of graduation, or official report of GED, HiSET, or TASC scores; and*
- ***Dual Credit Transcripts for Transfer Credits** (if applicable): an official college/ university transcript for any dual-credit courses (high school courses for which the student has also received college credit from an accredited college or university). The high school transcript does not count as the official record of college credit awarded.*
- *Optional: ACT or SAT scores*

Each high school transcript will be evaluated on the basis of a college preparatory curriculum of four (4) units of English, three (3) of mathematics, two (2) of science, and two (2) of social studies. Other subjects strongly recommended include:

- *Foreign language;*
- *Fine arts; and*
- *Computer science.*

First Enrollment Less Than Three Years Out of High School

The Senior Vice President for Enrollment Management may admit an applicant to freshman status who submits an official high school transcript and ACT or SAT scores who successfully meets the following criteria (students who submit GED score, see below for admissions standard):

1. *Have an unweighted accumulated High School Grade Point Average of 2.75 or greater on a 4.0 scale; or*
2. *Score a minimum of 55.0 points using the following formula: High School Grade Point Average (4.0 scale) multiplied by ten plus ACT Composite Score (SAT Total score computed to composite ACT) multiplied by 1.667; and*
3. *Completion of a college preparatory curriculum (See above).*
4. ***Dual Credit Transcripts for Transfer Credits** (if applicable): an official college/university transcript for any dual-credit courses (high school courses for which the student has also received college credit from an accredited college or university). The high school transcript does not count as the official record of college credit awarded.*

Applicants scoring between a 50.0 and a 54.9, or below the minimum standard for students exempt from standardized testing, are individually considered by the Admissions Committee, which may request additional information from the applicant and/or review additional information submitted by the applicant. An applicant who scores a 49.9 or below will automatically be denied acceptance until such time as either their grade point average or standardized test score improves.

For applicants scoring between 50.0 and 54.9, the Admissions Committee may:

- *Grant admission as a regular student; or*
- *Grant admission on a conditional basis, limiting the student to 13 hours; or*
- *Deny admission*.

First Enrollment More Than Three Years after Graduation Date of High School Class

For an applicant whose first enrollment is more than three years after the graduation date of the applicant's high school class, the Senior Vice President for Enrollment Management may admit her/him to freshman status if the applicant successfully meets the following criteria:

1. *Submission of an official high school transcript or GED, HiSET, or TASC scores;*
2. *Grade point average of 2.5 (or above) overall on a 4.0 scale or a GED/HiSET composite of 145 (or above), or TASC scores of 500 (or above); and*
3. *Completion of a college preparatory curriculum (See above*).

For applicants whose grade point average is below a 2.5; or whose GED or HiSET composite is below a 145; or whose TASC score is below 500 in reading, mathematics, science, social studies, and with less than two out of the possible eight points on the writing essay, the Admissions Committee may:

1. *Grant admission as a regular student; or*
2. *Grant admission on a conditional basis, limiting the student to 13 hours; or*
3. *Deny admission*.

The Senior Vice President for Enrollment Management (SVPEM) will notify the applicant in writing of her/his admission status. If the applicant is denied admission, this letter will provide the applicant with the reasons for denial and steps to be followed if s/he wishes to re-apply to the University. An applicant who has been denied admission may appeal the decision in writing to the SVPEM, who will forward the appeal to the Admissions Committee at the next scheduled meeting.

FIRST-TIME TRANSFER STUDENTS

Each applicant must submit:

1. *An application for admission (application is free if completed online)*
2. *An official final transcript from each college where course work was attempted.*

3. *Students are required to indicate the date of their graduation from high school, or the date of completion of the GED exam, on their admission application.*

The Senior Vice President for Enrollment Management may admit an applicant who meets the following criterion:

Has a college cumulative grade point average of 2.0 and above on a 4.0 scale.

An applicant who does not meet the minimum requirements is individually considered by the Admissions Committee, which may request information from the applicant and/or review additional information submitted by the applicant. The Admissions Committee may then:

- *Grant admission as a regular student; or*
- *Grant admission on a conditional basis, limiting the student to 13 hours; or*
- *Deny admission*.

The Senior Vice President for Enrollment Management (SVPEM) will notify the applicant in writing of her/his admission status. If the applicant is denied admission, this letter will provide the applicant with the reasons for denial and steps to be followed if s/he wishes to re-apply to the University. An applicant who has been denied admission may appeal the decision in writing to the SVPEM, who will forward the appeal to the Admissions Committee at the next scheduled meeting.

2nd CHANCE TRANSFER STUDENTS

A student who has not been enrolled in any college for 10 years or more will be given a conditional acceptance to Brescia University. This conditional acceptance will be given no matter the student's past academic scores.

To be considered for the 2nd chance transfer admission program to take up to 12 credit hours a semester. Each applicant must submit:

1. An application for admission (application is free if completed online)
2. An official final transcript from each college where course work was attempted.
3. A detailed personal statement explaining why the student believes they can be a successful college student.

ARTICULATION AGREEMENTS

Brescia University has articulation agreements with the following: the Kentucky Community and Technical College System (KCTCS), Owensboro Community and Technical College, Owensboro Health, Inc., and with the University of Louisville's School of Nursing. The University also has agreements with the theology programs of two area colleges/universities regarding theology coursework. These agreements facilitate the transfer of credit between institutions. Contact the Registrar for articulation information. In addition to these articulation agreements, Brescia University has an exchange agreement with its Owensboro sister institution, Kentucky Wesleyan College.

KCTCS/Owensboro Community and Technical College Agreement

Transferring to Brescia University from one of Kentucky's community and technical colleges (KCTCS), and especially from Owensboro Community and Technical College (OCTC), is simple, using what was formerly termed "the block transfer agreement," that is, an articulation agreement in which, after a mutual review of courses within both institutions, Brescia University accepts from any graduate from a KCTCS with an Associate of Arts or an Associate of Science degree up to 67 credit hours.

A KCTCS Associate of Arts or an Associate of Science degree may satisfy up to forty-eight (48) hours of Brescia University's General Education Requirements (GERs), provided the student completes at least one class in world or global history, modern world language, literature, fine arts, philosophy, and religion. Any of these courses not completed at a KCTCS institution must be completed at Brescia University. In addition, at least six (6) upper-division credit hours (300- or 400-level) of Brescia's General Education courses must be completed as part of the student's free electives for a baccalaureate degree.

An Associate of Applied Science (AAS) degree from KCTCS, may transfer up to 77 credit hours into a BS in Agricultural Business or Integrated Studies. Any general education courses not completed through KCTCS must be completed at Brescia University, including 3 credit hours of upper division general education courses. Interested students should contact the Transfer Center (transfer@brescia.edu) for further details on the AAS transfer agreement.

Within the broader KCTCS articulation agreement, narrower articulation agreements regarding specific academic programs have been developed with Owensboro Community and Technical College (OCTC), specifically regarding business and theatre. Other such discipline-specific agreements are in process.

Vincennes University-Associate of Science in Social Work and Bachelor of Social Work

The agreement provides a framework for the transfer of credits earned in the Associate of Science in Social Work degree at Vincennes University to the Bachelor of Social Work degree at Brescia University. A listing of course equivalencies, course requirements for the Associate degree, and course requirements of the Baccalaureate degree have been created to guarantee transfer of 61 hours from the Associate degree to the Baccalaureate degree. Details of the agreement are available to students by contacting the Program Director of the Bachelor of Social Work program: 270-685-3131.

CIC Online Course Sharing Consortium (CIC-OCSC)

The CIC Online Course Sharing Consortium (CIC-OCSC), through an agreement with Acadeum, facilitates online course sharing among CIC members. The CIC agreement ensures courses shared with Brescia University (home institution) and teaching institutions share similar curricular goals, philosophies of education, standards of academic quality, and a commitment to the liberal arts and are approved in advance by BU faculty. Courses taken through the Acadeum platform are considered institutional credit and impact student GPA and graduation requirements the same way BU courses do.

1) If enrolled as an on-ground student, students must take courses required for their degree in the on-ground format if available at Brescia University.
2) If enrolled as an on-ground student and a course required for their degree is only offered online by Brescia University, students must take the course through Brescia University in the online format.
3) If enrolled as an online student, students must take course through Brescia University if offered in the online format.
4) Students may take no more than 1/3 of major requirements through transfer, Consortium, or non-traditional credit.

5) A student can apply no more than 86 hours of transfer, Consortium, or non-traditional credit toward a bachelor level degree and no more than 42 hours of transfer, Consortium, or non-traditional credit toward an associate level degree.
6) All registrations are dependent on BU approval on a student by student basis.

Exceptions to Articulation Agreements

Certain majors may require specific courses within the GER; such requirements will take precedence over articulation agreements. Students should consult the major requirements described in the Academic Programs section of the *Brescia University Catalog* (http://www.brescia.edu/university-catalog).

In addition to these more broad-based articulation agreements, Brescia University has other articulation or affiliation agreements that assist Brescia students. Because they relate to current rather than new incoming Brescia students, they are described later on in this catalog.

TRANSFER CREDITS

To meet its General Education requirements (GER), Brescia University accepts any course that is a general education course at Brescia University *OR* a general education course at a regionally-accredited school that the student attended, as long as the course falls within one of the five broad categories of Brescia's General Education courses. Responsibility for verifying GER status lies with the BUOnline/Transfer advisor and/or the University Registrar, with Area Coordinators in the discipline consulted as needed. This transfer policy does not change any GER specific to a particular degree.

Courses with a grade below a "C" are not accepted as transfer credit courses. A transfer student with a "D" in the first course of a required two-course sequence and a "C" or higher in the second course must retake the first course unless s/he is able to demonstrate competency; if so, the requirement will be waived.

Only 67 credit hours from a community college may be applied to the baccalaureate degree (with the exceptions noted above from KCTCS for AAS students).

NOTE: Transfer students hoping for academic honors at graduation, see *honors section*, for details.

For currently enrolled Brescia students, Brescia will accept as transfer credits earned during the Christmas break *only* one (1) 3-credit-hour course, provided students obtain an advisor-signed "Transfer of Credits Authorization Form" prior to taking the class. Summer courses taken elsewhere prior to the last 30 hours of the degree (residency requirement) must use the same authorization form for credit transfer. All accepted transfer credits will be used in determining SAP eligibility for Student Aid.

INTERNATIONAL STUDENTS

Brescia University is authorized under federal law to enroll non-immigrant alien students, under ACT 101 (a) (15) (F); 8 CFR 214.3. International applicants should apply for admission well in advance of the semester in which they wish to enroll. In general, applicants will be admitted only after they have documented that they have acceptable academic credentials, are competent in English, and can verify that they have access to funds sufficient to meet the costs of completing their studies.

To be considered for admission, the international student must submit:

1. *An application for admission* (application is free if completed online)
2. *Official transcripts evaluated by the World Educational Services or AACRAO International Education Services from high school and college (if applicable); and*

3. *An official score from the Test of English as a Foreign Language (TOEFL), or a score from International English Language Testing System (IELTS) If the student's native language is English, the student should contact the Office of Admissions for the appropriate examination to be completed (ACT or SAT).*

The Senior Vice President for Enrollment Management may admit to the degree program an international student who meets the following criteria:

1. *An equivalent cumulative GPA of 2.5 on a 4.0 scale on the high school level or 2.0 on a 4.0 scale for the college level (if applicable); and*
2. *A TOEFL score of 550 or above on the written test or 213 or above on the computer-generated test, or 79 or above on the internet-based exam; or an IELTS score of 6.5 or above; or ACT composite of 18 (or above); or SAT composite score of 960 (or above).*

An applicant failing to meet the minimum admission requirements is individually considered by the Admissions Committee, which may request information from the applicant and/or review additional information submitted by the applicant. The Admissions Committee may then:

1. *Grant admission as a regular student; or*
2. *Grant admission on a conditional basis, limiting the student to 13 hours; or*
3. *Deny admission*.

The Senior Vice President for Enrollment Management (SVPEM) will notify the applicant in writing of her/his admission status. If the applicant is denied admission, this letter will provide the applicant with the reasons for denial and steps to be followed if she/he wishes to reapply to the University. An applicant who has been denied admission may appeal the decision in writing to the SVPEM, who will forward the appeal to the Admissions Committee at the next scheduled meeting.

I-20, Transcript Evaluation, and Enrollment for International Students: To receive an I-20 form, a federal form that allows the applicant to apply for a student visa, to have the Registrar evaluate any transfer credit, and to enroll in classes, the international applicant must submit the following to the Senior Vice President for Enrollment Management:

Official Statement of Financial Ability and/or a bank authorization certifying sufficient funds to meet study costs for an academic year

NON-DEGREE STUDENTS

Individuals who wish to study at Brescia but not follow a degree program may enroll for courses without following standard application procedures. No transcript is needed. Such students need only complete an application for admission. If the individual later decides to pursue a degree, s/he must follow the procedures outlined for regular admission. Non-Degree students are limited to a maximum of twenty-four (24) credit hours of enrollment. Permission to extend this limitation may be obtained in writing from the Vice President of Academic Affairs.

There are six general categories of non-degree students:

- ***Transients*** *– Students in good standing at another college taking one or more course(s) to transfer to the home institution. A Transient/Visiting Student Form from the home institution should be submitted to the Registrar.*
- ***Post-Graduate*** *– Students taking undergraduate work after graduation.*
- ***General Non-Degree*** *– Students taking courses for credit but not subject to standard admissions requirements because they are not pursuing a degree/certification.*

- ***Auditors*** *– Students enrolled on a non-credit basis but paying half tuition (undergraduate courses; Auditing graduate courses is at the discretion of the graduate program).*
- ***Senior Citizens*** *– Persons age 65 or older who may study in the traditional on-campus programs as a non-matriculating students with tuition remission.*
- ***Pre-Baccalaureate Certificate*** *– Students enrolled in courses that award a certificate upon completion.*
- ***Post-Baccalaureate Certificate*** *– Students enrolled in post-baccalaureate certificate programs must provide all transcripts from prior institutions and meet designated GPA requirements.*

BUONLINE STUDENTS: Students beginning their studies through BUOnline programs must meet the criteria listed for their respective status (e.g., first time transfer, non-degree), ***plus*** the criteria related to their relevant degree. These criteria are outlined in the appropriate Academic Programs and Course Description sections of this *Catalog.*

VETERANS

Brescia University will offer admission to individuals of military service regardless of past academic performance if they

1. *were honorably discharged and provide Brescia University DD-214;*
2. *provide to Brescia University a Certificate of Eligibility (COE) for entitlement to educational assistance under chapter 31 or 33 (a "Statement of Benefits" obtained from the Department of Veterans Affairs'[VA] website – eBenefits, or a VA Form 28-1905 form for chapter 31 authorization purposes can substitute for a COE); and*
3. *have a high school diploma or GED.*

Veterans who are admitted without college transcripts will still need to provide them if they plan on using VA education benefits at Brescia University.

Veterans are allowed to register early each semester at the same time as seniors, prior to all other students.

STUDENTS ON LEAVE OF ABSENCE

If a Brescia student finds it necessary to interrupt her/his studies for a short time, a one-semester Leave of Absence (LoA) may be granted that allows the student to remain connected to Brescia University and keep an active Brescia email account. In rare circumstances that can be extended to a full academic year. Reasons for a Leave must be serious, such as military deployment, major personal or family health emergencies, a major accident, or a sudden financial emergency. Students obtain permission from the Vice President for Academic Affairs or Associate Vice President of Academic Affairs. Students wishing to be granted a Leave should obtain the form from their academic advisors.

There is no charge to be registered for a Leave of Absence.

In the event of a conflict between written policies of Brescia University set out in this *Catalog* and any oral statements made by any agent or employee of Brescia University, the written policy shall control.

EXPENSES

In calculating the expense of attending Brescia University, the student should consider the great variety and large amounts of available financial aid that bring a private university education within the reach of most students.

BASIC EXPENSES PER SEMESTER

(Effective May 1, 2024– subject to change without notification. Updated fees may be found in the Schedule of Classes.)

Tuition for Full-Time Students/semester (12–18 credit hours)..... $15,250
Tuition per credit hour over 18 credit hours per semester..... $700
Tuition per credit hour for Part-time Students..... $700
Tuition per credit hour for Summer Undergrad (non BUOnline Student)..... $325
Tuition per credit hour for Winter (Christmas) Term..... $450
Tuition for Full-Time Med Tech (after course completion) per semester..... $700
Dual Enrollment – High School Students (3-credit course)..... $TBD
Room and Board per semester (varies with type and size of room)..... $5,400
Class/Lab fees..... vary per course
Technology fee for Full-Time students per semester (enrolled in 6+ credit hours)..... $350
Activity fee for Full-Time students per semester..... $175
Orientation fee (New students – first semester only)..... $250
Graduation fee..... $100*
*Challenge exam fee per credit hour**..... ⅓ of Undergraduate Credit-Hour Rate*
Audit fee per credit hour..... ½ Part-Time Credit Hour Rate

A deposit of $100 is required from all first-time students with their application. This deposit is non-refundable after May 1 and will be applied to the student's account if s/he attends Brescia University.

*If a student does not graduate within 18 months after applying for the degree, the student must re-apply and pay the fee.

**For Challenge Exams, the student must pay a non-refundable fee of $100 to the Business Office PRIOR to taking the exam. Upon successful completion of the exam, the student must pay the balance of the Challenge Exam fee (⅓ of undergraduate credit-hour rate). No credit will be given for successful completion until the full amount is paid.

TEXTBOOKS FOR BRESCIA CLASSES

Course books are available for purchase through the Brescia University online bookstore and should be obtained before classes begin. Students whose financial aid packaging is complete and sufficient to cover all charges may be eligible for a student book voucher. (Book Vouchers may also be used for apparel/supplies at the Brescia Spirit Shop located in the Moore Center.) Notification of vouchers will be sent to students' Brescia email address. See the Student Accounts Clerk for more information. Books can be shipped directly to the student's home or to the Brescia University Mailroom in Bartholomy-Taylor Hall. See the online bookstore website for information regarding book returns and buybacks. https://www.brescia.edu/ordering-textbooks

FINANCIAL POLICY

Students can view their bill online through the student portal link on the Brescia homepage: (www.brescia.edu). Students will use their Brescia email credentials to login. Students who need to reset

their password should visit https://passwordreset.microsoftonline.com/ or complete a helpdesk ticket. No credit will be posted for successful completion of coursework until the full amount of student's bill is paid.

Charges for tuition, fees, room, and meals for full-time students are due by **August 5th (Fall) or January 3rd (Spring).** Charges for tuition and fees for part-time students are due 10 days before the first class meeting date. Full-time students in good standing may sign up for a payment plan. For more information, go to www.brescia.edu/student-accounts or contact the cashier at (270) 686-4238.

To pay in person: Cash, check, or credit card (VISA, MasterCard, Discover, American Express) payments can be made in the Cashier's Office (Student Services Center, 531 Frederica St.), Monday through Friday, 8:00 AM to 4:30 PM.

To pay online: Credit cards (VISA, MasterCard, Discover, American Express) are accepted online at https://www.brescia.edu/pay. ***For security reasons, Brescia no longer accepts credit card information over the phone.***

To mail payment: Checks can be mailed to: Brescia University, Cashier's Office, 717 Frederica Street, Owensboro, KY 42301.

Refunds of financial aid in excess of charges will be made each Friday, beginning approximately one month from the date of the first class meeting.

A late charge of 1.5% per month will be assessed on past due balances as of the 15th of any month. A Late Payment Fee of $100 will be added to accounts not settled by the first day of classes. A charge of $25 is imposed for checks returned because of insufficient funds.

Satisfactory settlement of accounts must be made before a grade report or transcript of credits will be issued and before a student may register for subsequent terms. Students with past due accounts may be excluded from campus activities including but not limited to participating on athletic teams and university-sponsored travel and other activities. Non-payment of charges may also affect the student's eligibility to use campus resources including but not limited to room, board, and access to campus technology.

Students who will be reimbursed by their employer for tuition and fees may sign up for the Employer Tuition Reimbursement Plan. An administrative fee of $10 per course will be assessed on the Employer Tuition Reimbursement Plan and will be due at registration.

VETERANS

Covered individuals may attend or participate in Brescia University classes during the period beginning on the date on which the veteran provides the COE for entitlement to educational assistance and ending on the earlier of the following dates:

- The date on which payment from VA is made to the institution.
- 90 days after the date Brescia University certified tuition and fees following the receipt of the certificate of eligibility.

Brescia will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds on any covered individual because of the individual's inability to meet his/her financial obligations to the University due to delayed disbursement funding from VA under chapter 31 or 33.

WITHDRAWAL/REFUND POLICY

In order to withdraw from a class or classes, the student must prepare and submit an official withdrawal notice in writing to the Office of the Registrar, located in the Student Services Center, 531 Frederica St. On-campus students can obtain a withdrawal form from their academic advisor. Online students communicate withdrawal requests via university email to their academic advisor.

In general, students withdrawing after classes have started will be charged an administrative withdrawal fee of $100. Tuition charges will be pro-rated based on the number of days in the semester. There will be no refund/reduction of fees. See following sections for details of withdrawal calculations. The date of withdrawal is the date the student provides official notification to the Office of the Registrar. **Non-attendance at class or unofficial notification of withdrawal does not constitute formal withdrawal.**

Full-time traditional students: The Period of Enrollment is defined as the number of calendar days between the start and end of the semester. The Start of Semester is defined as either the date of the student's first class meeting in the semester or the date of the first regular semester classes, whichever is earlier. The End of the Semester is listed **on the academic calendar**. Full-time traditional students who withdraw from the University prior to the first day of their Period of Enrollment will not be charged tuition or class fees. Full-time traditional students withdrawing from the University on or after the first day of their Period of Enrollment will be charged an administrative withdrawal fee of $100. There will be no refund/reduction of fees. Tuition charges will be pro-rated based on the number of days enrolled in the University during their Period of Enrollment, until 70 % of their Period of Enrollment has been completed. After the 70 % of the Period of Enrollment has been completed, there will be no refund of tuition charges. Full-time traditional students who withdraw from classes may lose all or part of their financial aid and should visit the Financial Aid Office to determine the impact on their aid package. Students whose status changes to part-time due to withdrawal from one or more classes PRIOR to the date of the first class meeting will be considered part-time for purposes of this refund policy. **Students who have not attended any or all of their classes during the "Drop/Add" period (first week of classes) will be administratively dropped from non-attended courses and resulting changes made to financial aid packages and to student billing.**

Part-time traditional students: The Period of the Class is defined as the number of calendar days between the first and the last date of the class. Part-time students who withdraw from a class prior to the first class meeting will not be charged tuition or fees for that class. Students withdrawing from a class on or after the date of the first class meeting will be charged an administrative withdrawal fee of $100. There will be no refund/reduction of fees. Tuition charges will be pro-rated based on the number of days enrolled in class and the Period of the Class, until 70% of the Period of the Class has been completed. After the 70% of the Period of the Class has been completed, there will be no refund of tuition charges. Students who withdraw from classes may lose all or part of their financial aid and should visit the Financial Aid Office to determine the impact on their aid package. **Students who have not attended any or all of their classes during the "Drop/Add" period (first week of classes) will be administratively dropped from non-attended courses and resulting changes made to financial aid packages and to student billing.**

RESIDENCE HALL FEES

Residence Hall housing contracts are for the full academic year (except for students graduating in December). Brescia follows the accepted collegiate practice of not refunding room charges if a student moves off campus. The cost of meals is calculated on a weekly basis from the first day of meal contract through the end of the week in which withdrawal occurs. A full week is charged for any fraction of a week.

Room Reservation/Security Deposit: A deposit of $100 is required of all residence hall students. This deposit serves as both a room reservation and a security deposit. A room reservation deposit is refunded in full if the reservation is cancelled prior to June 30th (or December 31st for an originally scheduled new Spring student). A security deposit is refunded within 90 days when a student withdraws from the residence hall, provided there is no damage to the student's room or common areas of the residence hall. Students should see the *Student Handbook* for other policies relating to Residence Life.

STUDENT FINANCIAL AID

Students who need financial support in meeting their educational costs at Brescia University may receive assistance through the University's own scholarship and aid programs, through the many federal and state programs in which the University participates, and through the University's payment plans.

ELIGIBILITY FOR STUDENT AID

To be eligible for federal and state aid, a student must be enrolled in a degree or certificate program, hold U.S. citizenship, maintain satisfactory academic progress, certify that s/he will use financial aid for educational purposes only and not be in default on a federal or state loan or owe a repayment on any federal or state aid.

Undergraduate Financial Aid Satisfactory Progress: Satisfactory Academic Progress (SAP) is measured by cumulative grade point average (GPA) and by credit hours earned in relation to hours attempted [*see table below*]. Credit hours attempted are the number of hours in which a student is enrolled at the end of the drop/add week. After that week, all failed, withdrawn, repeated, or incomplete hours are counted in the number of hours attempted. GPA and credit hours earned in relation to hours attempted will be checked at the end of each semester prior to disbursement of financial aid for the next semester. Students who withdraw from all classes and/or receive all Fs may have to repay a portion of any federal aid received for that semester. Any student with Incomplete (I) for a grade will not receive additional funds for the next semester until all Incompletes are replaced with a grade. SAP applies to all students Title IV and non-Title IV eligible (regardless of full-time or part-time status or academic program). Students will be evaluated for SAP at the end of each semester.

Attempted Credit hours	6–30	31–48	49-89	90+
Percentage of attempted hours required	67%	67%	70%	70%
Cumulative grade point average	1.5	1.7	2	2.25

Maximum Time Frame: Students must complete their degree within 150% of the total credit hours required by the student's declared degree. All attempted credit hours by the student will be calculated for a maximum time frame. All repeated course work is also included in the calculation to determine maximum timeframe. If at any time it is determined mathematically impossible for the student to complete their degree within the maximum timeframe, the student will be terminated from financial aid. Example: Bachelor's Degree in Biology = 120 credit hours required to graduate X 150% = 180. Students would be required to complete this degree within 180 credit hours. Progress for maximum timeframe will be evaluated for each student. The student will be notified if s/he is nearing a maximum timeframe.

There are no appeals for financial aid once a student reaches the maximum timeframe. Note: If a student considers changing their degree plan from a Baccalaureate degree to an Associate degree, they need to discuss implications with their academic and financial aid advisors.

Financial Aid Warning: Financial Aid Warning results from the first offense of failure to meet either GPA requirements or hours of completion or both. A letter is sent to the student after the warning is imposed on the financial aid record. During the warning semester, the student can continue to receive financial aid, but must bring their cumulative GPA and/or percentage of hours completed up to the appropriate standard for their attempted hourly level. At the end of the warning semester, if the student does not achieve the appropriate standard(s) for her or his level, that student will then be placed on Financial Aid Suspension.

Financial Aid Suspension: Financial Aid Suspension results when a student fails a second time to meet satisfactory academic progress in GPA requirements or hours of completion or both. A student may appeal to have their aid reinstated on a probationary status. If the appeal is unsuccessful, a student is expected to pay for his or her own classes to bring the GPA and/or course completion percentage up to the appropriate level.

Financial Aid Appeal: A Financial Aid Appeal is a form that the Office of Financial Aid sends a student along with a Financial Aid Suspension letter. The Appeal can be filled out and submitted when unusual circumstances or conditions beyond the student's control caused or seriously contributed to the Financial Aid Suspension. Appeal applications with supporting documentation (including an academic plan that can extend an approved probationary period up to three semesters or more if needed) should be sent to the Director of Financial Aid, who will determine if a probationary status is warranted. Without an academic plan (signed by the Academic Advisor), the Director of Financial Aid may place the student on probation for only one semester. In the latter case, however, after that probationary semester, the student must be back in good standing with GPA and hours of completion, or Financial Aid Suspension will be imposed on the student's financial aid record. Appeal paperwork can be obtained by contacting the Financial Aid Office at (270) 686-4253 or by requesting appeal paperwork at financial.aid@brescia.edu.

Financial Aid Probation: Financial Aid Probation results when a student placed on Financial Aid Suspension submits a Financial Aid Appeal that is approved. The Appeal, submitted to the Financial Aid Office, must include an appeal letter of explanation, the appeal form (received from the Financial Aid Office), and an academic plan of courses each semester (signed by the Academic Advisor). The student must follow the academic plan of courses outlined for each semester of probation until back in good standing. During the Probationary period, a student who withdraws from or fails a class will be placed on Financial Aid Suspension after that semester. In that case, the student will not be able to receive any financial aid after that point until back in good standing with the required GPA and/or percentage of hours completed.

Graduate Financial Aid Satisfactory Academic Progress: To be eligible for federal aid, a student must be enrolled in a Graduate Degree, hold U.S. citizenship, **maintain satisfactory academic progress**, certify that s/he will use financial aid for educational purposes only and not be in default on a federal or state loan or owe a repayment on any federal or state aid.

Satisfactory Progress: is measured by cumulative grade point average (GPA) and by credit hours earned in relation to hours attempted. Credit hours attempted are the number of hours in which a student is enrolled at the end of the drop/add week. After that week, all failed, withdrawn, repeated, or

incomplete hours are counted in the number of hours attempted. GPA and credit hours earned in relation to hours attempted will be checked at the end of each semester prior to disbursement of financial aid. Students who withdraw from all classes and/or receive all Fs may have to repay a portion of any federal aid received for that semester. Any student with Incomplete (I) for a grade will not receive additional funds for the next semester until all Incompletes are replaced with a grade. All credit hours for attempted, completed and earning a grade are only the credit hours for the graduate degree(s).

Determination: At any time if the student's cumulative GPA falls below 3.0, the student will be placed on financial aid warning. If after the next class, the student has not earned a cumulative GPA of 3.0 and above then the student will be on financial aid suspension. If a student earns a D, F or two C's in the program, the student will be placed on financial aid warning.

Maximum Time Frame: Students must complete their degree within 150% of the total credit hours required by the student's declared degree. All attempted credit hours by the student will be calculated for a maximum time frame. All repeated course work is also included in the calculation to determine maximum time frame. If at any time it is determined mathematically impossible for the student to complete their degree within the maximum time frame, the student will be terminated from financial aid. Example: MSW Degree = 60 credit hours required to graduate X 150% = 90. Students would be required to complete this degree within 90 credit hours. Progress for maximum time frame will be evaluated for each student. The student will be notified if you are nearing a maximum time frame. There are no appeals for financial aid once a student reaches the maximum time frame.

Financial Aid Warning results from the first offense or failure to meet one aspect of the standard of satisfactory progress. During the warning/probationary semester, the student can continue to receive financial aid but must bring their cumulative grade point average and/or percentage of hours completed up to the appropriate standard. If the student does not achieve the appropriate standard for her or his level at the end of the probationary semester, that student will then be placed on Financial Aid Suspension.

Financial Aid Suspension results when a student fails to meet satisfactory academic progress on the second (or greater) offense. During the suspension period, a student is expected to pay for his or her own classes at their normal class load level to bring the grade point average and/or percentage up to the appropriate standard for his or her attempted hourly level. If the student can show that she or he is making satisfactory academic progress during this period, the student may appeal for financial aid for the next semester.

Financial Aid Probation results from the student having an appeal approved to receive financial aid after a termination status. The appeal process must include an appeal letter of explanation, appeal form (received by the Financial Aid Office), and an academic plan of courses each semester until the student is back in good standing. The academic plan must be completed between the student and the Academic Advisor and turned into the Financial Aid Office with the appeal letter and form. Students will stay on the Financial Aid Probation status until the overall GPA and completion rate are back to the good standing for their grade level. The student must follow the academic plan of courses outlined each semester until back in good standing.

Financial Aid Appeal A Financial Aid Appeal is a form that the Office of Financial Aid sends a student along with a Financial Aid Suspension letter. The Appeal can be filled out and submitted when unusual circumstances or conditions beyond the student's control caused or seriously contributed to the Financial Aid Suspension. Appeal applications with supporting documentation (including an academic plan that can extend an approved probationary period up to three semesters or more if needed) should be sent to

the Director of Financial Aid, who will determine if a probationary status is warranted. Without an academic plan (signed by the Academic Advisor), the Director of Financial Aid may place the student on probation for only one semester. In the latter case, however, after that probationary semester, the student must be back in good standing with GPA and hours of completion, or Financial Aid Suspension will be imposed on the student's financial aid record. Appeal paperwork can be obtained by contacting the Financial Aid Office at (270) 686-4253 or by requesting appeal paperwork at financial.aid@brescia.edu.

Dual Credit: Dual credit hours that are earned by the student while in secondary school (high school) are reviewed for SAP policy. The courses are entered onto the transcript for the student with the years within which the student earned the credit(s). For SAP policy, the hours are added to attempted and earned hours and the course grades are factored into the GPA.

Repeat Courses: A student may repeat a course one time after credit is earned for a higher grade in the course. The course is counted as attempted credit hours each time the student is enrolled in the course and counted as earned hours anytime the student earns a grade of D or higher. Courses earning an F grade are considered attempted but not earned hours.

Withdrawn Courses: Courses from which a student withdraws are counted in the attempted hours for SAP policy. Since no grade is earned for these courses, they count as attempted but not earned hours; as a result, courses from which a student withdraws will affect the percentage of earned-to-attempted hours.

Incomplete Courses: When a student receives an Incomplete for a course grade, the standards of academic progress will not be evaluated until the Incomplete becomes a letter grade. Financial aid will not be paid for any future semesters until the grade is posted. See *Incomplete Policy* for the time frames within which a student must complete coursework to have the Incomplete changed to a grade for the class.

APPLICATION PROCEDURES

Students who wish to be considered for student financial aid should complete the Free Application for Federal Student Aid (FAFSA). The FAFSA can be submitted online at studentaid.gov. The priority filing date is March 15 of each year. Applications received after that date will be considered as funds are available.

RIGHTS AND RESPONSIBILITIES

Students are expected to understand fully their rights and responsibilities with respect to institutional, federal, and state financial aid. Information is mailed to students at appropriate times during the year, published in the school newspaper, distributed at registration time, and is available at all times through the Financial Aid Office (Student Services Center: 531 Frederica St.).

INSTITUTIONAL AID

Brescia University awards institutional aid annually to incoming students based on academic excellence, leadership qualities, athletic ability, and talent. Awards range from partial to full tuition, room, and board, and are renewable provided the recipient maintains full-time enrollment as well as all academic requirements associated with the award. To receive institutional aid, the student must complete the FAFSA. Students should contact the Financial Aid Office regarding specific institutional aid criteria and amounts.

GRANTS

The Pell Grant provides assistance in the form of non-repayable grants to students attending post-secondary institutions. Criteria include need, citizenship or permanent resident status in the United States, and enrollment in an undergraduate program of study.

KHEAA Grants, available through the Kentucky Higher Education Assistance Authority, provide aid to residents of Kentucky who are attending post-secondary institutions in Kentucky. To be eligible a student must be a resident of Kentucky, be enrolled as a full-time student, and have completed the FAFSA for the Kentucky Tuition Grant (KTG). The student must be Pell Eligible to receive College Access Program (CAP) and can be awarded if the student is enrolled at least half time Kentucky Educational Excellence Scholarship (KEES) funds are available to Kentucky residents who graduated from Kentucky High Schools and information was reported to KHEAA regarding grade point average and other information regarding the educational program in high school. To continue to receive the KEES funds the student must earn 2.5 cumulative grade point average after the first year and 3.0 cumulative grade point average thereafter to maintain the full KEES and stay on track for graduation within a 4-year timeframe for most degrees. On track timeframe will be evaluated after each spring semester to determine if the student completed full time hours for the academic year. Specifics regarding KHEAA Grants available to Brescia University students can be obtained online at www.KHEAA.com.

Supplemental Educational Opportunity Grants (SEOG) are federal grants available to students with need. The Director of Financial Aid determines eligibility for and amount of the grant. Awards, dispersed on a first-come-first-served basis, range from $200 to $1,000 annually.

EMPLOYMENT

The Federal College Work-Study program provides assistance through employment on campus. In order to qualify for employment, the applicant must establish need by filing a FAFSA. Students work from seven to fifteen hours per week at a rate of pay in accord with federal wage and hour regulations. Continued employment is contingent upon satisfactory academic progress and work performance. Students are not eligible to begin work until they have completed the required forms in Human Resources Office.

Brescia University Student Assistance program provides employment to a small number of students. Rate of pay and selection of students is comparable to that described above under Federal College Work-Study. Students are not eligible to begin work until they have completed the required forms in Human Resources Office.

LOANS

Federal Direct Loans are designed primarily to provide loans with special interest rates to eligible students for educational expenses. To be eligible for a Federal Direct Loan, a student must be a citizen or permanent resident of the United States; be enrolled on at least a half-time basis; and maintain satisfactory progress. Students who are in default on a previous loan or who owe a refund on a grant previously received are ineligible for any federal or state financial aid. Interest rates for Federal Direct Loans are set by the Department of Education for each award year. Repayment for the borrower begins six months after the borrower ceases to be at least a half-time student.

Brescia University Student Loans are available in a limited number to students through its own loan fund. The simple interest rate is 6%. Repayment extends over a ten-year period dating from the borrower's last documented date of attendance, with a minimum principal repayment of $40 a month. In general, persons who do not qualify for other loans may obtain assistance through the Brescia University Student Loan fund (as funds are available).

ALUMNI TUITION DISCOUNT

An alumnus/alumna of a Brescia undergraduate program is eligible for a 25% tuition scholarship for Brescia's undergraduate courses offered on-campus. An alumnus/alumna of a Brescia undergraduate program is any individual who has earned a Bachelor or Master degree from Brescia. A child of an alumnus/alumna who is 25 years old or younger, the spouse of an alumnus/alumna, or the dependent of an alumnus/alumna as defined by the Internal Revenue Code is eligible for a 10% discount on Brescia's undergraduate courses.

A Free Application for Federal Student Aid (FAFSA) should be completed each academic year to receive the tuition discount. The discount may not be applied if the FAFSA is not completed. Alumni Tuition Discount Application must be completed and submitted to the Financial Aid Office by the first day of class.

VETERANS' BENEFITS

Brescia University offers veterans an educational curriculum approved under the provisions of the federal government for educational benefits. The Registrar's Office and the Office of Financial Aid provide advisement to veterans. Veterans are responsible for notifying the certifying official of any change in status. Failure to report this information may result in the individual's being held liable by the Veterans Administration for any overpayment.

It is the responsibility of the student to review their bill each semester/year when it is received to ensure that financial aid funds are enough to cover the balance, or otherwise to make sufficient payment arrangements by the bill's Due Date each semester.

To Obtain Forms or Further Information Regarding Financial Aid, prospective financial aid applicants should contact the Office of Financial Aid, Brescia University, 717 Frederica St., Owensboro, Kentucky 42301-3023. (270-686-4356 or 1-877-Brescia)

BUOnline PROGRAM

The program is designed for students who are unable to attend college courses within the traditional format (e.g., weekday classes on campus) because of career, family responsibilities, distance from the University, or require more flexibility for delivery options.

Traditional on-campus freshmen are generally not allowed to take online courses (except for IDC 100). Non-BUOnline students may register for two online courses with academic advisor approval. Students must receive permission from the Associate Academic Dean before registering for more than two online courses. For more information, students may contact their academic advisor. International students need to consult with the SVPEM prior to registering for any online course.

REGISTRATION AND PAYMENT – BUOnline

Priority registration for each module will end one week before the beginning of the course to allow ample time for textbook purchase.

BASIC EXPENSES PER SEMESTER – BUOnline

(Effective May 1, 2024 – subject to change without notification. Updated fees may be found in the Schedule of Classes.)

Tuition per credit hour for BUOnline students *$450*
Class/Lab fees ..... *vary per course*
Technology fee for 6+ credit hours per semester *$350*
*Graduation Fee** *$100*

*If a student does not graduate within 18 months after applying for the degree, the student must re-apply and pay the fee.

**For Challenge Exams, the student must pay a non-refundable fee of $100 to the Business Office PRIOR to taking the exam. Upon successful completion of the exam, the student must pay the balance of the Challenge Exam fee (⅓ of undergraduate credit-hour rate). No credit will be given for successful completion until the full amount is paid.

TEXTBOOKS FOR BUONLINE CLASSES

Course books are available for purchase through the Brescia University online bookstore. Students whose financial aid packaging is complete and sufficient to cover all charges may be eligible for a student book voucher. (Book Vouchers may also be used for apparel/supplies at the Brescia Spirit Shop located in the Moore Center.) Notification of vouchers will be sent to students' Brescia email address. See or contact the Student Accounts Clerk for more information. Books can be shipped directly to the student's home or to the Brescia University Mailroom in Bartholomy-Taylor Hall. See the online bookstore website for information regarding book returns and buybacks.
https://www.brescia.edu/ordering-textbooks

FINANCIAL POLICY – BUOnline

Students can view their bill online through the student portal link on the Brescia "Current Students" page bem.brescia.edu. Students will use their Brescia email credentials to login. Students who need to reset their password should visit https://passwordreset.microsoftonline.com/ or complete a helpdesk ticket. Additional information/forms are available at www.brescia.edu in the Student Accounts section. No credit will be posted for successful completion of coursework until the full amount of student's bill is paid.

Charges for tuition and fees for part-time students are due 10 days before the first class meeting date. For more information, students should go to www.brescia.edu/student-accounts or contact the cashier at (270) 686-4238.

To pay in person: Cash, check or credit card (VISA, MasterCard, Discover, American Express) payments can be made in the Cashier's Office (Student Services Center, 531 Frederica St.), Monday through Friday, 8:00 AM to 4:30 PM.

To pay online: Credit cards (VISA, MasterCard, Discover, American Express) are accepted online at https://www.brescia.edu/pay. ***For security reasons, Brescia no longer accepts credit card information over the phone.***

To mail payment: Checks can be mailed to Brescia University, Cashier's Office, 717 Frederica Street, Owensboro, KY 42301.

Refunds of financial aid in excess of charges will be made each Friday, beginning approximately one month from the date of the first class meeting.

A late charge of 1.5% per month will be assessed on past due balances as of the 15th of any month. A Late Payment Fee of $100 will be added to accounts not settled by the first day of classes. A charge of $25.00 is imposed for checks returned because of insufficient funds.

Satisfactory settlement of accounts must be made before a grade report or transcript of credits will be issued, and before a student may register for subsequent terms. Students with past due accounts may be excluded from University sponsored activities if applicable. Nonpayment of charges may also affect the student's eligibility to use campus resources including but not limited to access to campus technology.

Students who will be reimbursed by their employer for tuition and fees may sign up for the Employer Tuition Reimbursement Plan. An administrative fee of $10.00 per course will be assessed on the Employer Tuition Reimbursement Plan and will be due at registration.

VETERANS: Billing and payment follow federal law outlined above.

FINANCIAL AID AND SCHOLARSHIPS – BUOnline

In order to be eligible for full-time financial aid (for description of kinds available, see above), a student must take at least 12 credit hours in a semester. To be eligible for part-time financial aid a student must register for at least 6 credit hours. BUOnline students are not eligible for institutional and endowed scholarships.

WITHDRAWAL/REFUND POLICY – BUOnline

Tuition charges will be pro-rated based on the number of days in the semester or module. There will be no refund/reduction of fees. The date of withdrawal is the date the student provides official notification to the Office of the Registrar. ***Non-attendance at class or unofficial notification of withdrawal does not constitute formal withdrawal.*** It is the responsibility of the student rather than the instructor to contact the Registrar about class withdrawal. **Students who do not complete the Start Here questionnaire in each course by noon central time on Wednesday of the first week of the course will be administratively dropped from the course(s) and resulting changes will be made to their financial aid packages and to student billing.**

Semester Modules: Withdrawal calculations are based on the following: The Period of the Class is defined as the number of calendar days between the first and the last date of the class. Students who withdraw from a class before the drop deadline will not be charged tuition or fees for that class. In general, students withdrawing from a class after the drop deadline will be charged an administrative withdrawal fee of $100. Tuition charges will be pro-rated based on the number of days enrolled in class and the Period of the Class, until 70 % of the Period of the Class has been completed. After the 70 % of the Period of the Class has been completed, there will be no refund of tuition charges. Any student who withdraws from classes may lose all or part of their financial aid, and should contact the Financial Aid Office to determine the impact on their aid package.

Students who do not complete the Start Here questionnaire in each course by noon central time on Wednesday of the first week of the course will be administratively dropped from the course(s) and resulting changes will be made to their financial aid packages and to student billing.

GRADUATE PROGRAMS

ADMISSION REQUIREMENTS AND PROCEDURES – GRADUATE

Brescia University welcomes applications for enrollment as a matriculated student as well as those who may be interested in taking a graduate course as a non-matriculated student.

Applicants to graduate studies at Brescia University should hold an appropriate bachelor's degree from an accredited institution.

- Matriculated Student – Any applicant who fulfills admissions criteria for the specific master's degree program (see each program for those criteria).
- Non-matriculated Student – Any student who is not pursuing a degree.

Registration: The dates of registration for each program for each semester are found in the academic calendar at www.brescia.edu. Pre-registration, an opportunity for early registration, is offered before final examination week for currently enrolled students and students returning from a Leave of Absence.

Course Load: The full-time load for the MBA is 9 credit hours per semester, and for the MSW, MSCP, and MSSLP 12 credit hours per semester. A part time course load for the MBA is a minimum of 4.5 credit hours per semester. For the MSIS degree students would take 6 credit hours a semester to be considered full-time. For all other graduate programs, a part time course load constitutes a minimum of 6 credit hours per semester.

Academic Probation/Suspension: If the student's cumulative graduate GPA falls below 3.0, the student will be placed on academic probation. For more information on Academic Probation/Suspension, please see specific program handbooks. A student receiving a D, an F, or three C's may also be dismissed from the program.

BASIC EXPENSES PER SEMESTER – GRADUATE

(Effective May 1, 2024 – subject to change without notification. Updated fees may be found in the Schedule of Classes.)

Graduate tuition per credit hour (MBA/MSW/Clinical Psychology/MSIS) *$675*
Graduate tuition per credit hour (SLP) *$750*
Class/Lab fees ..... *vary per course*
Technology fee for 6+credit hours per semester *$350*
Graduation Fee *$100*

TEXTBOOKS FOR CLASSES – GRADUATE

Course books are available for purchase through the Brescia University online bookstore. Students whose financial aid packaging is complete and sufficient to cover all charges may be eligible for a student book voucher. Book Vouchers may also be used for apparel/supplies at the Brescia Spirit Shop located in the Moore Center. Notification of vouchers will be sent to students' Brescia email address. See or contact the Student Accounts Clerk for more information. Books can be shipped directly to the student's home or to the Brescia University Mailroom in Bartholomy-Taylor Hall. See the online bookstore website for information regarding book returns and buybacks. https://www.brescia.edu/ordering-textbooks

FINANCIAL POLICY – GRADUATE

Students can view their bill online through the student portal link on the Brescia "Current Students" page. Students who need to reset their password should visit https://passwordreset.microsoftonline.com/ or complete a helpdesk ticket. Additional information/forms are available at www.brescia.edu in the Student Accounts section. No credit will be posted for successful completion of coursework until the full amount of student's bill is paid. in the Student Accounts section. No credit will be posted for successful completion of coursework until the full amount of student's bill is paid.

Charges for tuition and fees for graduate students are due 10 days before the first class meeting date. For more information, students should go to www.brescia.edu/student-accounts or contact the cashier at (270) 686-4238.

1. To pay in person: Cash, check or credit card (VISA, MasterCard, Discover, American Express) payments can be made in the Cashier's Office (Student Services Center, 531 Frederica St.), Monday through Friday, 8:00 AM to 4:30 PM.
2. To pay online: Credit cards (VISA, MasterCard, Discover, American Express) are accepted online at https://www.brescia.edu/pay. ***For security reasons, Brescia no longer accepts credit card information over the phone.***
3. To mail payment: Checks can be mailed to: Brescia University, Cashier's Office, 717 Frederica Street, Owensboro, KY 42301.

Refunds of financial aid in excess of charges will be made each Friday, beginning approximately one month from the date of the first class meeting.

A late charge of 1.5% per month will be assessed on past due balances as of the 15th of any month. A Late Payment Fee of $100 will be added to accounts not settled by the first day of classes. A charge of $25 is imposed for checks returned because of insufficient funds.

Satisfactory settlement of accounts must be made before a grade report or transcript of credits will be issued, and before a student may register for subsequent terms. Students with past due accounts may be excluded from University-sponsored activities if applicable. Non-payment of charges may also affect the student's eligibility to use campus resources including but not limited to access to campus technology.

Students who will be reimbursed by their employer for tuition and fees may sign up for the Employer Tuition Reimbursement Plan. An administrative fee of $10 per course will be assessed on the Employer Tuition Reimbursement Plan and will be due at registration.

VETERANS: Billing and payment follow federal law above.

FINANCIAL AID AND SCHOLARSHIPS – GRADUATE

Students who will require financial support for their graduate studies at Brescia University are encouraged to talk with the Financial Aid Office regarding options for financing a graduate degree. Graduate students are strongly encouraged to speak with their employers about tuition reimbursement programs offered through their companies. The federal government offers a student loan program available for some master's programs. Federal and state grants are not available for studies beyond the bachelor's degree. Brescia University does not offer institutional or endowed scholarships or assistantships for other graduate programs but does offer a deferred payment plan.

WITHDRAWAL/REFUND POLICY – GRADUATE

Tuition charges will be pro-rated based on the number of days in the semester or module. There will be no refund/reduction of fees. The date of withdrawal is the date the student provides official notification

to a school official. ***Non-attendance at class or unofficial notification of withdrawal does not constitute formal withdrawal.***

Students who do not complete the Start Here questionnaire in each course by noon central time on Wednesday of the first week of the course will be administratively dropped from the course(s) and resulting changes will be made to their financial aid packages and to student billing.

Semesters or Modules: Withdrawal calculations are based on the following: The Period of the Class is defined as the number of calendar days between the first and the last date of the class. Students who withdraw from a class before the drop deadline will not be charged tuition or fees for that class. In general, students withdrawing from a class after the drop deadline will be charged an administrative withdrawal fee of $100. Tuition charges will be pro-rated based on the number of days enrolled in class and the Period of the Class, until 70% of the Period of the Class has been completed. After the 70% of the Period of the Class has been completed, there will be no refund of tuition charges.

VETERANS' BENEFITS – GRADUATE

Brescia University offers veterans an educational curriculum approved under the provisions of the federal government for educational benefits. The Registrar's Office and the Office of Financial Aid provide advisement to veterans. Veterans are responsible for notifying the certifying official of any change in status. Failure to report this information may result in the individual's being held liable by the Veterans Administration for any overpayment.

TO OBTAIN FORMS OR FURTHER INFORMATION REGARDING FINANCIAL AID, prospective financial aid applicants should contact the Office of Financial Aid, Brescia University, 717 Frederica St., Owensboro, Kentucky 42301-3023. (270-686-4356 or 1-877-Brescia).

MASTER OF BUSINESS ADMINISTRATION (MBA) –

Program Structure

1. This program can be completed either online or in person. International students needing an F1 visa can only apply for the on-ground program.
2. The learning process for both online and in-person classes include lecture/summaries, peer and team learning, simulations, management development, experiences and exercises, software applications, individual and group presentations, and multiple-level writing assignments.
3. The program gives students the option to choose to emphasize in Finance or Management or have no emphasis.
4. Student may also choose between a thesis and practicum option. Since the practicum is an integral part of the curriculum, international applicants are encouraged to participate.
5. A full-time load is 9 credit hours per semester.

Matriculated Student: Each MBA applicant must submit evidence of the following to the Brescia University Admissions Office:

- An official transcript showing:
  1. an earned bachelor's degree from a college or university accredited by a recognized regional accrediting association with the following
  2. a cumulative grade point average of at least 2.50
- A completed MBA application;

- Students for whom English is a second language must meet the minimum acceptable score for the Test of English as a Foreign Language (TOEFL)
  1. 550 on the paper-based TOEFL, or
  2. 79 on the iBT TOEFL, or
  3. 6.5 or above on the IELTS

The application will be reviewed by a Recruitment Coordinator upon receipt of all required materials. An applicant who meets the above criteria may be accepted unconditionally into the degree program. Applicants failing to meet the minimum admissions requirements will be considered on an individual basis by the Admissions Committee and the Director of the MBA Program, who may recommend one of the following:

1. Grant admission as a regular MBA student;
2. Grant admission as a non-degree student (refer to below paragraph); or
3. Deny admission

Preferential Acceptance:

Graduates of Brescia University and Kentucky Wesleyan College with a bachelor's degree are eligible to receive preferential acceptance. Students who have a minimum cumulative grade point average of 2.50 and have successfully completed undergraduate courses in Statistics, Economics, and Finance may be automatically admitted into the MBA Program and do not have to complete the MBA prerequisite Modules.
The following conditions apply:

- The student completes an application by the priority deadline;
  - Brescia University priority deadlines
    - Spring is August 15th
    - Fall is February 15th.
  - Kentucky Wesleyan College priority deadlines
    - Spring is September 1st
    - Fall is March 1st.
- The student applies within 5 years of graduation;
- There is space available in the program.

Non-Matriculated (Non-Degree) Students: Non-degree students are limited to a maximum of six (6) credit hours of enrollment.

Credit Transfer: Students may transfer up to six (6) hours of credit or two (2) courses into the program. These courses MUST be completed prior to the student's acceptance into the Brescia MBA program. The Director of the MBA will ensure that the courses transferred are equivalent to Brescia's MBA courses in terms of content and requirements. Only courses in which the student scored a B or higher are eligible for transfer.

Equivalency Exam: Students may meet course prerequisite requirements by demonstrating college-level achievement through submitting a passing score on College Level Examination Level (CLEP) exams for certain MBA courses. CLEP score reports and/or transcripts must be sent directly to Brescia by the College Board organization. (For more information see www.collegeboard.com.)

Retention: Students must maintain a B average to remain in the program.

Credit Hours Required: Thirty (30) credit hours (10 courses).

MASTER OF SCIENCE CLINICAL PSYCHOLOGY

Matriculated Student: Each MS in Clinical Psychology applicant must submit evidence of the following to the Brescia University Admissions Office:

1. official transcript showing:
    a. All attempted coursework
    b. an earned bachelor's degree from a college or university accredited by a recognized regional accrediting association.
    c. Completion of 12 credits with minimum grades of 'C' in Psychology, Social Work, or Counseling courses, including completion of three credits of Statistics and three credits of Research Methods at the undergraduate or graduate level

Note: Conditional admission may be granted by agreeing to a remediation plan to complete three hours of undergraduate statistics and/or three hours of undergraduate Research Methods concurrent with the first semester of graduate coursework.

    d. GPA
        i. A grade-point average (GPA) of at least 3.0 out of 4.0 at the undergraduate and graduate level, if applicable.
        ii. Applicants may submit any of the following to demonstrate academic readiness:
            1. GRE scores
            2. Writing/Portfolio example
            3. CV or resume of work history in a human services field with references
2. Academic references
3. Transcripts for any existing graduate-level coursework.
4. Completed online applications should be accompanied by a 3-4 page typed personal statement demonstrating mastery of APA style addressing the applicant's:
    a. Ability to benefit from online learning technology
    b. Motivations for applying to a graduate psychology program and career goals
    c. Personal values, with an example of how those values are congruent with health service psychology and the Ursuline tradition
    d. Ability to seek supervision by providing an example of when the applicant sought supervision or consultation to resolve a difficult situation
    e. Intentions for how to manage time in this rigorous program, which includes long hours of fieldwork.
5. Students for whom English is a second language must meet the minimum acceptable score for the Test of English as a Foreign Language (TOEFL)
    a. 550 on the paper-based TOEFL, or
    b. 79 on the iBT TOEFL

Note: The Program reserves the right to require an interview of any applicant.

At this time, International applicants residing in the U.S. with an F1 student visa are not eligible for this program due to federal restrictions.

Applicants who successfully meet the above criteria may be accepted unconditionally into the MS track of the Clinical Psychology program. An applicant failing to meet the minimum admissions requirements is individually considered by the Director of the Clinical Psychology program and the faculty of the Psychology Department. Following the review of application materials, the Director of the Clinical Psychology program will then recommend one of the following:

- Grant admission as a regular MS track Clinical Psychology student; or
- Grant conditional admission as a regular MS track Clinical Psychology student pending completion of remediation of prerequisites; or
- Deny admission.

If a student is denied admission, the applicant is provided reasons in writing for denial and steps to be followed to reapply to the University.

Preferential Acceptance:

Graduates of Brescia University and Kentucky Wesleyan College who meet the prerequisite requirements of the MS in Clinical Psychology Program are eligible to receive preferential acceptance. Students who have a minimum overall grade point average of 3.50 may be automatically admitted into the MS in Clinical Psychology Program and do not have to submit a personal statement.
The following conditions apply:

• The student completes an application by the priority deadline;
  o Brescia University priority deadlines
    - Spring is August 15th
    - Fall is February 15th.
  o Kentucky Wesleyan College priority deadlines
    - Spring is September 1st
    - Fall is March 1st.

• The student applies for acceptance to the first semester following conferral of their bachelor degree (i.e., May graduates must apply for admission to the following fall semester; December graduates must apply for admission to the following spring semester);
• There is space available in the program.

If the number of students who qualify for automatic admission exceeds the available space in the program, students will be accepted on the basis of highest ranked GPA. Students who do not meet the requirements for automatic admission can still apply but will be required to submit the complete application package.

MASTER OF SOCIAL WORK – ONLINE

Program Structure

1. This is a 100% online program. Classes are taught using both synchronous and asynchronous modalities. Each class meets in a virtual classroom for one hour each week at a designated day and time. On-campus visits are not required.
2. The program follows a cohort model. Applicants are assigned to a cohort and take the same courses together, in the same sequence.
3. This is a rigorous, full-time program that can be completed in two years. A part-time option is available for the second year of the program.
4. Students with a Bachelor of Social Work degree may apply for advanced standing, a 30-credit hour option, and can complete the program in one academic year.
5. Students follow a structured syllabus that typically requires the completion of weekly assignments with established deadlines. This is not a "work at your own pace" program.

Matriculated Student: Each MSW applicant must submit evidence of the following to the Brescia University Admissions Office:

1. Official transcript showing:
    a. an earned bachelor degree from a college or university accredited by a recognized regional accrediting association with the following:
        i. completion of an Introduction to Social Work course, with a minimum grade of C or Brescia's Survey of Social Work course;
        ii. NOTE: Students who do not have required prerequisite may be admitted on a conditional basis with the expectation that the courses or course is completed prior to the beginning of the MSW program.
    b. NOTE: Admission to the advanced standing program requires a bachelor of social work degree from a CSWE-accredited institution (or from a college/university recognized through CSWE-s International Social Work Degree Recognition and Evaluation Services) .
    c. GPA
        i. a grade point average (GPA) of 3.0; if applying for advanced standing: a grade point average of 3.2.
            1. For *non*-Brescia graduates, we use the *cumulative* GPA;
            2. For Brescia graduates, we use the GPA of the student's major.
        ii. upon written request, applicants with a marginally low GPA may be considered if they address the reason(s) for the low GPA and their ability to successfully manage the demands of a rigorous graduate program, including a field placement of at least two days a week. Examples of the evidence that could be included in the request include the following:
            1. successful completion of graduate course work;
            2. strong GRE scores;
            3. strong writing skills; and
            4. strong work history in human services (multiple years, with references).
2. A completed application packet, submitted electronically, that includes the following:
    a. a completed application form;

   b. a typed, personal statement, 3–4 pages, addressing
      i. ability to learn using distance learning technology;
      ii. motivations for applying to an MSW program and career goals;
      iii. examples of how the student's personal values are congruent with the values of professional social work;
      iv. an example of when the student sought supervision or consultation to resolve a difficult situation; and
      v. how the student intends to manage time in this rigorous program, which includes field practicum at least 2 days a week.
   c. Application to the advanced standing program requires a copy of the applicant's final field evaluation OR a written recommendation from the Director of Field Education or the agency field instructor.
3. Students for whom English is a second language must meet the minimum acceptable score for the Test of English as a Foreign Language (TOEFL)
   a. 550 on the paper-based TOEFL, or
   b. 79 on the iBT TOEFL

Note: The Program reserves the right to require an interview of any applicant.

Applicants who successfully meet the above criteria may be accepted unconditionally into the program. An applicant failing to meet the minimum admissions requirements is individually considered by the Director of the MSW program and its faculty. Following the review of application materials, the Director of the MSW program will then recommend one of the following:

1. Grant admission as a regular MSW student; or
2. Grant conditional admission as a regular MSW student pending completion of prerequisites; or
3. Deny admission.

If a student is denied admission, the applicant is provided reasons in writing for denial and steps to be followed if s/he wishes to reapply to the University.

Preferential Acceptance:

Graduates of Brescia University and Kentucky Wesleyan College who meet the prerequisite requirements of the Master of Social Work Program are eligible to receive preferential acceptance. Students who have a minimum grade point average of 3.5 in their major (and for BSW graduates, a grade of "A" in SW 406 Field II) may be automatically admitted into the Master of Social Work Program and do not have to submit a personal statement.
The following conditions apply:

- The student completes an application by the priority deadline;
  - Brescia University priority deadlines
    - Spring is August 15th
    - Fall is February 15th.
  - Kentucky Wesleyan College priority deadlines
    - Spring is September 1st
    - Fall is March 1st.

- The student applies for acceptance to the first semester following conferral of their bachelor degree;
- There is space available in the program.
- The student has completed an Intro to Social Work course with a minimum grade of C or Brescia University's noncredit Survey of Social Work Course prior to admission.

If the number of students who qualify for automatic admission exceeds the available space in the program, students will be accepted on the basis of highest ranked GPA. Students who do not meet the requirements for automatic admission can still apply but will be required to submit the complete application package.

If an applicant has previously been disciplined for a student conduct violation or for academic performance (academic probation, dismissal, suspension, disqualification, etc.) by any college or school, additional information will be required, as is relevant to the situation.

Experiential Credit: The MSW Program does not grant academic credit for life experience or previous work experience in lieu of social work courses or field requirements.

International Students: International students residing in the U.S. with a student visa (not work or dependent visas) are not eligible for this online program due to restrictions by U.S. Homeland Security.

Credit Transfer: Students should refer to the MSW section later in the *Catalog* (available online at www.brescia.edu) for details regarding the transferability of credit into the MSW program.

MASTER OF SCIENCE IN SPEECH LANGUAGE PATHOLOGY

Matriculated Student: Each MS in Speech-Language Pathology applicant must submit evidence of the following to the Brescia University Admissions Office:

1. Official transcript showing:
    1. an earned bachelor degree from a college or university accredited by a recognized regional accrediting association with the following:
        i. grades of A or B in all Communication Sciences and Disorders (CSD) undergraduate major courses including prerequisite courses listed below; OR
        ii. grades of A or B in the following prerequisite courses (for both CSD and non-CSD majors):
            a. Phonetics;
            b. Speech and Hearing Science;
            c. Audiology;
            d. Language Development;
            e. CSD Anatomy and Physiology course;
            f. CSD Neuroanatomy or CSD Neurology course;
            g. An introduction to CSD course (or other relevant CSD course)
        iii. Other non-CSD prerequisite that must be completed with grade of C or above prior to program entry include:
            a. Statistics;
            b. Chemistry or Physics;

c. Biology;
d. Social/Behavioral Sciences

NOTE: Students who do not meet the course requirements may be granted conditional status. The student must take the needed prerequisite work and/or retake undergraduate courses in which a C or below was earned and provide evidence of satisfactory completion of those courses (with a B grade of higher), before beginning the program.

2. GPA
    i. A minimum overall undergraduate grade point average (GPA) of 3.0

2. A completed application packet, submitted electronically, that includes the following:
    a. a completed application form;
    b. 3 letters of recommendation.
        i. Letters should be from instructors who are familiar with the applicant
    c. a typed, personal statement, 3-4 pages, addressing the student's:
        i. Ability to use distance learning technology;
        ii. Motivations for applying to the program and career goals;
        iii. Examples of when the student sought out supervision or consultation to resolve a difficult situation;
        iv. Intentions for how to manage time in this rigorous program, which includes a practicum at least 2 days a week.
    d. a writing sample.
3. Students for whom English is a second language must meet the minimum acceptable score for the Test of English as a Foreign Language (TOEFL)
    a. 550 on the paper-based TOEFL, or
    b. 79 on the iBT TOEFL

Note: Applicants are selected based upon score, evaluation criteria, and availability of space. A third recommendation letter can be requested as determined by the SLP admissions committee. Personal interviews of candidates may be conducted as determined by the SLP admissions committee. These interviews are conducted through virtual technology to further rate students (if needed) based on oral communication skills and content of answers.

Applicants who successfully meet the above criteria may be accepted unconditionally into the program. An applicant failing to meet the minimum admissions requirements is individually considered by the Director of the MS in Speech-Language Pathology program and its faculty. Following the review of application materials, the Director of the MS in Speech-Language Pathology program will then recommend one of the following:

- Grant admission as a regular MS in Speech-Language Pathology student; or
- Grant conditional admission as a regular MS in Speech-Language Pathology student pending completion of prerequisites; or
- Deny admission.

If a student is denied admission, the applicant is provided with reasons in writing for denial and steps to be followed if s/he wishes to reapply to the University.

Preferential Acceptance:

Graduates of Brescia University and Kentucky Wesleyan College who who plan to attend the Master of Science in Speech Language Pathology program are eligible to receive preferential acceptance. Students who have a minimum GPA of 3.00 or higher and have met all of the pre-requisites with a grade of A or B may be automatically admitted into the Master of Science (M.S.) in Speech-Language Pathology and do not have to submit recommendation letters, personal statements, writing samples, or conduct an interview.
The following conditions apply:

- The student makes their intent to join the program by their final year at KWC.
    - Students are expected to complete Four (4) prerequisite Communication Sciences and Disorders (CSD) courses through Brescia University in their final year at KWC*.
    - Students accepted into the M.S. in SLP program will then complete two CSD prerequisites the summer before the start of the M.S. in SLP.
    - The final CSD prerequisite can be completed during the first Winter of the M.S. in SLP program.

• The student completes an application by the priority deadline;
    o Brescia University priority deadlines
        - Spring is August 15th
        - Fall is February 15th.
    o Kentucky Wesleyan College priority deadlines
        - Spring is September 1st
        - Fall is March 1st.

• The student applies for acceptance to the MS in SLP the 2nd semester of their junior year to start prerequisite courses their senior year.
• There is space available in the program.

- The student has completed or will complete the following prerequisite courses at Brescia University or are registered and following the academic plan outlined above:

Prerequisite courses in CSD: (grade of A or B required)

o CSD course in Phonetics
o CSD course in Speech and Hearing Science
o CSD course in Audiology
o CSD course in Language Development
o CSD course in Anatomy and Physiology
o CSD course in Neuroanatomy or Neurology
o CSD introductory course (or other relevant CSD course)

If the number of students who qualify for automatic admission exceeds the available space in the program, students will be accepted on the basis of highest ranked GPA. Students who do not meet the requirements for automatic admission can still apply but will be required to submit the complete application package.

*KWC Seniors who want to join the MS in SLP program after they graduate will need to complete the seven CSD prerequisite courses and any missing non-CSD prerequisite courses.

Under our current reciprocation agreement, students would be able to take six credit hours in Communication Sciences and Disorders at Brescia University (fall semester of senior year at KWC). Six credit hours of spring semester courses taken by KWC students would be charged to KWC at the discounted BUonline tuition rate. The final nine credit hours taken at Brescia University as a non-degree student would be billed to the student at the discounted BUonline tuition rate.

Collection and Evaluation of Applications

The deadline for submission of applications for August enrollment is posted on the university's website and is included in advertising material. After the deadline, late applications may be considered. The collection and evaluation of applications are processed in the order:

1. Students complete an online application. They upload required documents and request official transcripts from previous institutions (including the last 60 hours earned).
2. A Recruitment Coordinator notifies the applicant when the application is complete.
3. After the deadline for submitting applications, a Recruitment Coordinator forwards the completed applications to the Speech-Language Pathology Program Director. The Program Director and faculty review the applications, using a rubric to evaluate the personal statement, GPA, and recommendation letters.

- GPA Scoring

2.75 to 3.0 = 3 pts 3.1 to 3.5 = 4 pts 3.6 to 4.0 = 5 points GPA below 3.0 will require special consideration by faculty.

- Personal Statement (scored with a rubric)
    - The personal statement is evaluated based on the following evaluation criteria: following directions; writing skills; ability to use distance technology; the student's motivations and future career goals; the student's ability to seek consult in difficult situations; and the student's plans for managing the rigor and practicum placements. A rating of 1 on any item requires special consideration by faculty.
- The scores for the GPA, Personal Statement, and recommendation letters are summed.
- Applicants are selected based upon score, evaluation criteria, and availability of space. Personal interviews of candidates may be conducted as determined by the SLP admissions committee. These interviews are conducted through virtual technology to further rate students (if needed) based on oral communication skills and content of answers.
    - The Program Director notifies the BUonline office of the decision made for each application, within 30 days. BUOnline notifies each applicant of the decision made.

It is possible that an applicant may meet or exceed all of the admission requirements, yet not be admitted into the program due to limited space. A student may appeal the decision only if he or she believes to have been discriminated against due to age, class, color, culture, disability and ability, ethnicity,

gender, gender identity and expression, immigration status, marital status, political ideology, race, religion/spirituality, sex, sexual orientation or tribal sovereign status. Steps that should be taken in this scenario include:

- The student should submit a letter of appeal to the Speech-Language Pathology Program Director in writing within 10 working days of receiving the denial letter if he or she wishes to appeal the decision.
- The student must explain why he or she believes to have experienced discrimination and offer evidence of discrimination.
- The student's appeal will be reviewed by the Program Director and one Speech-Language Pathology faculty not involved in the original review of the application. The preponderance of the evidence standard will be used.
- The student will be notified by the Program Director of the decision within 10 working days of receiving the appeal.

If an applicant meets the eligibility criteria but is not admitted due to lack of available space, the applicant will be placed on a waiting list and given priority consideration or the next beginning cohort. The application will remain "active" on the waiting list for up to two semesters without the student needing to reapply. A student who meets the eligibility criteria but is not able to start until three semesters later will be asked to submit a written statement discussing any changes that may have occurred in the interim.

Personal Interviews

Faculty members may request a personal interview with a candidate to clarify application information, on a case-by-case basis. A minimum of two faculty members must be present during personal interviews.

If the program receives a high number of qualified candidates, personal interviews regarding CSD content may be conducted to determine finalists. Faculty members will interview and score candidates in order to select the best candidates from the pool of candidates. All candidates will be asked the same questions.

Admission Decisions

Applicants who successfully meet the admission criteria may be accepted unconditionally into the program. An applicant failing to meet the minimum admissions requirements is individually considered by the Director of the graduate Speech-Language Pathology program and its faculty.

Following the review of application materials and faculty assessments of the applicant, the SLP program's graduate admissions committee will then recommend one of the following:

1. Grant admission as a regular MS in Speech-Language Pathology student; or
2. Grant conditional admission as a regular MS in Speech-Language Pathology student pending completion of prerequisites; or
3. Deny admission.

Residency Requirement

Students must complete a minimum of 54 credits at Brescia University to graduate. In rare instances, students may request an exception by contacting the Director of the SLP Program.

Retention: Students must earn an A or B in all courses in the program. If a student earns a C in a course, the course must be retaken. If a student earns a second C in the program, the student will be dismissed from the program. Students are also required to successfully complete a portfolio assessment and knowledge and skill competencies to graduate from the program.

Credit Hours Required: 60

Experience in Lieu of Academic Credit

The program does not grant Speech-Language Pathology course credit for life experience or previous work experience under any circumstances.

Transfer Credits

The Speech-Language Pathology program may accept transfer of graduate credits under certain circumstances. Only courses in which the student received a B grade or higher are eligible for transfer. Any courses to be transferred into the program must be completed prior to the student's acceptance into the Brescia University Speech-Language Pathology Program. Once a student is accepted into the program, any courses taken subsequently at another institution cannot be transferred. Transfer credit requests will be considered as follows:

Transfer of credits from non-CAA accredited programs *(for example, graduate courses taken in a related area such as psychology or sociology)*:

A student may request the transfer of up to six (6) graduate credit hours into the Program. In rare circumstances, an exception to this rule may be granted. Transfer courses must be reasonably equivalent to, and substitute for, elective credits. Only courses in which the student received a B grade or higher are eligible for transfer. Equivalency is evaluated on a course-by-course basis and accepted upon the recommendation of the Program Director and based upon the following criteria:

1. Official transcript
2. Course syllabi, which include the name of the school, instructor's name, instructor's degree, course content, student learning objectives, and methods of assessment.
3. Course grade of A or B

OR

Transfer of credits from CAA-accredited programs:

Students who have completed some graduate courses in a CAA-accredited Speech-Language Pathology program (but did not complete the program) may request to have up to 6 credits transferred. Transfer courses must be reasonably equivalent to Brescia Speech-Language Pathology courses; or they may be accepted as elective credits. Equivalency is evaluated on a course-by-course basis and accepted by the SLP Program Director and faculty based upon the following criteria:

1. Official transcript

2. Course syllabi, which include the name of the school, instructor's name, instructor's degree, course content, student learning objectives, and methods of assessment.
3. Course grade of A or B

Practicum Education

The program strongly prefers that Practicum education requirements be completed at Brescia University; however, transfer of credits for Practicum education requirements will be considered in rare circumstances. Students must, in all cases, complete Clinical Practicum II and III at Brescia University. Students are able to transfer in 25 observation hours and up to 50 patient direct patient contact hours from their undergraduate program.

MASTER OF SCIENCE IN INFORMATION SYSTEMS

Students who wish to apply to Brescia University's MS in Information Systems program should submit the following:

1. An online application

2. Official transcript showing an earned bachelor's degree from a college or university accredited by a recognized regional accrediting association.

3. Undergraduate GPA of 2.5.

    • Upon written request, applicants with a marginally lower GPA may be considered if they address remediation of the reason(s) for the low GPA and their ability to manage successfully the demands of a rigorous graduate program. To demonstrate their academic readiness, students may choose to submit any or all of the following examples:
    • Successful completion of graduate course work
    • Strong GRE scores
    • Strong writing skills
    • Strong work history in the field (multiple years, with references).

4. Students for whom English is a second language must meet the minimum acceptable score for the Test of English as a Foreign Language (TOEFL)

    • 550 on the paper-based TOEFL, or
    • 79 on the iBT TOEFL

Experiential Credit: The MS in Information Systems Program does not grant academic credit for life experience or previous work experience in lieu of academic courses.

Note: The Program reserves the right to require an interview of any applicant.

Graduation Requirement Requirements

- Complete all course work with a GPA of 3.0.
- Complete 30 credit hours of academic work.
- Apply for candidacy after completing a minimum of fifteen credit hours and before completing twenty-one credit hours.
- Students complete all requirements within five years.

STUDENT SERVICES AND ACTIVITIES

THE OFFICE OF STUDENT AFFAIRS

True to Brescia University's Catholic, Ursuline, and liberal arts heritage, the Office of Student Affairs offers programs and opportunities that complement the curricular experience while promoting a balanced, healthy lifestyle and instilling the values of community and service. The Office of Student Affairs strives to create a secure living and learning environment centered on the student, attending to their learning process and preparing them for rewarding careers and service to others.

Each student should read the Brescia University *Catalog*, *Student Handbook*, and official announcements to be informed concerning the policies of Brescia University.

STUDENT GOVERNMENT ASSOCATION

The Brescia University Student Government Association meets bi-weekly to discuss issues and information pertinent to the student body. Representatives chosen by the Student Government Executive Board have the opportunity to be a part of every University committee affecting student life and academics. These include the Curriculum Committee, Student Welfare Committee, Retention Committee, and the Food Services Committee. Students also serve as representatives on Board of Trustees committees. See the *Student Handbook* or visit https://students.brescia.edu/student-government-association for more information.

STUDENT CONDUCT AND DISCIPLINE

Brescia University recognizes the dignity and sacredness of each person and assumes responsibility for providing a Christian atmosphere in which each individual is assisted in the process of becoming a mature and responsible member of society. Those who have chosen to become members of the University community have a responsibility to support the mission of that community. Students at Brescia have an absolute obligation to conduct themselves at all times in a manner that is compatible with a Christian institution, respectful of all other members of the University community, and in harmony with the standards of conduct established by Brescia University for the well-being of all.

Brescia students are considered mature, adult individuals and as such enjoy subsequent freedoms and responsibilities. All students, therefore, must accept the consequences of their actions. A clear explanation of student rights, responsibilities, and conduct is published in the *Student Handbook*. The Office of Student Affairs is responsible for the student conduct system. In matters of student conduct, students have a right to a fair hearing. Students who wish to become members of the Student Conduct Board may contact the Student Government Association or the Office of Student Affairs. Students should consult the current edition of the *Student Handbook* for details on the Code of Conduct, the student conduct system, and the student grievance procedures.

CO-CURRICULAR ACTIVITIES

The **CO-CURRICULUM** is the life of the University outside the classroom. It complements students' coursework and contributes to their development as responsible adult citizens. Brescia's co-curricular offerings strive to provide student gains in five key areas: Career Development, Aesthetics and Intellectual Enrichment, Interpersonal Development, Intrapersonal Development, and Physical Well-Being. See the *Student Handbook* or visit www.brescia.edu/student-activities for more information about campus events.

Athletic: Intercollegiate sports include men's soccer, cross-country, indoor and outdoor track, tennis, golf, baseball, volleyball, and basketball; women's soccer, cross-country, track, tennis, golf, softball,

volleyball, and basketball; co-ed e-sports, bowling, and cheer. The University is a member of the National Association of Intercollegiate Athletics and the Kentucky Intercollegiate Athletic Conference. The University competes on both a regional and national basis. Brescia also offers a variety of intramural sports, including volleyball, basketball, corn hole, pool, ping pong, badminton, football, soccer, and tennis.

Creative: Students can develop other talents by writing for the student newspaper or literary magazine; singing in choral groups or playing in ensembles; and getting involved in campus photography, Clay Club, or theatre productions.

Religious: In addition to regular Catholic services, the Office of Campus Ministry sponsors an active program of religious faith development, social action, and community service. The Office of Campus Ministry is located in The Moore Center, phone 270-686-4319.

STUDENT CLUBS & ORGANIZATIONS

Because of Brescia University's commitment to a holistic education of body, mind, and spirit, academic classes are not scheduled between 11 a.m. and noon on Tuesdays and Thursdays so that students may participate in co-curricular activities. In addition, some organizations meet in the evenings to accommodate working students. Social and educational activities sponsored by campus groups include the following (see https://www.brescia.edu/clubs-and-organizations for the most up-to-date list of Student Organizations):

Alpha Chi National Honor Society
Bearcat's Table
Black Student Union
Brescia Catholic Club
Brescia Students for Life
Delight Ministries
Fellowship of Christian Athletes (FCA)
Freshman Class Council (FCC)
Kentucky Educators Association Aspiring Educators (KEA-AE)
Music Club
National Student Speech – Language – Hearing Association (NSSLA)
Phi Alpha National Social Work Honor Society, Chi Psi Chapter
Psi Chi Honor Society
Psychology Club
Student Activities Program Board (SAPB)
Student Athlete Advisory Committee (SAAC)
Student Government Association (SGA)
The Thinkery

STUDENT AFFAIRS SERVICES

CAREER SERVICES

The Office of Career Services is available to help students and alumni in all phases of career planning and job placement: career exploration, resumé writing, job interview skills, and job search assistance. Employment and internship opportunities are posted regularly; for interested students, internships may also be researched and developed through the Career Services Office in collaboration with faculty advisors. For more information, please see the current edition of the *Student Handbook,* contact the Director of Career Services (the Moore Center, Room 210 MC or 270 686-4268), or visit https://www.brescia.edu/career-services.

COUNSELING & HEALTH SERVICES

Brescia University partners with the Virtual Care Group to provide tele-health and virtual counseling services to traditional students through their included fees. Online and Graduate students who are interested in utilizing care through the Virtual Care Group should contact Student Affairs in the Moore Center, phone 270-686-4332 or email StudentAffairsStaff@brescia.edu. Questions regarding care and resources may be directed to the Dean of Students or found on the Student Affairs website https://www.brescia.edu/student-life/.

INTERNATIONAL STUDENTS

The special needs of students from the international community of nations are managed by the Office of Student Affairs and the Office of Admissions.

STUDENT ACTIVITIES AND LEADERSHIP DEVELOPMENT

The Office of Student Activities and Leadership Development provides guidance and serves as a resource for students and student organizations. The goal is to help student leaders be successful in planning and executing social, cultural, educational, and recreational programs. The Office, located in the Moore Center (#209), offers out-of-classroom experiences that promote personal and leadership development.

STUDENT LIFE FACILITIES

SPIRIT SHOP

The Brescia Spirit Shop stocks art supplies, notebooks, and a wide variety of Brescia clothing and souvenirs. The shop is located in the Moore Center. Purchases may be made by cash or credit card.

MOORE CENTER (Student Center)

The Moore Center is open to students, faculty, and staff for dining, exercise, recreation, meetings, and study. Guests are welcome if accompanied by their hosts. An ID is needed to use equipment. The gym, scheduled through the athletic department, is open to all students when not scheduled.

LIBRARY

The Fr. Leonard Alvey Library provides patrons with access to thousands of print and electronic resources and is committed to serving the needs of our community. On-ground or online, patrons are able to access materials through the use of our catalog or various databases. Our databases include access to full-text journals, newspapers, videos, and more. Through the use of Interlibrary Loan, patrons can view over 10,000 library catalogs from which information can be requested. Additionally, students are able to borrow various tech equipment such as laptops, cameras, and headphones. These services, as well as borrowing privileges at local college and public libraries, are granted with proof of a valid Brescia ID.

When visiting our physical facilities, patrons have access to computers, printers, reservable rooms, and quiet study carrels on each floor. The reservable rooms are set up with projectors, charging stations, and white boards to offer users the ideal spaces for collaboration and meetings.

Information literacy classes about library usage are offered online regularly for either one-credit hour or three-credit hours. Research assistance is also provided online, in-person, or by appointment.

RESIDENCE HALLS

Evidence is clear that on-campus living promotes opportunities to build relationships with faculty, staff, and peers, factors directly linked to academic persistence. Student satisfaction with school is enhanced also by campus involvement. Availability of resources and access to facilities, organizations, and activities is greater for students living on campus. In addition, the Residence Life Staff is trained to respond to concerns and questions in a supportive and realistic fashion.

Residents living in campus housing must show that they are making an attempt to succeed academically through attending classes; failure to do so may result in removal and/or suspension from campus housing. Please see the *Student Handbook* for more details.

Merici Hall is a residence hall for new students, featuring single and double occupancy rooms, lounges, and a recreation room. **Saffer Hall** also provides single rooms for new students. Rooms in Saffer and Merici are wired for access to the internet, email, the library, and all academic resources on the network. Basic cable TV access is available in student common areas. Washers and dryers are available in each residence hall. **Young Hall** and **Trustees Hall** are student apartments that are available for upper-class students. These apartments feature five private bedrooms, two baths, a kitchen, a lounge, and laundry facilities. The student rooms in the apartments also provide computer network access. Basic cable TV access is available in student common areas. **St. Ann Hall** is a suite style hall for upper-class students, with two double rooms sharing a bathroom, large lounge and kitchen. Other residence halls in use may include: **Ursula, W. 8th Street, St. Joe. Reisz,** and **Greenwell.**

For other policies relating to Residence Life, students should see the current *Student Handbook* or visit https://www.brescia.edu/residence-life

ACADEMICS

PROGRAMS OFFERED

Brescia University offers courses leading to the Associate of Arts (AA), the Associate of Science (AS), the Bachelor of Arts (BA), the Bachelor of Science (BS), the Bachelor of Social Work (BSW), the Master of Business Administration (MBA), the Master of Social Work (MSW), the Master of Science in Clinical Psychology (MSCP), Master of Science in Information Systems (MSIS), and the Master of Science in Speech-Language Pathology (MS-SLP).

Pre-Baccalaureate Certificate

Pre-Baccalaureate certificate programs offered at Brescia are open to persons who seek foundational courses in an area identified in the catalog but are not presently interested in pursuing an Associate's or Baccalaureate degree. The courses taken in the pre-baccalaureate certificate curriculum are taken for college credit. Such courses can later apply to an Associate or Baccalaureate degree depending on the outlined major requirements. To earn a pre-baccalaureate certificate, students must:

- Finish requirements with a 2.5 cumulative GPA
- Earn all certificate requirements from Brescia University. (Transfer credits are not accepted)
- Apply for the certificate three (3) months to one (1) year prior to completion.

Note: Pre-Baccalaureate certificates do not qualify as pathways to licensure or teacher certification.

Theology

Associate of Arts Degree

Human Services
Integrated Studies
Political Science
Theology

Associate of Science Degree

Business
Engineering Studies
Engineering Technology
Health Sciences
Integrated Studies
Psychology

Bachelor of Arts Degree

Art
Art Education (P–12 Teacher Certification)
English
English with an Emphasis in *Professional Writing*
English with Secondary Teacher Certification
Graphic Design
History
Integrated Studies
Political Science

Political Science with an Emphasis in either *Public Administration/American Government* **OR** *International Relations*
Social Studies
Social Studies with Secondary Teacher Certification
Spanish (discontinued; no longer accepting new students)
Theology
Theology with an Emphasis in *Pastoral Studies*

Bachelor of Science Degree

Accounting
Agricultural Business (degree-completion program in collaboration with OCTC)
Biochemistry
Biology
Biology with Secondary Teaching Certification
Business
Business with an Emphasis in *Finance and Economics,* **OR** *Human Resource Management,* **OR** *Management*
Chemistry
Communication Sciences and Disorders
Computer Science
Elementary Education (P–5)
Financial Mathematics
Integrated Studies
Mathematics (Applied)
Mathematics with Secondary Teaching Certification
Medical Laboratory Science
Middle School Education (5–9)
Psychology
Psychology with an Emphasis in *Sports*
Special Education (LBD, P–12)

Bachelor of Social Work Degree

Social Work

Pre-Professional Programs

Communication Sciences and Disorders
Dentistry
Engineering
Law
Medicine
Optometry
Pharmacy
Pre-Nursing (A.S. in Health Sciences)
Pre-Podiatric Medicine
Pre-Physical Therapy
Veterinary Science

Post-Baccalaureate Certificate Programs

Academic certificate programs at Brescia are open to persons who have a baccalaureate degree. These certificates enhance professional development or employment opportunities and are not teacher certificates. Requirements for the certificate programs are listed in the relevant academic area. A 2.5 cumulative grade point average is required for a certificate.

Accounting
Theology

Graduate Degrees

Master of Business Administration (MBA)
Master of Science in Clinical Psychology (MSCP)
Master of Social Work (MSW)
Master of Science in Speech Language Pathology (MSSLP)
Master of Science in Information Systems (MSIS)

NOTE: Once a Brescia University student officially declares a major in any of the above academic disciplines (through the Registrar's Office), the student pursues the degree according to the published requirements in the *Catalog* of the academic year in which the major is declared. Should changes be made in the curriculum for that major, the student is given the option to update his or her degree requirements according to those changes, *or* continue to pursue the major according to the original requirements. Students are notified of any such changes by their advisors; an individual student then makes the decision about whether to move to the new requirements or not. The student and/or advisor notifies the Registrar if the student's degree requirements should be updated.

UNDERGRADUATE PROGRAMS AT BRESCIA

EDUCATION OFFERINGS:

A MAJOR is a student's primary area of academic study including not less than thirty (30) hours of designated course work, of which 50% must be at the 300–400 level.

A MINOR is a secondary area of academic study including not less than twenty-one (21) hours of designated course work, of which 25% must be at the 300–400 level.

An **EMPHASIS WITHIN A MAJOR** is a grouping of courses – not less than fifteen (15) hours – designed to provide special strength in an area, approved by the faculty of the area.

SPECIALIZED COURSES are offered in addition to the formal programs of study listed above.

INDEPENDENT STUDY may be designed by the student working under faculty direction. Application forms for such projects can be obtained from faculty advisors (on the intranet) and must be signed by the Academic Dean or Associate Academic Dean.

DEGREE REQUIREMENTS

THE ASSOCIATE DEGREE

Candidates for the Associate Degree must:

- *Earn a minimum of sixty(60) credit hours;*
- *Earn a minimum of twenty-four (24) hours of General Education courses including:*

Eng 101 and Eng 102	6 credits
(Students who receive Advanced Placement Credit in English may fulfill their 6-hour writing requirement by taking either Eng 101 and Eng 102 OR Eng 102 and one of the following: Eng 292, Eng 300, or Eng 301.)	
Sph 110 *OR* Drm 120	3 credits
Theology elective	3 credits
Natural Science and Mathematics elective	3 credits
Fine Arts (Art or Music or Theatre Appreciation) elective	3 credits
Social and Behavioral Sciences elective	3 credits
Free elective from approved list of General Education courses	3 credits

- *Demonstrate college-level competency in mathematics, reading, and writing (cf. Assessment and Placement Policies, p. 44); computer competency demonstrated according to degree requirements;*
- *Complete a minimum of thirty (30) hours in a specialization;*
- *Complete a major program of study with a 2.5 grade point average (a "C" or better in all upper-division courses in the major);*
- *Achieve a cumulative grade point average of 2.0; and*
- *Apply for the degree three (3) months to one (1) year prior to graduation.*

THE BACHELOR'S DEGREE

Candidates for the Bachelor's Degree (or Baccalaureate Degree) must:

1. *Earn a minimum of one hundred twenty (120) credit hours, of which at least thirty-nine (39) credit hours are in upper-division courses, that is, more advanced courses bearing a 300 or 400 number;*
2. *Complete fourty-eight (48) credit hours of General Education courses, as described in GENERAL EDUCATION REQUIREMENTS; computer competency must be demonstrated according to the requirements of the degree;*
3. *Demonstrate college-level competency in mathematics, reading, and writing (cf. Assessment and Placement Policies);*
4. *Complete a major program of study with a 2.5 grade point average (a "C" or better in all upper-division courses in the major and minor; students are encouraged to select courses from different disciplines when choosing their free electives [typically a maximum of 60 credit hours in the major field can be applied to the degree unless certification requires additional hours];*
5. *Achieve a cumulative grade point average of 2.0 on a 4.0 scale; and*
6. *Apply for the degree three (3) months to one (1) year prior to graduation.*

In order for a student to participate in the spring commencement, the student must have completed requirements or have no more than a maximum of nine (9) hours to complete. A plan must be filed with the Registrar detailing how those hours will be completed by the end of summer school, and the student must be pre-registered for summer school.

Double Majors: It is possible to major in more than one area; such double majors may require more than the minimum 120 hours required for graduation and should be planned carefully with the faculty advisor. A maximum of two courses from one major may be included as electives in the other major. A course may count in a maximum of two (2) designations (for example, minor and GER). A student who declares a second major must indicate one of the majors as the primary major and satisfy the GER based on that major's requirement. The student must meet with both advisors and secure both signatures on all registrations and other pertinent forms.

Brescia graduates returning to the University to obtain a second major are considered to have met all GER unless the courses are a requirement of the new major.

Simultaneous Degrees: An associate and a bachelor degree in two different disciplines may be conferred simultaneously, but an associate degree may not be conferred simultaneously with a bachelor degree in the same discipline. Intention to earn an additional degree must be declared to the Registrar a year in advance of the anticipated completion date, with the approval of the program head and advisor. Two baccalaureate degrees may not be awarded in the same year.

GENERAL EDUCATION CORE CURRICULUM

The purpose of the University General Education Requirements is to help the student develop the values, knowledge, and skills characteristic of an educated person. As an academic program in a liberal arts institution, Brescia University's General Education Program will provide students with:

1. a common knowledge base;
2. a broad perspective by way of first-hand experience of the western academic liberal arts tradition through reading, writing, problem-solving, creating, interpreting, and assessing;
3. key skills and tools to apply to academic and life situations;
4. opportunities to describe, discuss, examine, summarize, and critique the challenges and opportunities of our modern world.

By taking a variety of lower- and upper-division General Education courses in a variety of academic disciplines beyond their major field of study, Brescia University students can expect to attain the following academic competencies or student learning outcomes:

BU GENERAL EDUCATION STUDENT LEARNING OUTCOMES

In order to provide Brescia University graduates with a well-rounded and holistic education, and flowing from the liberal arts character of the University, Brescia University offers students a robust General Education Program that supports and enhances their chosen majors. All General Education courses address and measure the first three of these Outcomes; numbers four through seven are discipline-specific. As a result of Brescia's General Education Requirements (GER):

a. Students will read perceptively, write clearly and analytically, and speak effectively.

b. Students will think critically.

c. Students will synthesize and process information using traditional and technological tools.

d. Students will develop their knowledge of theology and philosophy, harmonizing that knowledge with other disciplines.

e. Students will recognize and analyze the impact of fine art, literature, and language on culture, civilization, and the individual.

f. Students will analyze the impact of the events, theories, and traditions that shape human behavior and societies of the world.

g. Students will apply the central concepts of mathematics and methods of natural science to the solutions of real-world problems.

GENERAL EDUCATION REQUIREMENTS

The following categories within the University curriculum indicate academic areas from which students take courses to fulfill General Education Requirements (GERs):

Language and Literature	*Credit Hours*
Eng 101 – Writing I and Eng 102 – Writing II	6
(Students who receive Advanced Placement (AP) Credit in English may fulfill their 6-hour writing requirement by taking either Eng 101 and Eng 102 ***OR*** Eng 102 and one of the following: Eng 292, 300, or 301; eligible AP credits may count as free electives.)	
(*Dual credit students* taking Eng 101 and/or Eng 102 as part of their high school curriculum should be advised that the completion of a major research paper is required in Brescia University's Eng 102; thus, University expectations are that dual credit students have developed this research/writing competency.)	
Literature	3
Modern Languages	3
Language or Upper-Division Literature Elective	3
Religion and Philosophy	
Theology	3
Philosophy	3
Fine Arts	
Art, Music, ***OR*** Theatre Appreciation	3
Fine Arts Elective	3
Natural Science and Mathematics	
Mathematics (College-level math – see specific degree requirements)	3
Science	3
Social and Behavioral Sciences	
History (global perspective)	3
Psychology or Sociology	3
Social or Behavioral Elective	3
GER Electives	
GER elective	3
GER elective	3

If major requirements include any field in which General Education courses are required, additional courses in that field are not required to meet General Education Requirements [e.g., students majoring in theology are not required to take three (3) additional hours in theology for General Education]. Elective General Education Requirements may be related subject requirements, but not major requirements. Appropriate computer competency is required for each major.

Restrictions:

1. No more than six (6) credit hours in one discipline may count for General Education Requirements.
2. At least six (6) credit hours satisfying General Education Requirements must be upper-division credits.
3. Unless competency has been demonstrated through ACT/SAT scores, each student is required to demonstrate college-level competency in mathematics (MTH 009 and/or MTH 010), reading (IDC 009), and writing (ENG 010) before admission to sophomore standing. Thus, students will not be allowed to register for sophomore-level classes (generally 200- and some 300-level courses) unless these have been completed or are part of the student's current registration.
4. A student who has completed sixty (60) credit hours will not be allowed to register unless ENG 102 has been completed or is part of current registration.
5. Some Articulation Agreements may have exceptions to these specific requirements. Advisors should consult the VPAA when in doubt.

Note: The Curriculum and Standards Committee has approved for Brescia's baccalaureate degree to change to a total of 120 credit hours effective in the fall of 2022. Students have the option to continue under the Catalog which they entered (128 hours required for graduation) or change to the fall 2022 requirements of 120 hours required for graduation.

COURSES APPROVED FOR GENERAL EDUCATION:

The following specific courses in the University curriculum may be used to fulfill General Education Requirements (GERs):

Language and Literature

Writing — Eng 101 and Eng 102

(Students who receive Advanced Placement Credit in English may fulfill their 6-hour writing requirement by taking either Eng 101 and Eng 102 ***OR*** Eng 102 and one of the following: Eng 292, 300, or 301).

(Dual credit students taking Eng 101 and/or Eng 102 as part of their high school curriculum should be advised that the completion of a major research paper is required in Brescia University's Eng 102; thus, University expectations are that dual credit students have developed this research/writing competency.)

Literature	Eng 201, Eng 202, Eng 203, Eng 204, Eng 250H, Eng 321, Eng 322, Eng 330, Eng 331, Eng 341, Eng 342, Eng 350, Eng 355, Eng 360, or Eng 395
Modern Languages	Frn 101, Frn 102, Frn 201, Frn 202; Spn 101, Spn 102, Spn 201, Spn 202, Spn 312, Spn 314, or Spn 315
Speech	Sph 110 or Drm 120
Elective	Modern Language or Upper-Division Literature courses listed above

Religion and Philosophy

Theology	Th 101, Th 105, Th 110, Th 219, Th 223, Th 250H, Th 302, Th 303, Th 304, Th 305, Th 306, Th 310, Th 312, Th 318, Th 320, Th 499H, or IdC 310
Philosophy	Phl 103, Phl 104H, Phl 110, Phl 150H, Phl 231, Phl 300, Phl 301, Phl 325, Phl 346, Phl 347; or IdC 389

Fine Arts

Appreciation	Art 180; Mus 100; Drm 141; or Mus 150H
Electives	Art 101, Art 111, Art 160, Art 171–175, Art 181, Art 212, Art 225, Art 240, Art 280, Art 281, Art 340, Art 370, Art 380, Art 382, Art 384, Art 386, Art 419, Art 480, Art 481; Drm 120*, Drm 321, Drm 325, Drm 381; Mus 110, Mus 150H, Mus 170–177, Mus 180–187, Mus 190–197, Mus 200, Mus 305; IdC 389 or other appreciation courses

*NOTE: If Drm 120 is used to fulfill the GER "Language and Literature" requirement, it may NOT be used as a Fine Arts GER course.

Natural Science and Mathematics

Mathematics	Mth 101, Mth 102, Mth 103, Mth 111, Mth 112, Mth 113, Mth 204, Mth 211, Mth 212, or Mth 310
Science	Bio 100, Bio 104H, Bio 105 (with L), Bio 110, Bio 112, Bio 115 (with L), Bio 150H, Bio 215 (with L), Bio 300 (with L), Bio 301 (with L), Bio 325 (with L); Chm 100, Chm 101 (with L); PhS 100, PhS 104, PhS 105, PhS 110, or PhS 150H
Elective	CS 101, CS 103, CS 105, CS 107, CS 108, CS 109, CS 110; IdC 100, IDC 205 or any additional course from those listed above for this category

Social and Behavioral Science

History	His 101, His 102, His 205H, His 318, His 320, His 325, His 332, or His 339 (global perspective)
Psychology or Sociology	Psy 105, Psy 201, Psy 230, Psy 260, Psy 300, Psy 360; or Soc 204
Electives	Eco 201, Eco 202, Eco 204, Eco 205H; His 201, His 202, His 311, His 312, His 316, His 317, His 330, His 333, His 334, His 340, His 342; Pls 100, Pls 202, Pls 205H, Pls 215, Pls 250, Pls 303, Pls 411; SW 280, SW 301, SW 302, SW 310, SW 312,SW 499H, or IdC 310

ACADEMIC POLICIES AND PROCEDURES

ACADEMIC ADVISING

Consultation with an advisor is essential to the development of a sound academic program. Each new traditional freshman is advised by her/his BU 101 instructor until the student is ready to enroll as a second-semester freshman. At that time, these students, like all other Brescia University students, are assigned an advisor from her/his area of interest or from a team especially designated for advising exploring (undecided) students. All incoming BUOnline students are assigned professional advisors.

Advisors' responsibilities extend beyond academic advising to include an interest in the personal and career needs of their students. The Career Services Office provides additional career advisement.

ACADEMIC HONORS

***The Honors College*:** The Honors College is an academic and co-curricular community of intellectually talented and ambitious undergraduate students who are coached, advised, and mentored by faculty and staff in development and promotion of educational, social, spiritual, and service opportunities. Details are found in this *Catalog,* (see Honors College description). For further information, students should contact the Coordinator of the Honors College.

***Dean's List*: Undergraduate** students who carry twelve (12) credit hours or more per semester and attain a grade point average of 3.5–4.0 will be placed on the Dean's List, published at the end of each semester. Students with incomplete (I) grades are not eligible. Pass/Fail courses do not count towards the 12 credit hours needed to be eligible for the Dean's List.

Degree Honors*:** The bachelor's degree is awarded with honors to students who have maintained a high degree of excellence in completing degree requirements. The diploma is conferred ***cum laude on students who have a cumulative grade point average (GPA) of 3.5**;** ***magna cum laude*** on those with a cumulative GPA of 3.7; or ***summa cum laude*** on those with a cumulative GPA of 3.9 or higher.

NOTE: Students with **transfer credits** may graduate with honors, provided they have earned **a minimum sixty (60) credit hours at Brescia** and have attained the designated GPA on all credits applied towards graduation.

ACADEMIC HONOR SOCIETIES

Alpha Chi: Juniors and seniors of good character who have at least a 3.5 cumulative GPA and have attended Brescia for one academic year are eligible for active membership in **Alpha Chi**, a national honor society.

Phi Alpha: Undergraduate social work majors and MSW students who've completed at least nine (9) SW hours, completed at least 37.5% of the degree requirements, and rank in the top 35% of their class are eligible for active membership in **Phi Alpha.** Brescia University's Chi Psi chapter of **Phi Alpha** the national social work honor society. The Chi Psi chapter is dedicated to fostering high standards of education for social workers and promoting humanitarian goals and ideas.

Psi Chi: Psi Chi is an international honor society whose purpose shall be to encourage, stimulate, and maintain excellence in scholarship of the individual members in all fields, particularly in psychology, and to advance the science of psychology.

REQUIREMENTS FOR MEMBERSHIP

Undergraduate students

- be enrolled as a major or minor in a psychology program or a program psychological in nature
- have completed at least 3 semesters or equivalent of full-time college coursework
- have completed at least 9 semester credit hours or equivalent of psychology courses
- have earned a cumulative GPA that is in the top 35% of their class (sophomore, junior, or senior) compared to their classmates across the entire university or the college that houses psychology (minimum GPA of 3.0 on a 4-point scale)
- have a minimum 3.0 GPA average for psychology courses

Graduate students

- be accepted into and enrolled in a psychology or closely related graduate program
- have completed at least 9 semester credit hours of graduate psychology courses in that program
- have an overall GPA of at least 3.0 in all graduate courses including psychology courses
- meet their graduate program's requirements (e.g., if specific courses require an A or B, students must meet those requirements even if their cumulative GPA is above 3.0)

ACADEMIC INTEGRITY

An instructor who becomes aware of an act of deliberate academic dishonesty, including plagiarism, should report the student(s) involved to the Academic Dean and describe the disciplinary action proposed. ("Plagiarism" is defined as the deliberate use of another's ideas, work, or words as one's own, without properly documenting and crediting the original source. NOTE: Students are expected to learn to cite sources correctly in papers; even if plagiarism is not deliberate with the intent to cheat, ignorance of how to cite is not acceptable for college-level work.) Purchasing or copying another's work (such as test/homework answers or paper content) and using it as one's own, cheating on tests, refusing to do one's share of group work for which all will receive the same grade, and not doing one's own homework are other examples of academic dishonesty, as is using a paper from one class as an assignment for another class without permission of instructor. Instructors post within syllabi their individual policies regarding academic integrity and the consequences for violating that policy (generally a 0% for the assignment). All instances of academic dishonesty are reported to the Academic Dean.

If the incident is particularly damaging to the University or if the proposed disciplinary action seems out of proportion to the gravity of the incident, the Academic Dean may interview the student(s) personally. After conferring with the faculty member, the Academic Dean will either support the proposed disciplinary action or recommend an alternative. Academic dishonesty is so serious that a repeated offense will result in the student being placed on Academic Probation; additional penalties may also be imposed. Continued violations of academic integrity may result in the Academic Dean's decision to suspend or dismiss the student. Any student who believes that s/he has not had a fair hearing or that the severity of ACADEMICS 52 the penalty is unwarranted may appeal to the Academic Dean within ten (10) days for a hearing by an ad hoc board similar to that used for grade review appeals.

While we do not have an officially adopted policy on AI and the appointed Taskforce is in progress, there is an initial recommendation for faculty to consider adopting this statement to include AI in the definition of plagiarism: ("Plagiarism" is defined as the deliberate use of another's ideas, work, or words as one's own, without properly documenting and crediting the original source.)' to: '("Plagiarism" is defined as the deliberate use of ideas, work, or words as one's own that are the product of another entity, e.g., person or AI, without properly documenting and crediting the original source.)' or "another person or AI" or similar sentiment. It is recommended for instructors to communicate their expectations regarding use of AI in their course to students in the syllabus.

ACADEMIC PROBATION, SUSPENSION, AND DISMISSAL

A full-time undergraduate student whose grade point average (GPA) falls below 1.5 for any single semester or who fails to attain the required cumulative GPA for hours attempted will be placed on academic probation. Part-time and BUOnline students taking 6–9 credit hours per semester must also maintain appropriate GPAs listed below or face academic probation. In general, a student will be permitted to remain on probation for no more than two semesters.

Hours Attempted	Cumulative Grade Point Average (GPA)
6–30	1.5
31–48	1.7
49–89	2.0
90+	2.25

A student whose GPA for any semester is below 1.5 may be suspended for one semester. A student is suspended for one semester following two semesters of academic probation. Students applying for readmission following ***academic suspension*** must receive permission of the Academic Dean. (Students on ***financial aid termination*** must contact the Director of Financial Aid to resolve the issue.)

NOTE: Students may also be placed on academic probation for repeated violations of Academic Integrity.

Following a thorough investigation by the Vice President of Academic Affairs/Academic Dean and the University's Care Team, a student who has stopped attending all classes by mid-term may be suspended (with "F" on transcript). This administrative "F" suspension may also be imposed after mid-term if appropriate. If the student wishes to appeal this decision, s/he must contact the VPAA within ten (10) days of the written/email notification of suspension and file a grievance (see *Student Handbook*). Contact the Academic Dean for more details.

Academic probation for an additional two semesters following the reinstatement after a suspension will result in dismissal. Any appeals for exception to the academic probation, suspension, and dismissal policies should be directed in writing to the Academic Dean.

ACCESS TO RECORDS

According to the 1974 Family Educational Rights and Privacy Act (FERPA), students have the right to

- inspect any official academic record directly relating to them, including all materials in the cumulative record folder;
- a hearing to challenge the contents of these records to ensure that they are accurate and in accord with student rights; and request that any such records be corrected, amended, or supplemented.

Request forms are available on the Brescia website's (www.brescia.edu) Registrar's Office page.

Unless students specifically waive their rights within the Act, the only information given out about them will be directory information as described by the Act. Faculty advisors and other individuals responsible for the academic progress of the student, however, may inspect the academic records. Requests for information concerning this Act should be directed to the Office of Student Affairs.

ASSESSMENT AND PLACEMENT POLICIES

(For students out of High School for less than three years)

Students with Less Than 18 in English and/or Reading ACT

First-time students enrolled in a degree program who score 17 or lower on the English ACT must complete Eng 010 with required tutorial laboratory sessions weekly in addition to the classroom instruction. When receiving a score of 17 or lower on the Reading ACT, first-time students must complete IdC 009.

Transfer students enrolled in a degree program will be placed in Eng 101 unless they have not successfully passed a college-level course in English 101; in that case, the student will be placed in Eng 010.

Students with Less Than a 19 in Math ACT

First-time students enrolled in a degree program who score less than 19 on the Math ACT will be placed in either Mth 009 or Mth 010. Students in Mth 009 and Mth 010 are required to register for lab sections for tutorial sessions in addition to the classroom instruction.

Degree-seeking transfer students who have not taken and successfully passed a course (C or above, since a D-grade course does not transfer) at the College Algebra level or higher will be placed in a math course based either on a math department placement test or the recommendation of the Chair of the mathematics area.

BUOnline students with a recent ACT score of 18 or lower will be placed in Mth 090OL. Students without current ACT scores will be placed either in Mth 090OL or in the math course recommended by the Chair of the Mathematics area. Online students needing Mth 010 but unwilling to take the course will be placed in Mth 111; however, should they not be successful, they must take Mth 090OL before repeating Mth 111.

Transfer students with successful courses at the College Algebra level or higher and at the Eng 101 level or higher do not need developmental courses in the area.

Conditionally-admitted students are limited to thirteen (13) hours the first semester. After mid-term reports, a professional advisor will review their records and, if needed, consult with the University's Care Team and the VPAA before registration is allowed for the second semester.

Demonstrating Competence: Unless competency has been demonstrated through ACT or SAT scores, each student is required to demonstrate college-level competency in mathematics (MTH 009 and/or MTH 010 – latter requires a minimal C grade), reading (IdC 009), and writing (ENG 010) before admission to sophomore standing. Thus, students will not be allowed to register for sophomore-level classes unless these have been completed or are part of the student's current registration. In addition, a student who has completed sixty (60) credit hours will not be allowed to register unless ENG 102 has been completed or is part of current registration.

ON-CAMPUS CLASS ATTENDANCE

Class attendance is a vital part of the academic experience, and students should make every effort to attend all class sessions. Students are strongly encouraged to adopt schedules that maximize their class participation. Those who miss classes are responsible for missed academic work and classroom instruction. They must coordinate with instructors to complete missed assignments and obtain classroom materials, notes, and instructions. Students must notify instructors in writing at least 24 hours in advance of any anticipated class absence, including those listed below as excused absences:

- Scheduled athletic competition
- Scheduled make-up season and post-season athletic competition
- Sanctioned performing arts appearances approved by the Dean of Students and/or the VPAA
- Specifically, sanctioned events approved by the Dean of Students
- Specifically, sanctioned events approved by the Academic Dean
- Serious illness (more than one week's missed class periods) with healthcare provider documentation

Participation in certain University events and/or work-related travel may—at the discretion of the faculty member—constitute an excused absence. It is the instructor's responsibility to inform students of the attendance policy in his/her syllabus. For excused absences, instructors will not penalize students for missed work, including but not limited to course assignments, attendance/participation grades, and final course grades (assuming the student has submitted the work in a timely manner).

A student missing 20% or more of scheduled course meetings for unexcused absences may be denied credit for that course unless there are extenuating circumstances and the student demonstrates adequate comprehension of course content. Students who miss class for serious and extended illnesses may request the assistance of the Dean of Students' or Academic Affairs office in notifying their faculty members. The responsibility of arranging to make up missed assignments or to submit assignments late belongs to the student.

READING DAY POLICY

In each semester, Brescia University will include one or more reading day(s) in the Academic Calendar for on-ground courses. The reading day(s) shall take place after the end of normal class meetings for on-ground classes and prior to the start of final examinations. Reading days allow students the time to reflect, review, and study for exam week without university scheduled activities.

MODERN LANGUAGE EXEMPTION

Students who provide evidence that they completed at least two years of education in a secondary or post-secondary school where the primary language is not English may request exemption from the modern language requirement. Highschool or university transcripts can be used to fulfill this requirement. In special circumstances where such transcripts may be unobtainable, a student may request a waiver from the Office of Academic Affairs.

ARTICULATION AGREEMENTS

Kentucky Community and Technical College System (KCTCS)

Brescia University's articulation agreement with the Kentucky Community and Technical College System (KCTCS) awards any graduate of a KCTCS institution with an Associate of Arts (AA) or an Associate of Science (AS) degree up to 67 transfer credit hours. An AA or an AS degree will also satisfy up to forty-eight (48) hours of Brescia University's General Education Requirements (GERs), provided the student completes at least one class in world/global history, modern language, literature, fine arts, philosophy, and religion (theology). Any of these courses not completed at a KCTCS institution must be completed at Brescia University, along with at least six (6) upper division credit hours (300–400 level) of Brescia's General Education courses (completed as part of the student's free electives). Using the framework of the broader KCTCS articulation agreement, narrower articulation agreements regarding specific academic programs such as Business and Theatre have been developed with Owensboro Community and Technical College (OCTC). Finally, transfer agreements are in place for OCTC graduates with an AAS degree that, with careful planning, will allow students to earn a BS in four years in majors such as Agricultural Business and Integrated Studies.

Brescia University's articulation agreement with the Kentucky Community and Technical College System (KCTCS) awards any graduate of a KCTCS institution with an Associate of Applied Science (AAS) up to 77 transfer credit hours towards the Bachelor of Integrated Studies. KCTCS AAS graduates can use up to 24 hours of their applied science major as one of two concentrations at Brescia University. Students can transfer Math 100 or higher to meet the general education math requirement for the Brescia University Integrated Studies bachelor's degree. Most students transfer every course with a grade of C or higher completed at KCTCS towards their bachelors' degree at Brescia University. Any general education, including six credit hours of upper division (300-400) not completed at KCTCS must be completed at Brescia University.

Exceptions to Articulation Agreements

Certain majors may require specific courses within the GER; such requirements will take precedence over any articulation agreement. Students should consult the major requirements described in the Academic Programs section of this *Catalog* at (http://www.brescia.edu/university-catalog).

In addition to these more broad-based articulation agreements, Brescia University has other articulation or affiliation agreements that assist Brescia students. These include the following:

Owensboro Health, Inc.:

According to this affiliation agreement, Owensboro Health Inc. (OH) agrees to provide clinical education for qualified Brescia University Medical Laboratory Science majors during their fourth year of study. OH provides a 12-month clinical training program that earns admitted students 36 credit hours Students pay a discounted Brescia University tuition rate during this internship year. See the Medical Laboratory Science major.

University of Louisville (U of L) School of Nursing:
Brescia University also has an agreement with the University of Louisville's School of Nursing that guarantees four spaces per academic year (two in the fall semester and two in the spring semester) in the upper-division nursing program at the Owensboro site. Brescia faculty select the two students for placement based on certain academic and other criteria. Brescia students interested in this nursing option complete the two-year associate degree in Health Sciences, designed around U of L nursing requirements, before moving into the four-year program with U of L. See the Health Sciences major.

Aquinas Institute of Theology:
According to this agreement, Brescia University Theology majors (with an Emphasis in Pastoral Studies) can earn six hours of advanced standing in either of Aquinas's two theology programs: M.A. in Theology or M.A. in Pastoral Studies. See the Theology major.

St. Meinrad School of Theology:
Brescia University and St. Meinrad School of Theology in southern Indiana have an articulation agreement that enables Brescia Theology majors (with an Emphasis in Pastoral Studies) to earn an accelerated B.A. from Brescia and a Master of Theological Studies from St. Meinrad. According to this agreement, up to 18 hours of the Brescia Theology degree can be applied toward the Master's degree as long as certain qualifications are met. See the Theology major.

Kentucky Wesleyan College Exchange Agreement:
In cases of personal interest or schedule conflicts, students at Brescia University may take fall or spring semester courses at Kentucky Wesleyan College (KWC) at no additional cost and within the Brescia's registration and grading procedures. KWC and BU allow students at the home institution to enroll in classes at the companion institution without the payment of additional tuition or fees. Student course enrollments must be approved by the Academic Dean of the home institution, and may be processed through the home institution's Office of the Registrar. Some limitations with the number of major courses exist. Students should consult their academic advisor or registrar@brescia.edu with specific questions.

Currently, this exchange does not apply to Travel Courses, Summer Session, or Non-traditional or Experiential Education. Furthermore, students from the home campus will have first priority for registration. Consequently, if a class closes, students from the other institution will not be allowed to enroll in the class.

KWC and BU online classes and functions separately to the previously existing
exchange. Online class offerings should be reserved for online students. It is important to note that each institution has unique learning platforms and independent start and end dates. It is ultimately the student's
responsibility to maintain their class schedule and familiarize themselves with course systems.

Vincennes University
The purpose of this agreement is to provide a framework for the transfer of credits earned in the Associate of Science in Social Work degree at Vincennes University to the Bachelor of Social Work at Brescia University.

The faculty of both institutions have worked together to develop the attached listing of course equivalencies, course requirements for the Associate degree, and course requirements for the completion of the Baccalaureate degree. The agreement is in effect for courses taken beginning Fall 2024. All course work taken prior to Fall 2024 will be evaluated by Brescia University faculty to determine transferability of course work.

CIC Online Course Sharing Consortium (CIC-OCSC)

The CIC Online Course Sharing Consortium (CIC-OCSC), through an agreement with Acadeum, facilitates online course sharing among CIC members. The CIC agreement ensures courses shared with Brescia University (home institution) and teaching institutions share similar curricular goals, philosophies of education, standards of academic quality, and a commitment to the liberal arts and are approved in advance by BU faculty. Courses taken through the Acadeum platform are considered institutional credit and impact student GPA and graduation requirements the same way BU courses do.

- If enrolled as an on-ground student, students must take courses required for their degree in the on-ground format if available at Brescia University.
- If enrolled as an on-ground student and a course required for their degree is only offered online by Brescia University, students must take the course through Brescia University in the online format.
- If enrolled as an online student, students must take courses through Brescia University if offered in the online format.
- Students may take no more than 1/3 of major requirements through transfer, Consortium, or non-traditional credit.
- A student can apply no more than 86 hours of transfer, Consortium, or non-traditional credit toward a bachelor level degree and no more than 42 hours of transfer, Consortium, or non-traditional credit toward an associate level degree.
- All registrations are dependent on Brescia University approval on a case-by-case basis.

CLASSIFICATION OF STUDENTS

A **freshman** is a student who has completed fewer than thirty (30) credit hours. A **sophomore** has completed between thirty (30) credit hours but fewer than sixty (60)**.** A **junior** has completed sixty (60) credit hours but fewer than ninety (90). A **senior** has completed ninety (90) or more credit hours. A **non-degree student** is one who is not pursuing a formal program of studies at Brescia.

Note #1: Unless competency has been demonstrated through ACT/SAT scores, each student is required to demonstrate college-level competency in mathematics (MTH 090 and/or MTH 010), reading (IDC 009), and writing (ENG 010) before admission to sophomore standing. Thus, students will not be allowed to register for sophomore-level classes (most 200-level and introductory 300-level courses) unless these have been completed or are part of the student's current registration.

Note #2: A student who has completed sixty (60) credit hours will not be allowed to register unless Eng 102 has been completed or is part of current registration.

COURSE LOAD

A **full-time** undergraduate student carries a minimum of twelve (12) credit hours per semester. A **part-time undergraduate student** carries fewer than twelve (12) credit hours per semester. The normal course load for a full-time student is 15 to 18 credit hours per semester. For online students, the standard load is 12 hours per semester, with no more than nine (9) per module. In order to carry more than eighteen (18) hours, any student must have a 3.75 cumulative GPA or permission of the Academic Dean. See Graduate Degree programs for more information on Graduate course load.

CREDIT HOUR POLICY

In conformity with best practices, the traditional "Carnegie Unit," and the U.S. Department of Education, Brescia University generally defines a *credit hour* as represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates the following, regardless of delivery mode:

1. One hour of classroom or **direct faculty instruction** and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks for one semester hour, or the equivalent amount of work over a different amount of time, or
2. At least an equivalent amount of work as required in paragraph one of this definition for other academic activities as established by the institution, including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

*According to long-standing tradition, a "class hour" in most schools lasts only 50 minutes, which allows 10 minutes for students to change classrooms before the next class starts.

**"Direct faculty instruction" includes regular and substantive faculty/student contact, regardless of delivery mode (face-to-face, hybrid, distance/online).

Brescia University, which operates on a semester system, currently delivers undergraduate and graduate coursework in both face-to-face and online delivery modes.

Brescia University implements this policy according to the following definitions:

1. Undergraduate "semester credit hours" in terms of the Carnegie Unit and U.S.D.E. – one hour of "seat time" per week in the classroom, or direct faculty instruction, plus another two hours of out-of-class student work each week for approximately 15 weeks for one semester represents one "semester hour" of credit. Accordingly, a 1-credit course represents a total of 45 hours of study (1 hour of "seat time" + 2 hours outside class x 15 weeks = 45 hours). A 3-credit course represents a total of 135 hours of study (1 hour of "seat time" + 2 hours outside class x 15 weeks x 3 credits = 135).

2. As it relates to undergraduate online courses, the U.S.D.E. provides a conversion standard of [a minimum] of 37.5 clock hours per semester hour. Accordingly, a 1-credit online course must include a minimum of 37.5 clock hours of student learning activities (presentations, reading, assignments, discussions, faculty interactions, and other such activities.) and a typical 3-credit online course must include a minimum of 112.5 clock hours (37.5 x 3) of student learning activities. Note that 37.5 clock hours is equivalent to 45 Carnegie "hours," provided that one Carnegie "hour" is considered to be 50 minutes in length. Graduate "semester credit hours" as one hour of "seat time," or direct faculty instruction, plus another *three* hours of out-of-class student work. Accordingly, a typical 1-credit graduate course represents a total of 60 hours of study. A typical 3-credit graduate course represents a total of 180 hours of study.

Using the U.S.D.E.'s conversion rate, a 1-credit graduate online course represents a total of 50 hours of study, and a typical 3-credit graduate online course represents a total of 150 hours of study.

EXPERIENTIAL EDUCATION

Experiential Education is a carefully monitored, pre-planned opportunity for active learning through internships, field studies, cooperative education, community service-learning, practica, cross-cultural programs, and other forms (see National Society for Experiential Education: NSEE). Based on input from this organization and standard practice, Brescia University guidelines include:

i. *Goals that translate into measurable objectives must be established jointly by the program faculty, the student, and the organization or person on-site.*
ii. *The student has the primary responsibility for securing the position from an institutionally-approved list; however, the faculty in the program area and the placement director may provide assistance.*
iii. *The organization must provide a work supervisor who will help the student adapt to the work, evaluate the work performance, and support the learning.*
iv. *The program area must have a system for evaluating work positions and individual work supervisors.*
v. *Experiential education may include paid positions, but not all positions will include payment. In certain areas payment is unethical.*
vi. *The educational goals and objectives must be signed by the student, faculty sponsor, and work supervisor and be filed in the Office of the Academic Dean.*
vii. *The faculty sponsor is responsible for preparing students for effective work and learning. This responsibility may be delegated, but the faculty member must assure that the preparation is provided.*
viii. *The experiential education must include a process to assist students to learn from the experience. Acceptable approaches include seminars, telephone visits, written reports, journals, logs, simulation exercises, campus interviews, and work-site visits. All programs are encouraged to include some group activities, since a group process enhances reflection on the experience.*
ix. *All Brescia University internships except those governed by external regulating agencies are required to have a minimum of 40 contact hours per credit hour received for the course.*

In addition, summer experiential learning experiences at a distance of more than 100 miles from the University must have a person on-site who represents Brescia University and assumes the faculty supervisory responsibility; in addition to a Brescia University faculty member who assumes academic supervision.

GRADES AND CREDITS

Grading System: Letter grades are assigned for each course and are translated into quality points for the permanent record by multiplying the number of credit hours for the course by the quality point value for the particular grade.

Example:

1. A grade of "B" for a 3 credit hour course would earn:
   3 credit hours x 3 quality points = 9 quality points.
2. A grade of "B" for a 4 credit hour course would earn
   4 credit hours x 3 quality points = 12 quality points.

For computing the grade point average, the total quality points are divided by the number of credit hours attempted.

Grade Symbol	*Value in Quality Points*	*Description*
A	4	Superior Performance
B	3	Above-Average Performance
C	2	Average Performance
D	1	Passing, but below average
P	0	Passing, but ungraded*
F	0	Failure
I	0	Incomplete
W	0	Withdrawal

***Pass-Fail Grades:** Courses designated as Pass or Fail are noted in the course description.

Incomplete Grades: The grade "I" indicates that the student has not completed course requirements due to extenuating circumstances; merely "not getting the work done" is not grounds for an incomplete. When a faculty member grants an "I" grade, if the expected grade without completed work is other than an "F," that grade must also be filed with the Registrar. Students must submit all required work for incomplete grades no later than 3 weeks after the end of the course. Faculty must submit the grade change form for incomplete grades to the Registrar's Office on Tuesday following the third week after the course ends by noon CST. If the deadline is sooner than three weeks after the course ends, a statement indicating the agreed upon deadline must be signed by the faculty member and the student and submitted to the Registrar along with the statement of work required to complete the course. It is the student's responsibility to arrange for the completion of the work in consultation with the instructor for the course. Failure to remove the incomplete grade by the given deadline will result in an automatic F or (alternatively posted grade) for the course.

Withdrawal: An on-campus student withdrawing from a class must obtain a withdrawal form from either the Registrar or advisor, obtain required signatures, and return the form to the Registrar. A student withdrawing from the University is encouraged to complete an Exit Interview.

A student who stops attending class is <u>not</u> automatically withdrawn and may receive an "F" for the course if withdrawal procedures are not followed.

A course that is dropped during the drop/add period will not be entered on the permanent record. From the end of the drop/add period to the withdrawal deadline, the grade "W" will be recorded. Students who stop participating without formally withdrawing will receive a "F" for the course.

Auditing Courses: An **auditor** is one who attends classes without being obligated to complete assignments and without receiving academic credit. Auditors are not entitled to individual assistance from the instructor. Courses that inherently demand full and active participation may not be audited. The fee for auditing is half the course's tuition. The student may change from audit to credit at any time before midterm, provided that all course work is complete and that requirements are met for admission to the University. Auditing graduate courses or registering as No-Credit is at the discretion of the graduate program.

No-Credit Courses: Students wishing to attend classes without receiving academic credit but receiving the full benefit of the course, including personal assistance from the instructor, may enroll **for no credit**. These students pay the regular tuition fee but are not required to complete class assignments or to take examinations. The student may change from no-credit to credit at any time before midterm, provided that all course work is complete and that requirements are met for admission to the University.

Repeated Courses: When a student repeats a course at Brescia, the better of the two grades received will be considered the permanent grade. Courses originally taken at Brescia University and repeated at another institution will not replace courses taken at Brescia University unless special permission is granted by the Academic Dean. Such permission will be given in rare cases when it is impossible to repeat the course at Brescia University. When permission is granted, the new grade will not replace the former grade but will be included in calculation of the GPA.

Students considering retaking a course that was transferred into Brescia University from a prior institution should contact financial aid before registering.

Grade Review Board: Students who wish to challenge a final grade should consult the grievance procedures in the *Student Handbook*.

UNDERGRADUATE GRADUATION REQUIREMENTS

An average Grade Point Average (GPA) of 2.5 in the major field together with a cumulative GPA of 2.0 is required for graduation. A "C" or better must be earned in all upper division courses in the major and minor fields.

NON-TRADITIONAL CREDIT

Non-traditional credit includes credit by **Challenge Examination, CLEP, AP, Dantes, IB**, and **ACE.** Policies related to non-traditional credit include:

1. *The maximum number of non-traditional hours that may be applied toward a degree is thirty-six (36) for the bachelor's degree and eighteen (18) for the associate degree.*
2. *Evaluation of challenge examinations and experiential learning is limited to students enrolled at Brescia.*
3. *Evaluation is the responsibility of the faculty in the related discipline.*
4. *A form available in the Office of the Academic Dean, which indicates the credit sought, must be filed by the student.*
5. *The credit hours awarded count toward graduation but will not be used in the computation of grade point average.*
6. *A student who has completed a course may not receive non-traditional credit with similar content, nor may a student receive non-traditional credit after having taken a college course at a higher level in the same discipline.*
7. *A fee is charged for Challenge Examinations only.*

Students should see their academic advisor for further details.

Challenge Examination: A challenge examination may be requested from an instructor to test out of a particular course. If the instructor agrees, the student completes the "Non-Traditional Credit Application" form on the intranet (https://alumnibrescia.sharepoint.com/sites/Intranet) requesting the exam and obtains necessary signatures for approval. The student must be in good standing, financially and academically, in order to request a challenge exam.

The student must pay a non-refundable fee of $100 to the Business Office PRIOR to taking the exam. Upon successful completion of the exam, the student must pay the balance of the challenge exam fee (⅓ of undergraduate credit-hour rate). No credit will be given for successful completion until the full amount is paid. (See *Basic Expenses per Semester* for Challenge Exam Fee amount.)

College Level Examination (CLEP): The CLEP exams may be taken at any national testing center. A CLEP Bulletin of Information and Registration may be obtained by email at clep@info.collegeboard.com**.** Scores should be sent to the Registrar at Brescia.

Policies related to CLEP include:

1. *Each academic discipline has discretion over the maximum number of credits that may be earned in the major field. Students should consult their faculty advisor before taking a subject examination.*
2. *The student must take the General Battery Examination prior to earning 15 credit hours.*
3. *The subject examinations may be taken any time prior to graduation.*
4. *A CLEP exam will not satisfy the writing General Education Requirement.*
5. *A student who has completed a course may not receive CLEP credit for an examination with similar content, nor may a student take a CLEP examination for credit after having taken a college course at a higher level in the same discipline.*

Advanced Placement (AP) Credit: Brescia University generally awards credit for AP scores of 3, 4, or 5. Prospective and ongoing students should contact the Registrar or the academic advisor for information about specific AP credit. Students who receive Advanced Placement Credit in English may fulfill their 6-hour writing requirement by taking either Eng 101 and Eng 102 OR Eng 102 and one of the following: Eng 292, Eng 300, or Eng 301. AP Credits that do not fulfill a General Education requirement can count as free elective credits.

Dantes Credit: Students should contact the Registrar for information about DANTES credit.

International Baccalaureate (IB): Brescia University recognizes the International Baccalaureate (IB) program completed in high school and awards credit to students earning a 4, 5, 6, or 7 in a specific subject. To receive credit, the student must request an official IB transcript to be sent to the Academic Dean at Brescia University.

American Council on Education (ACE) Credit: An ACE credit recommendation is a formal recommendation to colleges and universities, requesting they award college credit for certain courses, examinations and certifications taken outside the college classroom. ACE has evaluated thousands of courses offered outside Higher Ed to ensure they meet the rigors of a college course; those that do receive an ACE credit recommendation. ACE credit recommendations do not result in automatic academic credit. Ultimately, it's up to Brescia University to decide if college credit is awarded. (https://www.acenet.edu/Pages/default.aspx)

REGISTRATION

The dates of registration for each semester are published online at Brescia University's website (www.brescia.edu) and announced via Brescia University email. **Preregistration**, an opportunity for early registration, is offered well before final exam week for currently enrolled students and students returning after a Leave of Absence.

RESIDENCY REQUIREMENT

For the baccalaureate degree, a minimum of thirty-nine (39) credit hours must be earned at Brescia University. Within the 39 credit hours, the student must have completed the final one-third of the major requirements and the final twenty-seven (27) credit hours toward the degree at Brescia.

For the associate degree, a minimum of eighteen (18) credit hours must be earned at Brescia University. Within the twenty-one (21) credit hours, the student must have completed the final one-third of courses in the area of specialization and the final twelve (12) credit hours toward the degree at Brescia.

A minimum of thirty-two (32) resident hours beyond those required for the first baccalaureate degree must be completed to obtain a second baccalaureate degree, and sixteen (16) additional resident hours must be completed for a second associate degree.

Graduates of other institutions who wish to receive a degree from Brescia University will be required to fulfill Brescia's residency requirements, major requirements, and General Education Requirements. The usual policies for transfer of credit will apply.

Students who possess at least a baccalaureate degree and who are seeking teacher certification at Brescia University must complete at least 50% of the courses required for certification at Brescia University. Additionally, the last six (6) hours must be completed at Brescia University.

SATISFACTORY PROGRESS

Satisfactory progress ordinarily means the maintenance of a "C" average (grade point average — GPA — of 2.0). An average of 2.5 in the major field together with a cumulative GPA of 2.0 is required for graduation. A "C" or better must be earned in all upper division courses in the major and minor fields.

A cumulative GPA of 2.0 is required for a student to be eligible for an office in a University organization or class; eligibility for student financial assistance is also contingent upon satisfactory progress.

TRANSCRIPTS

Brescia University has authorized the National Student Clearinghouse to provide transcript ordering via the Web. Students may order transcripts using any major credit card; the card will be charged only after the order is completed. Directions for ordering an official transcript are found on the Clearinghouse Secure site at .

Students unable to order online should request a transcript through the mail by downloading the Transcript Request Form from the University website and mailing it with $10 payment to: Brescia University Office of the Registrar, 717 Frederica St., Owensboro, KY 42301. The form may be accessed at https://www.brescia.edu/_uploads/NEW-Transcript-Request.pdf.

Transcripts are issued only after students have fulfilled financial obligations to the University. All transcripts issued are official.

TRANSFER CREDITS

To meet its General Education requirements (GER), Brescia University accepts any GER course from its own *Catalog* or from a regionally accredited institution, as long as the course falls within one of the

five broad categories of Brescia's General Education courses. Responsibility for verifying GER status lies with the BUOnline/Transfer Center advisor and/or the University Registrar, with Area Coordinators in the discipline consulted as needed. This transfer policy does not change any GER specific to a particular degree.

Courses with a grade below a "C" are not accepted as transfer credit courses. However, a transfer student who has a "D" in the first course of a required two course sequence and a "C" or higher in the second course may transfer in the "D" grade.

NOTE: Transfer students hoping for academic honors at graduation, see Honors section of the Catalog, for details.

Only 67 credit hours from a community college (up to 77 credit hours for KCTCS A.A.S. transfers a) may be applied to the baccalaureate degree.

Dual Credit Transcripts for Transfer Credits: Freshmen applying to Brescia University must request that a college/university transcript be sent to Brescia's Office of Admissions for any dual-credit courses (high school courses for which the student has also received college credit from an accredited college or university). The high school transcript does not count as the official record of college credit awarded.

ACADEMIC NOTICES/CARE TEAM REPORTS

Instructors monitor student progress in each class; if a student encounters difficulty significant enough to endanger her/his credit in the course or otherwise demonstrates behavior or attitudes that cause concern, the instructor will issue either a "Student of Concern" form or an "Academic Notice" form electronically to the CARE Team. For academic issues any time during the semester, the notice is sent to the Academic Affairs office, who notifies the student, the student's academic advisor and the Coach (if appropriate). Student of Concern reports are sent directly to the Dean of Students. The intent of these notifications is to maximize the student's chances for success.

BUONLINE at BRESCIA UNIVERSITY

Through BUOnline, many of the challenges facing learners have been removed to make accessing a college degree easier than ever. BUOnline classes bring the classroom to the student. Online courses offer convenience, flexibility, and affordability with minimum disruption to other commitments, allowing students to earn degrees that are in demand and that lead to career growth and opportunities. Students participating in online courses must meet the University's admission criteria, while certain majors have additional requirements for acceptance to the program. BUOnline students must fulfil the same General Education Requirements as other Brescia students.

BUOnline also serves students who are not seeking a degree but wish to take courses for personal enrichment or as transfer credits.

BUOnline participants benefit from competitive tuition rates, opportunities for financial aid, employee tuition reimbursement, and workforce investment funds. With one-stop shopping, one-on-one advising, and technical assistance, learners who need flexible learning formats are well served by BUOnline. Because of the accelerated format of most online courses, students should expect to devote approximately fourteen (14) hours per week to each eight-week course. There are weekly opportunities for synchronous and non-synchronous participation. Unless stated otherwise, Undergraduate Policies apply to all BUOnline students.

BUONLINE POLICIES

ACADEMIC ADVISING OF ONLINE STUDENTS

A new student entering through BUOnline is assigned to a BUOnline advisor. Once students have become acclimated with BUonline, students may be assigned faculty advisors in their major or area of interest.

PARTICIPATION IN ONLINE COURSES

Flowing from one of Brescia's CORE Values – Community – opportunities for synchronous faculty/student interaction are available in every Brescia University online course. Such synchronous learning opportunities are considered part of current "best practices" and offer students additional support and companionship for their academic journey. As one example of synchronous learning, many faculty hold weekly synchronous sessions in which students participate either synchronously or asynchronously via recordings of the sessions. Students are encouraged but not required to be present for these weekly synchronous sessions. Students whose life schedules or learning preferences move them to choose asynchronous learning are not penalized in any way, provided they do the assigned work.

REGISTRATION AND PAYMENT ONLINE

Registration for each module typically ends one week before the beginning of the course to allow ample time for textbook purchase. Registration must be accompanied by payment for the course, or by one-half of the payment if the student is on the deferred payment plan, or by tuition reimbursement forms and fees if the student is being reimbursed by his or her employer. To hold a position in a course and to confirm registration, students who pre-register must settle their account with the cashier's office prior to the first class meeting.

STUDENT SERVICES ONLINE

BUOnline students geographically close to Owensboro are invited to take advantage of student services, activities, and campus facilities; i.e., library, cardio room, walking track, and dining hall. Online students have access to library resources, career services, and online tutoring in certain courses. BUOnline students who are interested in utilizing contracted telehealth and virtual counseling should contact Student Affairs in the Moore Center, phone 270-686-4332 or email StudentAffairsStaff@brescia.edu. Students needing disability services should contact the Co-Coordinator at Disability.Services@brescia.edu.

WITHDRAWAL FOR ONLINE STUDENTS

In order to withdraw from a course, the student must inform their academic advisor in writing via their university assigned email account. If a student drops a course prior to the drop deadline, it will not be recorded on the academic transcript. If a student has not completed the "Start Here Questionnaire" or demonstrated academic engagement as defined by the DOE, s/he will be administratively dropped from the class (with possible implications for Financial Aid). A student who withdraws after the drop period but prior to the appropriate deadline will receive a "W" on the transcript. Withdrawal after this date is not possible, and ongoing lack of engagement will result in an "F" for the course.

NOTE: A student who stops attending class is <u>not</u> automatically withdrawn and may receive an "F" for the course if withdrawal procedures are not followed.

PROGRAMS AVAILABLE ONLINE

PRE-BACCALAUREATE CERTIFICATE:

Theology

ASSOCIATE DEGREES ONLINE:

Associate of Arts OR Associate of Science in Integrated Studies
Associate of Arts in Human Services
Associate of Science in Business
Associate of Science in Psychology
Associate of Arts in Theology

BACHELOR'S DEGREES ONLINE:

Bachelor of Arts OR Science in Integrated Studies
Bachelor of Science in Psychology
Bachelor of Arts in Theology with Emphasis in Pastoral Studies
Bachelor of Science in Accounting
Bachelor of Science in Business
Bachelor of Science in Business with Emphasis in Human Resource Management
Bachelor of Science in Communication Sciences and Disorders
Bachelor of Social Work

POST-BACCALAUREATE CERTIFICATE ONLINE:

Accounting
Theology

GRADUATE DEGREES ONLINE:

Master of Business Administration
Master of Science in Clinical Psychology
Master of Science in Speech-Language Pathology
Master of Science in Information Systems
Master of Social Work

GENERAL EDUCATION (GERs) ONLINE

In addition to the University's generous General Education Requirement (GER) transfer policies, BUOnline offers GER courses, planned and scheduled to help meet the educational goals of students pursuing online majors. With approval from the student's advisor and the Associate Academic Dean, online GERs may also be used in majors offered in the on-campus format to decrease scheduling conflicts and gaps. If seats are available, they may also be taken by non-degree students for transfer or personal enrichment.

ACADEMIC PROGRAMS
and
COURSE DESCRIPTIONS

Subject to change without prior notice.

NOTE: Once a Brescia University student officially declares a major in any of the above academic disciplines (through the Registrar's Office), the student pursues the degree according to the published requirements in the *Catalog* of the academic year in which the major is declared. Should changes be made in the curriculum for that major, the student is given the option to update his or her degree requirements according to those changes, *or* continue to pursue the major according to the original requirements. Students are notified of any such changes by their advisors; an individual student then makes the decision about whether to move to the new requirements or not. The student and/or advisor notifies the Registrar if the student's degree requirements should be updated.

UNDERGRADUATE PROGRAMS

ACCOUNTING (SEE BUSINESS)

ART

The programs in art offer the student an opportunity to work in a variety of media and to emphasize individual development. The programs are designed to develop, in addition to technical skills, an awareness of the historical and cultural developments in art and an aesthetic and personal approach to technique, composition, and subject matter in selected studio areas. Visiting artists and jurors invited on campus provide exposure to diverse ideas and present different approaches to various media. The Anna Eaton Stout Memorial Art Gallery not only hosts numerous exhibitions throughout the year, but also serves as an educational tool for students and the local community.

Students may choose from the following options:

- **Bachelor of Arts with a Major in Art (**with concentration in one or more of the following areas: Ceramics, Drawing, Painting, or Printmaking)
- **Bachelor of Arts with an Area in Art Education** (includes Kentucky teacher certification for P–12)
- **Note: Students considering a degree in art education are advised that certification will require a program that exceeds the usual 120 credit hours necessary for graduation.**
- **Bachelor of Arts with a Major in Graphic Design** (preparation for careers in advertising design, illustration, and computer graphics) For requirements and course descriptions for this major, please go to the Graphic Design degree.
- **Academic Minor in Art** (with Concentration in one of the following: Ceramics, Drawing, Graphic Design, Painting, or Printmaking): Offers students the opportunity to achieve a level of proficiency in a media area of their choice to complement their major.

Besides these degrees, students may take Art courses as an emphasis for a B.A. in Integrated Studies.

Students in all degree programs must pass a progress review during the spring semester of their freshman and sophomore years. Students should consult their advisors and the student art handbook regarding scheduling and procedures for reviews. During the last year of the degree program, each student must pass a final review, participate in a Senior Exhibition, and submit a CD or DVD of their work for permanent records. Graduating seniors whose work exhibits a high level of proficiency, creativity, and professionalism are invited to participate in a Rembrandt Exhibition. Students enrolled in art studio courses are asked to enter at least one work from each studio course into the Student Art Exhibition.

B. A. DEGREE WITH A MAJOR IN ART

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **36 credit hours**

Art 101, 202, 303	Drawing I, II, and III	3, 3, 3
Art 111	Design I	3
Art 225	Three-Dimensional Design	3
Art 280	History of Art I	3
Art 281	History of Art II	3

Choose one (1) three-credit-hour course from each of the following areas:

Art 240	Ceramics	3
Art 331 ***OR*** 335	Painting ***OR*** Watercolor, OR	3
Art 350 ***OR*** 351	Printmaking I ***OR*** Printmaking II	3

Choose two (2) upper-division art history courses. 6

Major Subject Electives: **18 credit hours**

Electives: To total 120 credit hours

Computer Competency is met through IdC 100, Art 160, or Art 210.

B. A. DEGREE WITH A MAJOR IN ART and KENTUCKY TEACHER CERTIFICATION **(Certification: Grades P–12)**

Required to Graduate: **133 credit hours**

General Education Requirement: **48 credit hours**
See the GERs for Teacher Education

Professional Education Requirement: **37 credit hours**
Follow the Professional Education Requirement for Art Education in Teacher Education,

Area Subject Requirements: **42 credit hours**

Art 101, 202, 303	Drawing I, II, and III	3, 3, 3
Art 111,	Design I	3
Art 225	Three-Dimensional Design	3
Art 280	History of Art I	3
Art 281	History of Art II	3
Art 370	School Art Methods	3

Choose one (1) three-credit-hour course from each of the following areas:

Art 240	Ceramics I	3
Art 331 ***OR*** 335	Painting ***OR*** Watercolor	3
Art 350 OR 351	Printmaking I OR Printmaking II	3
Art 331 Painting OR Art 335 Watercolor		3

Choose two (2) upper-division art history courses: 6

Area Subject Electives: ***9 credit hours***
Art 160 and Art 210 recommended

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

ACADEMIC MINOR IN ART (Concentration in Ceramics, Drawing, Graphic Design, Painting, ***OR*** Printmaking)

Total Minor Requirements:		**21 credit hours**
Core Art Minor Requirements:		**12 credit hours**
Art 101	Drawing I	3
Art 211	Design II	3
(Students Minoring in Ceramics — substitute Art 225: 3-D Design)		
Art 280 ***OR*** 281	History of Art I ***OR*** History of Art II	(3)
Art 3xx/4xx	Upper-Division Art History	(3)
Concentration Requirements *(choose from the following)*:		**9 credit hours**
Concentration in Ceramics		
Art 240	Ceramics I	3
Art 340	Ceramics II	3
Art 440	Ceramics III	3
Concentration in Drawing		
Art 202	Drawing II	3
Art 303	Drawing III	3
Art 402	Special Problems in Drawing	3
Concentration in Graphic Design		
Art 210	Graphic Design I	3
Art 316	Graphic Design II	3
Art 414	Graphic Design III	3
Art 418	Special Problems in Graphic Design	3
Concentration in Painting		
Art 331	Painting	3
Art 431	Advanced Painting	3
Art 432 ***OR*** 335	Special Problems/Painting ***OR*** Watercolor	3
Concentration in Printmaking		
Art 350	Printmaking I	3
Art 351	Printmaking II	3
Art 455	Special Problems/Printmaking	3

ART COURSE DESCRIPTIONS

* **GER** Approved Course

***Art 101 Drawing I** *3 credit hours*

A fundamental course that stresses the development of visual awareness and sensitivity to various drawing materials. Basic principles of perspective, proportion, and value are introduced.

***Art 111 Design I** *3 credit hours*

A foundation course with specific emphasis on design principles and elements relative to a basic understanding of visual composition.

***Art 160 Basic Photography I** *3 credit hours*
A basic course designed to explore the photographic medium. This interdisciplinary course will research developments in photography as it impacts communications, advertising/mass media, historical events, contemporary approaches, personal expression, and technological advances. *Computer competency and digital camera with aperture capability recommended.*

***Art 171, 172, 173, 174, 175 International Film, Movies, Ethics** *1 credit hour*
This course involves watching a variety of international films with the expectation that experiencing them will broaden the student's understanding of reality and of her/his potential. Also involved is each student creating a visual story document that could be an animation or digital film with a content demand that is self-referential and self-exploratory.

***Art 180 Art Appreciation** *3 credit hours*
For students interested in an understanding and appreciation of the visual arts in contemporary life and culture. The formal and expressive qualities of major art forms are examined through audio-visual aids, lectures, and presentations in an effort to provide deeper understanding of cross-cultural and international issues. **NOT OPEN TO ART MAJORS.**

***Art 181 Media Fundamentals** *3 credit hours*
A hands-on course for the non-art major investigating various artistic media and styles across historical and contemporary art practices, including experiences in drawing, painting, sculpture, and other art processes. Provides an understanding of the place of art in life through actual participation, instructor-led demonstrations, group work, field trips, and in-class studio time to develop finished artworks. **NOT OPEN TO ART MAJORS.**

Art 202 Drawing II *3 credit hours*
A course designed to acquaint the student with a variety of drawing media and techniques. An emphasis is placed on the principles of value and composition. *Art 101 or 111 recommended.*

Art 210 Graphic Design I *3 credit hours*
An introduction to basic graphic design principles. The fundamentals of layout, typography, and graphic communication theory are explored with an emphasis on practical applications. *Art 202 or 211 recommended.*

Art 211 Design II *3 credit hours*
Studio exploration and experiences in the elements of design with emphasis on color theory. Experimentation with interactions of colors in visual organizations.

***Art 212 Calligraphy** *3 credit hours*
A study of the various letter forms, uses, and techniques.

***Art 225 Three-Dimensional Design** *3 credit hours*
An introduction to design as it relates to three-dimensional space. Basic sculptural concepts and processes are addressed. *Art 101 or 111 recommended.*

***Art 240 Ceramics I** *3 credit hours*

An introduction to technical and creative ceramic processes. Basic construction techniques, hand-building, and wheel throwing are taught. Functional and sculptural approaches as well as several glazing and firing systems will be emphasized.

Art 260 Advanced Photography *3 credit hours*
Investigation and experimentation in the major areas of expression in photography: portraiture, illustration, and techniques for architectural, scientific, journalistic, and creative photography. *Art 160 or advanced status (with portfolio) recommended.*

***Art 280 History of Art I** *3 credit hours*
Survey of art from pre-history to the Renaissance. Lectures and discussion.

***Art 281 History of Art II** *3 credit hours*
Survey of art from the Renaissance to the modern world. Lectures and discussion.

Art 303 Drawing III (Anatomy/Figure Drawing) *3 credit hours*
This advanced-level drawing course will consist primarily of work with the human figure and related skeletal structure. Basic human proportion and anatomy, foreshortening, and creative approaches to the human figure will be included. *Art 202 recommended***.**

Art 316 Graphic Design II *3 credit hours*
A study and application of the tools and processes used in preparing a design for publication. Emphasis is placed on development of layout skill and software coordination. *Art 210 recommended.*

Art 318 History of Graphic Design *3 credit hours*
This course explores the origins and the evolution of graphic design, from ancient civilizations to contemporary approaches and emerging technologies. Movements, styles, designs, and designers influencing the ongoing growth of the discipline will be investigated. *Art 180 recommended.*

Art 331 Painting *3 credit hours*
A fundamental course in painting designed to introduce the student to the basic techniques and processes of oil painting, with emphasis on creative expression and compositional design. *Prerequisites: Art 202 or 211 recommended.*

Art 335 Watercolor *3 credit hours*
A fundamental course in watercolor painting designed to introduce students to the varied materials, tools, and methods of watercolor painting with special attention to its unique characteristics as a painting medium. *Art 202 or 211 recommended.*

***Art 340 Ceramics II** *3 credit hours*
A continuation of Art 240. Builds on the skill and experience gained in hand-building and wheel-throwing techniques. More in-depth study of surface decoration, glazing, and characteristics of glaze materials. *Art 240 recommended.*

Art 345 Stained Glass *3 credit hours*
A basic course in the design and construction of stained glass that includes both cooper foil and lead came techniques. *Art 202 or ART 211 recommended.*

Art 346 Advanced Stained Glass *3 credit hours*

A continuation of Art 345. The course allows the student to build on the skill and experience gained in foil technique and focuses on the use of lead came for larger projects. *Prerequisites: Art 345 recommended.*

Art 350 Printmaking I *3 credit hours*
Basic techniques employed in intaglio and relief printing. Experimentation with linoleum block, collagraph, woodcut, and embossing. *Art 101 and 111 recommended.*

Art 351 Printmaking II *3 credit hours*
A course in the basic procedures and processes of silkscreen printing. *Art 101 and 111 recommended.*

***Art 370 School Art Methods** *3 credit hours*
An introduction to the elements and principles of art as they pertain to an integrated classroom that meets the Academic Expectations and Standards outlined in the Kentucky Program of Studies. Includes overview of art education as well as the competing philosophies throughout its history. Students will also construct and implement lessons in a holistic approach to art education in their area of study: elementary, secondary, or special education.

***Art 380 Renaissance Art** *3 credit hours*
The principal artistic developments in European art during the 15th and 16th centuries. *Art 180 or 281 recommended.*

***Art 382 History and Art of Cinema** *3 credit hours*
A course designed for students seeking greater understanding of the medium, history, and appreciation of the motion picture or film. American and foreign films are presented in this cross-cultural and international experience. *Prerequisite: Art 180, 280, 281 recommended.*

***Art 384 The Art of Impressionism** *3 credit hours*
A course that examines the development of impressionistic painting and its impact on the modern art period. The course covers the contributing factors of the Barbizon school of *plein aire* paintings, the introduction of the Japanese print, and European art and related movements. *Art 180 recommended.*

***Art 386 History of Religious Imagery in Western Art** *3 credit hours*
The course is an examination of the origins and migration of religious icons and imagery found in Western European art. Major themes, motifs, and symbols will be identified and researched in an attempt to discern their meaning, development, and points of origin. *Prerequisites: Art 280 and 281 recommended.*

Art 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Art 402 Special Problems in Drawing *3 credit hours*
Independent drawing problems designed to meet the needs and directions of the advanced drawing student. Subject matter may include representational, abstract, or non-objective imagery. *Art 303 recommended.*

Art 414 Graphic Design III *3 credit hours*
An emphasis is placed on development of student portfolios through various advanced projects and practical applications. *Art 316 recommended.*

Art 418 Special Problems in Graphic Design *3 credit hours*

A course designed for advanced students to explore designated areas and problems in graphics. *Art 414 recommended.*

***Art 419 Digital Animation** *3 credit hours*
This course teaches students how to create cell animations, animation movies, and shorts. Traditional frame-by-frame animation techniques are employed as well as digital effects to create visual and audio-syncopated animations. This course primarily utilizes software such as Macromedia Flash®.

Art 431 Advanced Painting *3 credit hours*
A course for the advanced painting student designed to develop technical command of the medium and individual expression. *Art 331 recommended.*

Art 432 Special Problems in Painting *3 credit hours*
Courses for advanced students who have completed all of the previous painting classes and wish to pursue the area further. *Art 431 recommended.*

Art 440 Ceramics III *3 credit hours*
An in-depth experience in pottery construction and design. Preparation and application of glazes, kiln construction, and exploration of various firing techniques are integral parts of this course. *Art 340 recommended.*

Art 445 Special Projects in Stained Glass *3 credit hours*
A course designed for the advanced stained glass student, tailored to meet the individual needs and direction of each student. *Art 346 recommended.*

Art 448 Special Problems in Advanced Ceramics I *3 credit hours*
Tailored to meet the individual needs and direction of each student. Greater emphasis is placed on aesthetics and innovative solutions to designated problems. *Permission of the instructor recommended.*

Art 449 Special Problems in Advanced Ceramics II *3 credit hours*
Tailored to meet the individual needs and direction of each student. Greater emphasis is placed on aesthetics and innovative solutions to designated problems. *Permission of the instructor recommended.*

Art 454 Special Problems in Printmaking I *3 credit hours*
Course designed for the advanced printmaking student to permit investigations into additional processes of silkscreen printing processes and imagery. *Art 351 recommended.*

Art 455 Special Problems in Printmaking II *3 credit hours*
Course designed for the advanced printmaking student to permit investigations into additional processes of silkscreen printing processes and imagery. *Art 351 recommended***.**

***Art 480 American Art** *3 credit hours*
A survey of contemporary American art from 1940 to the current day. *Prerequisites: Art 180 or 281 recommended.*

***Art 481 Modern Art** *3 credit hours*
A survey course that studies the origins of modern art in the 19th century and the major art movements of the 20th century. Painting, sculpture, and architecture of Western Europe and the Americas will be emphasized. *Art 281 recommended.*

Art 495 Internship *6 credit hours*

A course designed to offer students the unique opportunity to receive training and valuable work experience in an art-related business prior to graduation. Requires 240 field hours.

Art 499 Professional Practices Seminar *3 credit hours*
Course's intent is to introduce art majors to skills and practices that are required for entering the art world as a practicing professional and/or preparation for continuing with graduate study. Students take Art 499(a) concurrently. *Prerequisite: Senior art student.*

Art 499(a) Senior Exhibition and Portfolio *0 credit hours*
Students participate in a group Senior Exhibition during their final year in the program. Students are accountable for all aspects of the exhibition, including promotion, installation, signage, reception, and de-installation. A portfolio of their work must also be submitted for permanent records no later than the closing date of the exhibition and the following requirements must be met: installation images, image(s) of each work, CV, and brief biography. The Senior Exhibition and Portfolio are evaluated as pass/fail. *Prerequisites: Senior art student; enrollment in Art 499.*

BIOCHEMISTRY

The major rests on a solid foundation of chemistry and biology courses supported by mathematics and physics. These courses provide the tools to understand the chemistry of living things. During the first two years, the biochemistry student takes basic inorganic and organic chemistry and introduction to cellular biology. A second biology course allows the student to choose between anatomy and physiology (important for the pre-health professional) and genetics. Biochemistry courses bridge chemical and biological concepts. Upper division courses will be chosen by the student based on student interest. Individual students may choose a chemistry emphasis and complete advanced chemistry courses, a biological emphasis including advanced cell biology and molecular biology, or a mathematics emphasis with upper division math and computer science courses. Allowing the student to choose from a menu of upper-division courses meets the goal of a flexible major that can be tailored to the student's academic and professional interests.

B. S. DEGREE WITH A MAJOR IN BIOCHEMISTRY

For *Catalog* descriptions of required Chemistry and Biology courses, see each separate program below

Required to Graduate:		**120 credit hours**
General Education Requirement:		**48 credit hours**
Major Subject Requirements:		**31 credit hours**
Chm 205	Quantitative Analysis ***and***	3
Chm 205L	Quantitative Analysis Lab *[plus prerequisites]*	1
Chm 301	Organic Chemistry I ***and***	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II ***and***	3
Chm 302L	Organic Chemistry II Lab	1
Chm 409	Biochemistry I ***and***	3
Chm 409L	Biochemistry I Lab	1
Chm 410	Biochemistry II ***and***	3
Chm 410L	Biochemistry II Lab	1
Bio 115	Molecular and Cellular Biology ***and***	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology ***and***	3

Bio 201L	Human Anatomy and Physiology Lab ***OR***	1
Bio 300	Genetics ***and***	3
Bio 300L	Genetics Lab	1
Chm/Bio 405	Directed Research	2
Chm/Bio 499	Seminar	1
Upper-Division Electives		**8 credit hours**

Related Subject Requirements: **16 credit hours**

Mth 211	Calculus I	4
Mth 212	Calculus II	4
Phs 201	General Physics I ***and***	3
Phs 201L	General Physics I Lab	1
Phs 202	General Physics II ***and***	3
Phs 202L	General Physics II Lab	1

Electives: To total 120 credit hours

Computer Competency is met through Chm/Bio 499

BIOLOGY

The Biology, Medical Laboratory Science, Health Sciences, and Pre-Health Professional Programs at Brescia University provide students with the knowledge, skills, and values required for success in a wide variety of careers related to the biological sciences. The B.S. Degree in Biology prepares students for graduate school, medical/allied health professional schools, or for careers in teaching, biotechnology, industrial laboratories, or environmental work. (See Medical Laboratory Science at the end of Biology.) Within the general framework of the biology degree, and in addition to the required biology, math, and other science courses, a student may choose from one of three focus areas: organismal biology, molecular/cellular biology, or pre-health professional; or create an individualized program to meet special interests.

The pre-health professional focus within the major meets the needs of students in pre-medicine, pre-veterinary medicine, pre-podiatric medicine, pre-optometry, pre-pharmacy, pre-dental, or pre-physical therapy. Admission to these health professional or graduate programs typically requires the Bachelor of Science degree with a major in biology. The Associate degree in Health Sciences prepares students for application into nursing school. A student in any allied health degree program works in close consultation with a pre-professional advisor to tailor a curricular course plan at Brescia to satisfy admission requirements for specific professional schools.

B. S. DEGREE WITH A MAJOR IN BIOLOGY

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **21 credit hours**

Bio 105	Ecology and Evolution ***and***	3
Bio 105L	Ecology and Evolution Lab	1
Bio 115	Molecular and Cellular Biology ***and***	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology ***and***	3
Bio 201L	Human Anatomy and Physiology Lab	1
Bio 215	Biological Diversity **and**	3
Bio 215L	Biological Diversity Lab	1

Bio 300	Genetics ***and***	3
Bio 300L	Genetics Lab	1
Bio 499	Biology Seminar	1

Major Subject Electives: **16 credit hours**

Choose from these upper-division courses:

Bio 301	Developmental Biology ***and***	3
Bio 301L	Developmental Biology Lab	1
Bio 305	Advanced Anatomy and Physiology **and**	3
Bio 305	Advanced Anatomy and Physiology Lab	1
Bio 311	Microbiology ***and***	3
Bio 311L	Microbiology Lab	1
Bio 312	Parasitology	3
Bio 321	Reading List	1–3
Bio 325	Ecology ***and***	3
Bio 325L	Ecology Lab	1
Bio 330	Immunology	3
Bio 399	Independent Study	1–4
Bio 401	Advanced Cell Biology ***and***	3
Bio 401L	Advanced Cell Biology Lab	1
Bio 403	Rotating Biological Topics	1–3
Bio 403L	Rotating Biological Topics Lab	1
Bio 417	Molecular Biology ***and***	3
Bio 417L	Molecular Biology Lab	1
Bio 425	Marine Biology ***and***	3
Bio 425L	Marine Biology Lab	1
Bio 405	Directed Research	3
Bio 495	Internship	3
Chm 409	Biochemistry I ***and***	3
Chm 409L	Biochemistry I Lab	1
Chm 410	Biochemistry II ***and***	3
Chm 410L	Biochemistry II Lab	1

Related Subject Requirements: **24 credit hours**

Chm 301	Organic Chemistry I ***and***	3Chm 301L Organic Chemistry I Lab 1
Chm 302	Organic Chemistry II ***and***	3
Chm 302L	Organic Chemistry II Lab	1
PhS 201	General Physics I ***and***	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II ***and***	3
PhS 202L	General Physics II Lab	1
Mth 211	Calculus I ***and***	4
Mth 212	Calculus II ***OR*** approved substitute	4/3

Electives: To total 120 credit hours

Computer Competency is met through Bio 499.

ACADEMIC MINOR IN BIOLOGY

Biology and Math Requirements: **32 credit hours**

Bio 105	Ecology and Evolution ***and***	3

Bio 105L	Ecology and Evolution Lab	1
Bio 115	Molecular and Cellular Biology ***and***	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology ***and***	3
Bio 201L	Human Anatomy and Physiology Lab	1
Bio 215	Biological Diversity **and**	3
Bio 215L	Biological Diversity Lab	1
Bio 300	Genetics ***and***	3
Bio 300L	Genetics Lab	1
Elective from upper-division biology courses		4
Mth 211	Calculus I ***and***	4
Mth 212	Calculus II ***OR*** approved substitute	4

B. S. DEGREE IN BIOLOGY with SECONDARY TEACHER CERTIFICATION

Students who wish to obtain Secondary Teacher Certification or Middle School Teaching Certification in Science along with a Biology major should consult that section of the "Teacher Education" programs later in this CATALOG.

MEDICAL LABORATORY SCIENCE

The Bachelor's degree in Medical Laboratory Science includes a strong foundation in biology, along with a 12-month internship in an approved local hospital setting. Graduates typically work in medical labs.

Licensing and Certification are two different types of credentials. A Professional or Trade License is issued by a government body and authorizes the license holder to practice their procession or trade in the state where the license has been issued. Certification is a professional credential issued by an industry organization. There are 12 states in the United States that require Medical Laboratory Technicians to be licensed: California, Florida, Georgia, Hawaii, Louisiana, Montana, Nevada, New York, North Dakota, Rhode Island, Tennessee, and West Virginia. Several employers in Kentucky want Medical Lab Technicians to have the American Society for Clinical Pathology (ASCP) and the American Medical Technologist (AMT) certification within 12 months of employment.

B. S. DEGREE WITH A MAJOR IN MEDICAL LABORATORY SCIENCE

Required to Graduate:		**120 credit hours**
General Education Requirement:		**48 credit hours**
Major Subject Requirements:		**19 + 36 credit hours**
Bio 115	Molecular and Cellular Biology ***and***	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology I ***and***	3
Bio 201L	Human Anatomy and Physiology I Lab	1
Bio 305	Advanced Anatomy and Physiology ***and***	3
Bio 305L	Advanced Anatomy and Physiology Lab	1
Bio 311	Microbiology ***and***	3
Bio 311L	Microbiology Lab	1
Bio 330	Immunology	3
*Bio 496	Internship	36

Related Subject Requirements: **19 credit hours**

Mathematics:		**3 credit hours**
Mth 250	Statistics for Social Sciences ***OR*** approved substitute	3
Chemistry:		**16 credit hours**
Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
Chm 301	Organic Chemistry I ***and***	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II ***and***	3
Chm 302L	Organic Chemistry II Lab	1

Computer Competency is met through the program.

Recommended: Genetics, Biochemistry, Quantitative Analysis, and/or General Physics.

***Bio 496 — Internship (Owensboro Health Regional Hospital): 36 hours**

At the end of the junior year, the student is expected to have earned at least ninety-two (92) credit hours with a minimum GPA of 3.0. A twelve-month internship, comprised of several sub-units needed for the profession such as hematology, serology, and urinalysis, is then taken in the laboratory of an approved hospital. Brescia University accepts a maximum of thirty-six (36) internship credit hours applied toward the major; these hours focus on the knowledge and technical skills needed to pass the national certifying exam before becoming a certified Medical Laboratory Scientist. Brescia is affiliated with Owensboro Health Regional Hospital, Inc., Owensboro, KY., for internship placements. In collaboration with the Office of Career Services, the academic advisor, and the OHRH program director, qualified students will apply for annual competitive internship placements by December 15.

HEALTH SCIENCES

The Associate degree in Health Sciences encompasses the courses identified as prerequisites for admission into the University of Louisville's School of Nursing; the degree enables students to be competitive in seeking admission into the U of L program. The combination of general education and science courses is not a pre-nursing degree and does not result in automatic admittance into any nursing school. The degree simply provides a public acknowledgment that students have successfully completed prerequisite courses. NOTE: Some Brescia GER courses meet more than one U of L category.

A. S. DEGREE WITH A MAJOR IN HEALTH SCIENCES

Required to Graduate: 60 credit hours

General Education Requirement: 24 credit hours*

*Degree MUST include ONE Theology and ONE Social Science GER course.

Eng 101	Writing I	3
Eng 102	Writing II	3
Sph 110	Public Speaking	3
Th 219	**World Religions** (or other GER Theology course)	3
Bio 115	Molecular Cell Biology	3
FINE ARTS:	Art 180, 280, 281; Mus 100, 305; ***OR*** Drm 120, 141	

	Art Appreciation, History of Art I ***or*** II; Music Appreciation, World Music; ***OR*** Basic Methods of Acting, Theatre Appreciation	3
PHILOSOPHY:	Phl 110, 231, ***OR*** 347 Intro to Logic, Ethics and Morality, ***OR*** Healthcare Ethics	3
HISTORY:	His 101, 102, 201, ***OR*** 202 Survey of World Civilization I ***or*** II, US History I or II	3
DIVERSITY ELECTIVES:		6
	Choose ONE: SW 310; His 201, ***OR*** His 202	3
	Choose ONE: His 101, 102; ***OR*** Mus 305	3
	World Civilization I or II; ***or*** **World Music**	3

***Major Subject Requirements:**		**14 credit hours**
Bio 112	Human Nutrition	3
Bio 201	Anatomy and Physiology (201L–Lab–strongly recommended)	3
Bio 305	Advanced Anatomy and Physiology ***and***	3
Bio 305L	Advanced Anatomy and Physiology Lab	1
Bio 311	Microbiology ***and***	3
Bio 311L	Microbiology Lab	1

***Related Subject Requirements**:		**15 / 16 credit hours**
Mth 250	Statistics for Social Sciences	3
Psy 105	Intro to Psychology	3
Psy 300	Developmental Psychology	3
Chm 100 ***OR*** 101	Intro to Chemistry ***OR*** Gen Chem I	3
Mth 113 ***OR*** 211	Survey of Calculus ***OR*** Calculus I ***OR***	
Mth 111	College Algebra *(accepted by U of L if successfully completed)*	3/4

*Specialization courses include those required by the University of Louisville's School of Nursing as prerequisites for their program.

Electives: To total 60 credit hours

BIOLOGY COURSE DESCRIPTIONS

*GER Approved Course

***Bio 100 Introduction to Biology** *3 credit hours*
Basic principles of biological science with special emphasis on human biology. Selected topics of current interest and laboratory experiences are included. **NOT OPEN TO BIOLOGY MAJORS.**

***BIO 104H Scourge and Cure: The Science behind the American Drug Culture** *3 credit hours*
This Honors College course will bring a focus to corporate and individual efforts to provide pharmaceuticals to American consumers. The scientific processes for drug development and control will be examined. Guest experts and field trips will supplement lecture and discussion. This course fills a general education requirement (GER) in the *science* area. Only open to Honors College students.

***Bio 105 Ecology and Evolution** *3 credit hours*
An introduction to the scientific process, evolutionary theory, speciation, elementary genetics, and the ecology of populations, communities, and ecosystems.

***Bio 105L Ecology and Evolution Lab** *1 credit hour*
Generally taken with Bio 105 – Ecology and Evolution.

***Bio 110 Introduction to Environmental Science** *3 credit hours*
Basic ecological concepts and the physical/biological principles underlying environmental issues; deals with topics such as population, pollution, resources; discusses the historical, cultural, geographical, economic, and behavioral roots of environmental problems; models how to take personal and political action on behalf of the environment. **NOT OPEN TO BIOLOGY MAJORS**

***Bio 112 Introduction to Human Nutrition** *3 credit hours*
Nutrition is the science of food. Students will be introduced to the six classes of nutrients, how the body utilizes the nutrients, and the role that good nutrition plays in good health. Other topics such as the impact of poor or under-nutrition during important stages of human development or the specialized dietary requirements for athletes may also be included. *Prerequisite: Ability to do basic math, including percentages.*

***Bio 115 Molecular and Cellular Biology** *3 credit hours*
An introduction to the study of life at the molecular and cellular level, this course covers basic cell structure and function, biochemistry for the life sciences, basic molecular biology, and introductory genetics, including information flow from DNA to protein; and cellular utilization of energy, including cell respiration and photosynthesis.

***Bio 115L Molecular and Cellular Biology Lab** *1 credit hour*
Generally taken with Bio 115 – Molecular and Cellular Biology.

Bio 120 Medical Terminology *3 credit hours*
This course examines the specialized vocabulary used in medicine and science. By understanding root elements to which prefixes and suffixes are added, the student will be able to construct and analyze unfamiliar words to uncover their meanings.

Bio 150H Genetics and Human Society
Discusses human genetics and its relation to social issues.

Bio 201 Human Anatomy and Physiology *3 credit hours*
An integrated study of human anatomy and physiology for biology and pre-professional allied health majors, using a body systems approach that emphasizes interrelationships between form and function at gross and microscopic levels of organization. Course content includes basic anatomical and directional terminology; fundamental concepts and principles of cell biology; and study of major body systems, including skeletal, muscular, nervous, circulatory, endocrine, immune, and reproductive systems. *Prerequisites: Bio 115 and Chm 102 OR Chm 100 required.*

Bio 201L Human Anatomy and Physiology Lab *1 credit hour*
Generally taken with Bio 201 – Human Anatomy and Physiology. Includes fundamental concepts and principles of anatomy and physiology from investigation of cell, tissue, and organ levels of several body systems, with special emphasis on skeletal, muscular, nervous, and circulatory systems. A large portion of the semester will focus on cat anatomy.

***Bio 215 Biological Diversity** *3 credit hours*
An introduction to the study of life at the organismal level that includes a survey of life in all six kingdoms, with emphasis on plants and animals, as well as a study of comparative structures and functions. *Prerequisite: Bio 105.*

***Bio 215L Biological Diversity Lab** *1 credit hour*
Generally taken with Bio 215 – Biological Diversity.

***Bio 300 Genetics** *3 credit hours*
General principles and problems of heredity surveying transmission genetics, cytogenetics, molecular genetics, and population genetics. *Prerequisites: Bio 115; ability to use algebra or statistical analysis.*

***Bio 300L Genetics Lab** *1 credit hour*
Generally taken with Bio 300 – Genetics.

***Bio 301 Developmental Biology** *3 credit hours*
Molecular and cellular basis for differentiation and morphological changes occurring during development. Model systems are used for insight into vertebrate development. *Prerequisites: Bio 215 and 300.*

***Bio 301L Developmental Biology Lab** *1 credit hour*
Generally taken with Bio 301 – Developmental Biology

Bio 305 Advanced Anatomy and Physiology *3 credit hours*
Exploration of fundamental topics in mammalian anatomy and physiology as a basis of human disease. Uses a case study approach to integrate current primary literature and application of diagnostic medical procedures. *Prerequisites: Bio 201. Chm 302 recommended.*

Bio 305L Advanced Anatomy and Physiology Lab *1 credit hour*
Generally taken with Bio 305 – Advanced Anatomy and Physiology.

Bio 311 Microbiology *3 credit hours*
Study of basic concepts of microbial biology, including cell morphology, biochemistry, genetics, taxonomy, and ecology. Emphasis is on prokaryote growth/metabolism, culture, isolation, identification, and medical application in disease. *Prerequisites: Bio 115 and 201; Chm 301 recommended.*

Bio 311L Microbiology Lab *1 credit hour*
Generally taken with Bio 311 – Microbiology. Covers the basic fundamentals of microbial sterile technique and axenic culture, with emphasis on microscopic, staining, and metabolic diagnostic tests for identification of prokaryotes.

Bio 312 Parasitolgy *3 credit hours*
This course is an introduction to parasites, with a focus on human parasites and the animal parasites of economic importance. The biology of significant protozoans, helminthes, and arthropods will be discussed, and their cell biology, life cycles, host-parasite relationships, epidemiology, and control will be emphasized. *Prerequisite: Bio 201 recommended.*

Bio 321 Reading List *1–3 credit hours*
Reports or discussions of topical fundamentals in which the student is deficient, and/or readings in classical or special interest biology literature.

***Bio 325 Ecology** *3 credit hours*
Study of how plants and animals interact with each other and with their environment; includes selected topics related to environmental problems such as pollution, energy, resources, and population. *Prerequisite: Bio 105.*

***Bio 325L Ecology Lab** *1 credit hour*
Generally taken with Bio 325 – Ecology.

Bio 330 Immunology *3 credit hours*
The biological basis for the understanding of the molecular and cellular features of the mammalian immune system. Includes study of role of non-specific (innate) and specific (adaptive) systems in providing immunity to disease, and the topics of hypersensitivity, immunodeficiency diseases, autoimmunity, vaccination, and transplant rejection. *Prerequisites: Bio 201 and Chm 302 (Chm 302 may be taken concurrently); Bio 311 recommended.*

Bio 360 Animal Behavior *3 credit hours*
This course introduces principles of animal behavior with a focus on observational methods, and proximate and ultimate causes of behaviors. Designed for advanced undergraduates, students will gain in-depth understandings of foraging, communication, mating, learning, and social behaviors. *Prerequisites: junior status or permission of the instructor.*

Bio 360L Animal Behavior Lab *1 credit hour*
Generally taken with Bio 360 – Animal Behavior.

Bio 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum; it is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Bio 401 Advanced Cell Biology *3 credit hours*
Detailed study of the cell as the basic unit of life, focusing on the interplay of biochemistry and genetics in regulation of eukaryotic cell processes. *Prerequisites: Bio 115, 201; Chm 301 and 302.*

Bio 401L Advanced Cell Biology Lab *1 credit hour*
Generally taken with Bio 401 – Advanced Cell Biology.

Bio 403 Rotating Biological Topics *1–3 credit hours*
Topics covered will vary by course instructor and dependent on the needs of enrolled students. Examples of possible topics include Pacific NW Ecology, Entomology, and Cancer Biology. See academic advisor for current topic being offered.

Bio 403L Rotating Biological Topics Laboratory *1 credit hour*
Generally taken with BIO 403 – Rotating Biological Topics. See academic advisor for current topic being offered.

Bio 405 Directed Research *1–4 credit hours*
Directed laboratory/library projects for senior biology majors of demonstrated superior ability. *Admission by recommendation only.*

Bio 417 Molecular Biology *1–4 credit hours*
Current molecular biology topics. Emphasis is on the function of the genetic material and consequences of altered function on gene products and on familiarization with common molecular biological techniques that will be encountered by students in graduate school or medical research. *Prerequisites: Bio 300; Chm 301, and 302.*

Bio 417L Molecular Biology Lab *1 credit hour*
Generally taken with Bio 417 – Molecular Biology.

Bio 425 Marine Biology *3 credit hours*
Introduction to marine ecosystems and their physical/chemical/biological properties; survey of marine plants and animals and their structural/functional adaptations; study of the effects of human intervention in the marine environment. Lab includes a required one-week trip.

Bio 425L Marine Biology Lab *1 credit hour*
Chemical and physical properties of the ocean, invertebrate and vertebrate animals, phytoplankton and plants. Includes a mandatory one-week trip to marine ecosystems in Florida.

Bio 495 Biology Internship *1–6 credit hours*
Designed to offer students the unique opportunity to further their education while acquiring valuable work experience in a biology-related professional organization. Requiring 40–120 field hours, internships are collaboratively arranged by faculty, Director of Career Services, and an on-site supervisor.

Bio 496 Medical Laboratory Science Internship *36 credit hours*
A twelve-month internship (at Owensboro Health Regional Hospital or other approved medical facility), comprised of several sub-units needed for the profession such as hematology, serology, and urinalysis, is then taken in the laboratory of an approved hospital. The 36 credit hours of this internship focus on the knowledge and technical skills needed to pass the national certifying exam before becoming a certified Medical Laboratory Scientist. In collaboration with the Office of Career Services, the academic advisor, and the OHRH program director, qualified students will apply for annual competitive internship placements by December 15. *Prerequisites: completion of junior year with minimum of 92 credit hours; acceptance by OHRH program director into hospital program.*

Bio 499 Biology Seminar *1 credit hour*
A capstone course whose content varies according to student need/interest. May include student research, comprehensive review of the discipline, presentation of library research papers, visiting lecturers, field trip, or study of special topics. *Prerequisite: Senior status.*

BUSINESS

Academic programs in the Charles Albert Reid School of Business are designed to prepare students with the knowledge, skills, and abilities for responsible citizenship and leadership roles in ever-changing business and society. Performance expectations are high for both students in the programs and for graduates in their careers.

The Reid School concentrates its undergraduate professional courses in the last two years of the four-year degree program. A major component of program design is to provide a broad educational base through a common body of business knowledge. The student's major area of study provides competency in a specific field. Areas of emphasis in the bachelor's degree allow students to refine further their career options by deepening knowledge in a specific sub-field of business: Finance and Economics, Human Resource Management, and Management. The faculty continually monitor courses and curricula to assure a timely fit of competencies and skills to professional performance demands.

The Reid School of Business encourages students to acquire practical experience. Internships are available with many local companies, allowing qualified students the opportunity to receive up to nine (9) hours of academic credit as they gain valuable experience in their major, often receiving compensation as well.

Other activities include opportunities to join student clubs and organizations. The School has a student chapter of the Society for Human Resource Management (SHRM), and several students typically attend

each meeting of the Owensboro chapter of SHRM. Field trips and guest lectures are also arranged by faculty members and student organizations.

The Reid School of Business offers the Bachelor of Science degrees in both Accounting and in Business. In partnership with the Owensboro Community and Technical College (OCTC), the School also offers a degree-completion Bachelor of Science degree in Agricultural Business. A post-baccalaureate Certificate in Accounting is also available, designed principally for persons who have already completed a Bachelor's degree in another field. Brescia also offers an Associate of Science degree in Business. Credit hours earned by this degree can be applied later to a Brescia Bachelor's degree in the business area.

The Business faculty also teach key courses within the multidisciplinary Financial Mathematics Bachelor of Science degree.

The Bachelor of Science and Associate of Science degrees in Business and the Bachelor of Science and Certificate in Accounting are available through BUOnline. In addition, the William H. Thompson Center for Graduate Studies in Business offers: a Master of Business Administration graduate program.

Minors are offered in Accounting, Business, and Finance/Economics.

B. S. DEGREE WITH A MAJOR IN ACCOUNTING

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**
Including Eco 201; Mth 113 ***OR*** Mth 211

Major Subject Requirements:		**33 credit hours**
Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
BAd 103	Introduction to Software Applications	3
	(or CS 107, 108, and 109)	
BAd 301	Business Law	3
BAd 318	Business Statistics	3
BAd 405	Management Information Systems	3
BAd 499	Business Policy	3
Eco 202	Economic Concepts II	3
Fin 308	Financial Principles	3
Mgt 306	Management Concepts	3
Mkt 307	Marketing Concepts	3

Accounting Requirements:		**18 credit hours**
Acc 301	Intermediate Accounting I	3
Acc 302	Intermediate Accounting II	3
Acc 304	Advanced Managerial Accounting	3
Acc 401	Advanced Accounting	3
Acc 406	Federal Entity Taxation	3
	[Acc 404 Fed. Individual Tax may be substituted for Acc 406]	
Acc 410	Auditing	3

Electives: To total 120 credit hours

Note: *The following two accounting courses are also needed to reach the 27-hour*

requirement to sit for the Certified Public Accounting Examination:

Acc 402	Governmental and Nonprofit Accounting	3
Acc 404	Federal Individual Taxation	3

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.
For accounting students desiring to complete one of the three areas of emphasis, requirements are listed below under the Bachelor of Science degree with a major in Business.

ACADEMIC MINOR IN ACCOUNTING

This program is limited to students who are not registered in the School of Business

Accounting Requirements:		**24 credit hours**
Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
Acc 301	Intermediate Accounting I	3
Acc 302	Intermediate Accounting II	3

Accounting/Business Electives: **12 credit hours**
Electives must be approved by the School of Business Chairperson.

Computer Competency is met through BAd 103; CS 107, 108, and 109; ***OR*** CS 105.

CERTIFICATE IN ACCOUNTING

This program is for persons who have completed a Bachelor's degree in another field, and is also available online as a Post-Baccalaureate Certificate in Accounting.

Business Requirements:		**48 credit hours**
Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
Acc 301	Intermediate Accounting I	3
Acc 302	Intermediate Accounting II	3
Acc 401	Advanced Accounting	3
Acc 404	Federal Individual Taxation (Acc 406 may be substituted)	3
Acc 410	Auditing	3
BAd 103	Introduction to Software Applications	3
BAd 301	Business Law	3
BAd 318	Business Statistics	3
Fin 308	Financial Principles	3
Mgt 306	Management Concepts	3
Mkt 307	Marketing Concepts	3
	One Business Elective	3
	Two Accounting Electives	6

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

NOTE:

- The maximum number of transfer credits accepted for the Accounting Certificate is 30 hours.
- Brescia University business majors must complete 18 hours of new course work for the Accounting Certificate. Retaking a class for the certification will not change the honors on the students' degree

B. S. DEGREE WITH A MAJOR IN BUSINESS

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**
Including Eco 201 AND
Mth 113 ***OR*** Mth 211

Major Subject Requirements: **33 credit hours**

Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
BAd 103	Introduction to Software Applications *(or CS 107, 108, and 109)*	3
BAd 301	Business Law	3
BAd 318	Business Statistics	3
BAd 405	Management Information Systems	3
BAd 499	Business Policy	3
Eco 202	Economic Concepts II	3
Fin 308	Financial Principles	3
Mgt 306	Management Concepts	3
Mkt 307	Marketing Concepts	3

Major Subject Electives: **9 credit hours**
Chosen from any or all areas of business in consultation with the academic advisor. (Courses in mathematics, computer studies, business ethics, and management are generally acceptable as business electives), ***OR*** *one area of emphasis as below.*

Electives: To total 120 credit hours
In consultation with their advisor, students choose other business courses and/or courses from different disciplines when choosing free electives.

Computer Competency is met through BAd 103; CS 107, 108, and 109; ***OR*** CS 105.

EMPHASIS IN FINANCE AND ECONOMICS

Finance and Economics Requirements: **15 credit hours**

Eco 304	Intermediate Microeconomics	3
Eco 307	Money and Banking	3
Eco 418	Mathematical Methods in Economics	3
Fin 314	Managerial Finance	3
Fin 401	Investments and Derivatives	3

Related Subject Requirements: **6 credit hours**
To be chosen from 300- and 400-level courses from accounting or business in consultation with the academic advisor.

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

EMPHASIS IN HUMAN RESOURCE MANAGEMENT

Human Resource Management Requirements: **12 credit hours**

Mgt 308	Organizational Behavior	3
Mgt 315	Personnel/Human Resource Management	3
Mgt 411	Labor-Management Relations	3
Mgt 420	Seminar in Human Resource Management	3

Related Subject Requirements: **9 credit hours**

To be chosen from 300- and 400-level courses from accounting and business in consultation with academic advisor.

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

EMPHASIS IN MANAGEMENT

Management Requirements: **15 credit hours**

Acc 304	Advanced Managerial Accounting	3
Eco 304	Intermediate Economics	3
Fin 314	Managerial Finance	3
Mgt 308	Organizational Behavior	3
Mgt 403	Marketing Management	3

Related Subject Requirements: **6 credit hours**

To be chosen from 300- and 400-level courses from accounting or business in consultation with the academic advisor

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

A. S. DEGREE WITH A MAJOR IN BUSINESS

Required to Graduate: **60 credit hours**

General Education Requirement: **27 credit hours**

Including Mth 111 and Eco 201

Business Requirements: **21 credit hours**

Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
BAd 103	Introduction to Software Applications *(or CS 107, 108, and 109)*	3
BAd 301	Business Law	3
Eco 202	Economic Concepts II	3
Mgt 306	Management Concepts	3
Mkt 307	Marketing Concepts	3

Business Electives: **9 credit hours**

Electives: To total 60 credit hours

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

ACADEMIC MINOR IN BUSINESS

This program is limited to students who are not registered in the School of Business.

Business Requirements: **27 credit hours**

Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
BAd 103	Introduction to Software Applications *(or CS 107, 108, and 109)*	3
BAd 318	Business Statistics	3
Eco 201	Economic Concepts I	3
Eco 202	Economic Concepts II	3
Fin 308	Financial Principles	3

Mgt 306	Management Concepts	3
Mkt 307	Marketing Concepts	3

Computer Competency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109.

ACADEMIC MINOR IN FINANCE/ECONOMICS

This program is limited to students who are not registered in the School of Business.

Finance/Economics Requirements:		**24 credit hours**
BAd 318	Business Statistics	3
Eco 201	Economic Concepts I	3
Eco 202	Economic Concepts II	3
Eco 304	Intermediate Economics	3
Eco 307	Money and Banking	3
Fin 308	Financial Principles	3
Fin 314	Managerial Finance	3
Fin 401	Investments and Derivatives	3

ComputerCompetency is met through BAd 103; CS 105; ***OR*** CS 107, 108, and 109

B. S. DEGREE-COMPLETION MAJOR IN AGRICULTURAL BUSINESS

Required to Graduate (minimum): **120 credit hours**

OCTC graduates with an AAS in Agricultural Studies *may transfer in up to 77 credit hours, including the following:*

Agriculture CORE Courses	*20 credits*
*Food & Farm **OR** Production Agriculture Operations Track*	*19 credits*
OCTC GER courses:	
Bio 112/150, Agr 101, Eng 101, MAT 150, CIT 105, and His 101/ 102/104/OR 105	*18 credits*
Additional OCTC GER transfer credits possible:	
Eng 161, Com 181, Eng 102	*9 credits*

General Education Requirement (total):	**45 credit hours**
Including BU GER courses: Eco 201, modern language, and 12 hours of upper-division: theology, literature, philosophy, and fine arts	18 BU credit hours

Major Subject Requirements:		**27 credit hours**
Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
BAd 318	Business Statistics	3
Eco 304	Intermediate Microeconomics	3
Eco 340	Natural Resources Economics	3
Eco 450	Environmental Economics	3
Eco 418	Mathematical Methods in Economics (2^{nd} math requirement)	3
Fin 308	Financial Principles	3

Major UPPER-DIVISION Electives:		9 **credit hours**
BAd 496	Business Internship OR	3
	Two/Three additional Business courses	6 or 9

Related Subject Requirements:		**4**
Bio 325 + Lab:	Ecology	3 + 1

Computer Competency is met as part of the AAS from OCTC.

COURSE DESCRIPTIONS: Accounting, Business Administration, Economics, Finance, Management, Marketing, and Agricultural Business

ACCOUNTING COURSE DESCRIPTIONS

Acc 201 Principles of Accounting I *3 credit hours*
An introduction to financial accounting that explains the accounting principles and procedures used to record and report economic events of a business entity. Financial accounting focuses on the preparation of accounting information for users outside the business entity.

Acc 202 Principles of Accounting II *3 credit hours*
A continuation of the introduction to financial accounting principles and an introduction to managerial accounting. Managerial accounting focuses on the preparation and use of accounting information by management. *Prerequisite: Acc 201*

Acc 301 Intermediate Accounting I *3 credit hours*
Primary emphasis is directed to the basic concepts and theories underlying contemporary external financial reporting. *Prerequisite: Acc 202.*

Acc 302 Intermediate Accounting II *3 credit hours*
Emphasis is placed on certain specialized accounting topics. *Prerequisite: Acc 301.*

Acc 304 Advanced Managerial Accounting *3 credit hours*
An investigation of the current trends in the practice of managerial accounting with an emphasis on the concepts and practices of information gathering, monitoring, and management control in manufacturing and service-oriented businesses. *Prerequisite: Acc 202.*

Acc 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Acc 401 Advanced Accounting *3 credit hours*
An in-depth conceptual study of advanced topics in areas of financial accounting. *Prerequisite: Acc 302.*

Acc 402 Governmental and Nonprofit Accounting *3 credit hours*
The application of general accounting principles to federal, state, local governments, and non-profit organizations. *Prerequisite: Acc 202.*

Acc 404 Federal Individual Taxation *3 credit hours*
A comprehensive study of the federal income tax structure, compliance with federal code and regulations, and income tax planning for individuals. *Prerequisite: Acc 202*.

Acc 406 Federal Entity Taxation *3 credit hours*
A comprehensive study of the federal income tax structure, compliance with federal code and regulations, and income tax planning for taxed and pass-through organizations. *Prerequisite: Acc 202*.

Acc 410 Auditing *3 credit hours*
A comprehensive study and examination of the standards, principles, and procedures of independent auditing and the attest function. Some coverage of internal auditing. *Prerequisite: Acc 302.*

Acc 496 Accounting Internship *1–6 credit hours*
Internships are designed to supplement academic studies with practical work assignments that make the educational program more meaningful. Internships are planned and evaluated work experience integrated with an educational program. They may be directly career related or designed to enhance the student's range of experience. The student, the advisor, and the business liaison (with possible help from the Director of Career Services) at the beginning of the internship application process determine how many hours credit (and, thus, how many hours of work) the student will work; 40 hours of work is required for each credit hour. *Prerequisites: Junior status and permission of instructor.*

Acc 499 Accounting Research Projects *3 credit hours*
Students may conduct guided research in some theoretical or practical aspect of accounting, or they might participate in some special project under the guidance of faculty members. Research topics and projects will vary and depend on the interests of faculty members and students. *Prerequisites: Junior status and permission of instructor*

BUSINESS ADMINISTRATION COURSE DESCRIPTIONS

BAd 103 Introduction to Software Applications *3 credit hours*
Survey of the Windows operating system and business software applications, including word processing, spreadsheet, presentation, and database software. Fulfills computer competency for Business or Accounting majors.

BAd 301 Business Law *3 credit hours*
A basic course dealing with the history and operation of the law, the law of contracts, and some description of other important segments of law useful to business students. *Prerequisite: Junior status or permission.*

BAd 318 Business Statistics *3 credit hours*
Fundamental concepts and methods of statistics covering frequency distributions, measures of central tendency and dispersion, probability, probability distributions, sampling, estimation, statistical quality control, quantitative decision making, hypothesis testing, correlation analysis, regression analysis, and non-parametric statistics. *Prerequisite: Mth 113 or equivalent.*

BAd 320 International Business *3 credit hours*
This course demonstrates how cross-cultural communications can and do affect the methods and outcomes of international business. Different patterns of organizational structures and hierarchies are examined, as are value systems and beliefs, language and other forms of communication, cultural impact on methods of negotiation, and the development of attributes to "grow" global managers.

BAd 330 Contemporary Issues in Agriculture *3 credit hours*
This course provides a broad overview and analysis of current national and international agricultural issues and ethical concerns, as identified by consumers, producers, concerned citizens, and industry personnel. Through this course, the students will obtain awareness of and be able to explore opposing viewpoints on a wide variety of agriculture topics and discover their relationship to the political, economic, and cultural aspects of our society. Agricultural issues are broad in scope and highly variable, but class topics may include biotechnology, food policy, environmental protection, animal welfare, and land and water use. *(This course is offered only in online format.)*

BAd 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

BAd 405 Management Information Systems *3 credit hours*
Examination of information needs of a business and how to plan, design, and implement a system to meet those needs. *Prerequisite: Senior status.*

BAd 410 Public Regulation of Business *3 credit hours*
A study of the effect of government controls upon the business enterprise. Regulatory laws and government agencies are also considered. *Prerequisite: BAd 301.*

BAd 418 Quantitative Methods for Business *3 credit hours*
Quantitative approaches to problem solving in business are covered. Among the topics covered are product and service design, reliability, capacity planning, inventory management, scheduling, and project management. *Prerequisites: Mgt 306 and senior status.*

BAd 490 Business Research Projects *3 credit hours*
Students may conduct guided research in some theoretical or practical aspect of business, or they might participate in some special project under the guidance of faculty members. Research topics and projects will vary and depend on the interests of faculty members and students. *Prerequisites: Junior status and permission of instructor.*

BAd 496 Business Internship *1–6 credit hours*
Internships are designed to supplement academic studies with practical work assignments that make the educational program more meaningful. Internships are planned and evaluated work experience integrated with an educational program. They may be directly career related or designed to enhance the student's range of experience. The student, the advisor, and the business liaison (with possible help from the Director of Career Services) at the beginning of the internship application process determine how many hours credit (and, thus, how many hours of work) the student would be working; 40 hours of work is required for each credit hour. *Prerequisites: Junior status and permission of instructor.*

BAd 499 Business Policy *3 credit hours*
A capstone case course with an emphasis on integrating the various functional areas of business. As cases are discussed, consideration is given to topics such as decision making, strategic planning, and organization theory. *Prerequisites: Senior status, Fin 308, Mgt 306, and Mkt 307.*

ECONOMICS COURSE DESCRIPTIONS

*****GER Approved Course

***Eco 201 Economic Concepts I (Macroeconomics)** *3 credit hours*
An introduction to the functions of an economic system with an emphasis on income determination and government policy.

***Eco 202 Economic Concepts II (Microeconomics)** *3 credit hours*
An introduction to the functions of an economic system with an emphasis on decision-making by individuals and firms in a market economy.

***Eco 204 Survey of Economics** *3 credit hours*
For NON-BUSINESS MAJORS ONLY, this course makes students aware of economic issues facing them and facilitates their understanding of these issues and related policy perspectives. *Prerequisite: Sophomore status.*

***ECO 205H History of Economic Thought: Money and Banking** *3 credit hours*
A core problem in the development and evolution of economic thought is the nature of the relationship between the individual and society in the process of allocating and using resources. Within this process is an orderly way to exchange goods and services, and money serves this purpose in many ways. The development of economic thought is also intertwined with the development of "scientific" as well as religious, political, and social thought. Two objectives of this Honors College course include: a) to investigate various perspectives that have influenced U.S. economic thought, and b) to critically evaluate major contributions to the theories of value, production, and distribution, as well as how money plays a significant role in all of these functions. *Prerequisite: Membership in Honors College.*

Eco 304 Intermediate Economics *3 credit hours*
Intermediate analysis of microeconomic theory and concepts. Topics include consumer behavior and demand, production and costs, price and output under both perfect competition and pure monopoly. *Prerequisite: Eco 201*

Eco 307 Money and Banking *3 credit hours*
This course presents a fundamental treatment of how money functions. Topics covered include the money supply, how banks create money, how the various types of financial institutions operate, and the workings of monetary and fiscal policies. *Prerequisite: Eco 201 or permission of instructor.*

Eco 340 Natural Resources Economics **3 credit hours**
The relationship between human activity and the world's natural resources necessitates choices; to live and produce we must utilize natural environmental resources, but to protect these same natural resources for future generations we must watch how we live and produce. This course uses an economic perspective to study these complex choices. Particular topics covered include resource management models (for agriculture, forests, fisheries, oil, and natural gas), pollution control models (for air and water pollution), sustainable development, and trade and economic growth. *Prerequisite: Eco 201 or equivalent.*

Eco 418 Mathematical Methods in Economics *3 credit hours*
A survey course designed to develop those **mathematical** results and methods that find frequent use in economic analysis. **Prerequisites***: Eco 202, Eco 304, BAd 311, and Mth 113.*

Eco 450 Environmental Economics **3 credit hours**
This course will apply the microeconomic principles underlying the use of natural resources such as air, water, forests, fisheries, minerals and energy. These principles are applied in the examination of pollution control, preservation vs. development, deforestation, weed/yield management and other agricultural and environmental issues. *Prerequisite: Eco 201 or equivalent.*

FINANCE COURSE DESCRIPTIONS

Fin 308 Financial Principles *3 credit hours*
An introduction to the basic principles, concepts, and analytical techniques of finance. Major topics include financial analysis and planning, working capital management, capital budgeting, cost of capital, and sources of capital. *Prerequisites: Acc 201; BAd 103; Eco 201 and 202.*

Fin 314 Managerial Finance *3 credit hours*
This course uses cases to reinforce finance principles and to develop further areas such as financial analysis and planning, working capital management, capital budgeting, and capital structure. *Prerequisite: Fin 308.*

Fin 401 Investments and Derivatives *3 credit hours*
This course is designed to introduce the students to the general investment media, the analysis of these alternative investments, both individually and in a portfolio context, and the operations of the securities markets. *Prerequisite: Fin 308.*

Fin 415 Advanced Financial Topics *3 credit hours*
The path-breaking advances in finance theory and practice over the past decades have profoundly changed the financial world. This is an advanced course in financial theory. The objective of the course is to increase the student's knowledge and understanding of security analysis and portfolio management. The course is lecture based but includes class discussion. Lectures will cover both theory and examples. Homework assignments will focus on applying the material from lectures. Major topics covered include bond prices and yields, management of bond portfolios, macroeconomics and industry analysis, equity valuation, options markets and valuation, future markets and risk management, and performance evaluation and active portfolio management. REQUIRED Capstone Course for Financial Mathematics Majors; Major Subject Elective for Business and Finance Majors. *Prerequisites: Fin 308 and 314; senior status.*

MANAGEMENT COURSE DESCRIPTIONS

Mgt 306 Management Concepts *3 credit hours*
The study of principles of management focused around a central core of planning, organizing, directing, controlling, and staffing. *Prerequisite: Sophomore status.*

Mgt 308 Organizational Behavior *3 credit hours*
This course explores the field of organizational behavior from both internal and external perspectives. Key areas include organizational processes, change and development, organizational structures, and outcomes. Organizational theory will be highlighted so that learning can be applied to real world settings and situations. *Prerequisite: Mgt 306.*

Mgt 315 Personnel/Human Resource Management *3 credit hours*
An introduction to the management of human resources in organizations, with emphasis on the role of human resource manager. The course focuses on job design, employee recruitment and selection, assessment and performance, compensation and benefits, legal constraints, retaining human resources, employee development, and employee-management relations. *Prerequisite: Mgt 306.*

Mgt 316 Global Management *3 credit hours*
This course provides a comprehensive understanding of the competitive global business marketplace of the 21st century. It covers vital topics in the international business environment, including understanding cultural diversity, roles of international organizations, economic theories on international trade, development and investment, strategic planning, and organizational design. *Prerequisite: Mgt 306.*

Mgt 317 Industrial/Organizational Psychology *3 credit hours*
This course will cover current thought, policies, practice, and tools relevant to industrial/organizational (I/O) psychology and how they can be used in the development of human resources in such areas as employee selection, psychological testing, performance appraisal, training, and development. *Prerequisites: Mgt 306 and Psy 105.*

Mgt 341 Human Resource Management Assessment *3 credit hours*
This course provides an introduction to classical and contemporary theories in testing and measurement. It covers areas of reliability, validity, and norming common to all test construction. It investigates the legal and ethical issues relevant to psychological testing. It is an introductory survey of tests used to measure general mental ability, specific abilities and aptitudes, personality, interests, and attitudes in personnel and employment settings. *Prerequisite: Mgt 315.*

Mgt 403 Marketing Management *3 credit hours*
An integrative course utilizing the case method approach to develop experience in creating alternative strategic responses to problems facing a marketing manager. *Prerequisite: Mkt 307.*

Mgt 411 Labor-Management Relations *3 credit hours*
The study of the history of the labor movement in the United States, a survey of the legal framework involved with union/management relationships, and an understanding of the collective bargaining process. *Prerequisite: Mgt 315.*

Mgt 420 Seminar in Human Resource Management *3 credit hours*
A comprehensive course in human resource management with emphasis on the implementation of the latest methods and techniques of HRM programs. It focuses on current issues and changes in the field and their implications to the organization. *Prerequisite: Mgt 315.*

MARKETING COURSE DESCRIPTIONS

Mkt 307 Marketing Concepts *3 credit hours*
The study of the principles of marketing around the themes of product, price, place, and promotion. *Prerequisite: Sophomore status.*

CATHOLIC STUDIES

ACADEMIC MINOR IN CATHOLIC STUDIES

The Catholic Studies minor at Brescia University seeks to preserve and enrich the Catholic tradition of dialogue between faith and reason in a manner that respects diverse faith traditions. It examines the Catholic intellectual heritage through an interdisciplinary liberal arts program that seeks to shape the character of the whole person within the spirit of St. Angela Merici, founder of the Ursulines.

Students who choose to minor in Catholic Studies will be challenged to investigate the creative tension in history between faith and reason, the Catholic intellect and contemporary culture, Catholicism and philosophy, literature and the arts and sciences, Catholic thought and the history of world civilizations, Catholic social teaching and government, politics, social work, and the business world. The Catholic Studies minor also promotes Brescia's special Ursuline mission to women and families in order to transform society by engaging students in a healthy dialogue between women's spirituality and Catholic theology. The program will bring all of this to life through the lens of the Catholic intellectual tradition as it fosters the integration of the spiritual life into the student's major field of study. Finally, the Catholic Studies minor embodies the Ursuline core values of community, leadership, justice, and service to the community in its collaboration with non-credit programs and in its dialogue with world cultures.

Students may pursue both a baccalaureate degree in Theology and a minor in Catholic Studies. However, only two (2) courses may be used to fulfill requirements in both programs.

Academic Minor in Catholic Studies: **21 credit hours**
(No more than six hours in any one discipline may be taken.)

Theology Requirements: **6 credit hours**

Th 110	Catholic Faith	3

Theology Elective:

Th 303, 318, 320, ***OR*** 350	Catholic Moral Tradition and Contemporary Issues, Faith and Justice: The Gospels and Social Values, The Church, ***OR*** Development of Catholic Doctrine	3

Required Interdisciplinary Electives: **15 credit hours**

Choose two (2) of the following:

Eng 370	Catholic Writers	3
His 334	History of the Renaissance and Reformation	3
Phl 347	Ethics of Health Care	3

Choose three (3) of the following not already taken for above categories:

Any of the above Electives (Eng 370, His 334, Phl 347, or Theology electives)		3
Art 380	Renaissance Art	3
Art 386	History of Religious Imagery in Western Art	3

Additional courses may be chosen as electives with the permission of the advisor and the faculty member. Students will complete a contract identifying the activity that will determine the suitability of the course for credit in the minor.

CHEMISTRY

The Chemistry program has three main purposes: (1) to educate chemists for graduate work, research, industry, and teaching; (2) to give a basic background in chemistry to students of related sciences; and (3) as a part of general education, to broaden students' knowledge of and appreciation for scientific advancement as it affects their lives, society, and environment. The minimum number of credit hours required for the major is thirty-two credit hours. The program emphasizes the application of chemical principles to the life sciences, although curriculum tracks for various other career areas may be appropriate. Prospective chemistry major students should consult with their advisors to determine the best program for their career needs.

B. S. DEGREE WITH A MAJOR IN CHEMISTRY

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **32 credit hours**

Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Quantitative Analysis ***and***	3
Chm 205L	Quantitative Analysis Lab	1
Chm 301	Organic Chemistry I ***and***	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II ***and***	3
Chm 302L	Organic Chemistry II Lab	1
Chm 350	Physical Chemistry ***and***	3
Chm 350L	Physical Chemistry Lab	1
Chm 409	Biochemistry I ***and***	3
Chm 409L	Biochemistry I Lab ***OR***	1

Chm 410	Biochemistry II ***and***	3
Chm 410L	Biochemistry II Lab	1
Chm 499	Seminar	1
	Upper-Division Elective	3

Related Subject Requirements: **20 credit hours**

Mth 211	Calculus I	4
Mth 212	Calculus II	4
Mth 213	Calculus III **(*OR*** another upper-level math course)	4/3
PhS 201	General Physics I ***and***	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II ***and***	3
PhS 202L	General Physics II Lab	1

Electives: To total 120 credit hours

Computer Competency is met through Chm 499.

Students interested in pursuing an **ENGINEERING** degree should consider taking the following courses. For additional program requirements, students should consult the Engineering School of their choice for baccalaureate and post-baccalaureate requirements and/or recommendations.

Bio 325	Ecology	3
Mth 305	Differential Equations	3
Mth 313	Probability and Statistics	3
PhS 350	Thermodynamics	3

ACADEMIC MINOR IN CHEMISTRY

Chemistry Requirements: **24 credit hours**

Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Quantitative Analysis ***and***	3
Chm 205L	Quantitative Analysis Lab	1
Chm 301	Organic Chemistry I ***and***	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II ***and***	3
Chm 302L	Organic Chemistry II Lab	1
	Upper-Division Elective(s)	4

CHEMISTRY COURSE DESCRIPTIONS

*GER Approved Course

***Chm 100 Introduction to Chemistry** *3 credit hours*
Basic chemistry, including an introduction to geology. Laboratory. Does not apply to a chemistry major.

***Chm 101 General Chemistry** I *3 credit hours*
Fundamental laws, theories, and concepts of modern chemistry. Three lectures and one laboratory period per week. *Prerequisite: Mth 010 or higher with a C or better, or a 19 or higher in Math on the ACT*

***Chm 101L General Chemistry I Lab** *1 credit hour*
Generally taken with Chm 101 – General Chemistry I.

Chm 102 General Chemistry II *3 credit hours*
Intensive treatment of the principles of chemistry with analytical study of the anions and cations. Three lectures and one laboratory period per week. *Prerequisite: Chm 101 or instructor consent.*

Chm 102 General Chemistry II Lab *1 credit hour*
Generally taken with Chm 102 – General Chemistry II. *Prerequisite: Chm 101L.*

Chm 205 Quantitative Analysis *3 credit hours*
Theory and practice of volumetric and gravimetric analysis. Laboratory practice in the identification of unknowns. Methods of calculation used in analysis are emphasized. Three lectures and one laboratory period per week. *Prerequisites: Chm 101and 102.*

Chm 205L Quantitative Analysis Lab *1 credit hour*
Generally taken with Chm 205 – Quantitative Analysis.

Chm 301 Organic Chemistry I *3 credit hours*
Fundamentals of modern organic chemistry with emphasis on bonding, mechanism, stereo-chemistry, analysis, and synthesis of organic compounds. Three lectures and one laboratory period per week. *Prerequisites: Chm 101 and 102*.

Chm 301L Organic Chemistry I Lab *1 credit hour*
Generally taken with Chm 301 – Organic Chemistry I. *Prerequisite: Chm 102L.*

Chm 302 Organic Chemistry II *3 credit hours*
Continuation of modern organic chemistry with emphasis on bonding, mechanism, stereo-chemistry, analysis, and synthesis of organic compounds. Three lectures and one laboratory period per week. *Prerequisites: Chm 301.*

Chm 302L Organic Chemistry II Lab *1 credit hour*
Generally taken with Chm 302 – Organic Chemistry II. *Prerequisite: Chm 301L.*

Chm 307 Problems in Chemistry I *2–3 credit hours*
Introduction to research for advanced students in chemistry.

Chm 308 Problems in Chemistry II *2–3 credit hours*
Continued research for advanced students in chemistry.

Chm 320 Inorganic Chemistry *3 credit hours*
Survey of atomic structure, descriptive chemistry of selected elements, periodic relationships, chemical bonding, nomenclature, aqueous and non-aqueous chemistry, and coordination complexes. Three lectures per week. *Prerequisites: Chm 102 and 205.*

Chm 350 Physical Chemistry *3 credit hours*
Elementary principles of thermodynamics; modern theories of atomic and molecular structure; kinetics and various equilibria of chemical importance, with an emphasis on biochemical applications. Three lectures and one laboratory period per week. *Prerequisites: Four semesters of chemistry; mathematics through calculus; general physics.*

Chm 350L Physical Chemistry Lab *1 credit hour*
Generally taken with Chm 350 – Physical Chemistry.

Chm 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Chm 405 Directed Research *2 credit hours*
Directed laboratory/library projects for senior chemistry majors and minors of demonstrated superior ability. *Admission by recommendation only.*

Chm 409 Biochemistry I *3 credit hours*
Chemistry of proteins, nucleic acids, enzymes, and other biomolecules. Emphasis on structure and function of biochemical processes. Three lectures and one lab period per week. *Prerequisites: Chm 301 and 302.*

Chm 409L Biochemistry I Lab *1 credit hour*
Generally taken with Chm 409 – Biochemistry.

Chm 410 Biochemistry II *3 credit hours*
Chemistry of carbohydrates, fats, and other biomolecules. Emphasis on reaction pathways and other biochemical processes. Three lectures weekly. *Prerequisites: Chm 301 and 302.*

Chm 410L Biochemistry II Lab *1 credit hour*
Generally taken with Chm 410 – Biochemistry II.

Chm 499 Chemistry Seminar *1 credit hour*
This course is an introduction to chemical literature and chemistry information systems. *Prerequisite: Senior status.*

COMMUNICATION SCIENCES AND DISORDERS

Brescia University is well known in Owensboro and the surrounding area for its Communication Sciences and Disorders program. Brescia offers a pre-professional Bachelor of Science undergraduate degree in the area of speech language pathology and audiology. Speech-language pathologists are health care professionals who evaluate and treat problems related to speech sound production, comprehension and production of language, cognition, voice, stuttering, swallowing, and hearing for individuals across the lifespan that result from various etiologies.

The Communication Sciences and Disorders Program, located in the Social and Behavioral Sciences Division, encompasses classroom learning and field or practicum experiences that embrace individuality among students pursuing their education in a positive learning environment. At Brescia, we adhere to the current standards of the American-Speech-Language-Hearing Association to challenge and prepare our students as they continue into their Master's program at the university setting of their choice.

Brescia University offers a Master of Science in Speech Language Pathology with preferred acceptance to Brescia students. Please see preferred acceptance standards in graduate admissions section.

B. S. DEGREE WITH A MAJOR IN COMMUNICATION SCIENCES and DISORDERS

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

As part of their General Education coursework, CSD majors should take the following:

Bio 100	Introduction to Biology (Math/Natural Sciences GER)	3

***ONE** of the following additional Science courses:* 3

Chm 100	Introduction to Chemistry ***or***	
PhS 100	Introduction to Physics ***or***	
PhS 110	Integrated Physical Science	

The following (Soc/Behavioral Science GER) 3 credit hours

Psy 105	Introduction to Psychology ***or***	

Major Subject Requirements: **40 credit hours**

CSD 240	Introduction to Communication Disorders	3
CSD 250	Language Development	3
CSD 262	Phonetics	3
CSD 266	Anatomy and Physiology	3
CSD 300	Articulation and Phonological Disorders	3
CSD 354	Introduction to Clinical Practice	2
CSD 363	Audiology	3
CSD 364	Aural Rehabilitation	3
CSD 370	Language Disorders	3
CSD 374	Clinical Practicum I	1
CSD 415	Speech and Hearing Science	3
CSD 460	Diagnostic Procedures	3
CSD 467	Voice and Fluency Disorders	3
CSD 470	Neuroanatomy	3
CSD 474	Clinical Practicum II	1

Related Subject Requirements: **9 credit hours**

Mth 250	Statistics for Social Science ***or*** Psy 320	3
Edu 255	Teaching Diverse Populations	3
Psy 300	Developmental Psychology	3

Recommended Free Electives:

BIO 201	Anatomy and Physiology	3
*BIO 112	Human Nutrition	3
ENG 306	Linguistics	3
PSY 270	Cognitive Psychology	3
*SW 310	Social Issues in Diversity	3
*SW 312	Death and Dying	3
*PHL 347	Ethics of Health Care	3
IDC 210	Basic Sign Language	3

Electives: To total 120 credit hours

Computer Competency is met through CS 108 or IdC 100.

COMMUNICATION SCIENCES and DISORDERS (CSD) COURSE DESCRIPTIONS

CSD 240 Introduction to Communication Disorders *3 credit hours*
An introduction to the most advanced of neurological functions, human communication. An emphasis will be placed on the knowledge of the profession and the disordered populations served by speech-language pathologists and audiologists. The course will include an introductory look at the American Speech Language and Hearing Association's code of ethics and scope of practice. A total of 25 clinical observation hours (field experience) will be required for this course.

CSD 250 Language Development *3 credit hours*
An introduction to language acquisition across the lifespan, with an emphasis on basic concepts, theories of development, and consideration of language differences in multicultural diverse populations. *Prerequisite: CSD 240 recommended.*

CSD 262 Phonetics *3 credit hours*
A study of speech sounds and associate International Phonetic Alphabet symbol as they relate to applications to normal and disordered populations, with practical experience in transcription provided. *Recommendation: Ideally this course would be taken in conjunction with Eng 306 – Linguistics.*

CSD 266 Anatomy and Physiology *3 credit hours*
A comprehensive study of the anatomical and physiological processes and their related functions for the normal development of speech, language, hearing, and swallowing.

CSD 300 Articulation and Phonological Disorders *3 credit hours*
A study of normal and disordered speech production. The course content includes the diagnosis and treatment of articulation and phonological disorders, phonological theories, phonetic characteristics, sound acquisition, and speech differences in a multicultural society. *Prerequisite: CSD 262.*

CSD 354 Introduction to Clinical Practice *2 credit hours*
An introduction to clinical experience reflecting on pre-clinical expectations of various clinical settings, report and goal writing, for various communication, cognitive, and swallowing disorders. *Prerequisite: CSD 250 and CSD 300*

CSD 363 Audiology *3 credit hours*

Introduction to anatomy and physiology of hearing; hearing science; pure tone audiometric test interpretation; audiogram interpretation; and the nature, degree, and prevention of hearing loss.

CSD 364 Aural Rehabilitation *3 credit hours*
A study of the development of the auditory function, auditory dysfunction, and multisensory approach to rehabilitation. Introductory knowledge of amplification and assistive listening devices. *Prerequisite: CSD 363.*

CSD 370 Language Disorders *3 credit hours*
A study of language-disordered populations across the lifespan, including issues in prevention, with practical application for diagnosis and treatment. *Prerequisite: CSD 250.*

CSD 374 Clinical Practicum I *1 credit hours*
A clinical practicum experience that enables students in the area of Speech Pathology to obtain supervised, hands-on practicum experiences in various communication, cognitive, swallowing, and hearing disorders. This clinical practicum consists of 25 contact hours within pediatric and school-based populations, monthly meetings, and outside assignments. This course is required for all CSD majors. *Prerequisites: CSD 354.*

CSD 399 Independent Study *1–4 credit hours*
This elective course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

CSD 415 Speech and Hearing Science *3 credit hours*
Introduction to a basic understanding of acoustics, and of the acoustics involved in speech production and speech perception processes as they relate to the anatomy and physiology of the human speech production mechanism. *Prerequisite: CSD 262.*

CSD 460 Diagnostic Procedures *3 credit hours*
This course provides the basic foundations of the principles and practices commonly used by professionals in the assessment of communication, cognitive, voice, and swallowing disorders. Experience in the use of standardized and non-standardized instruments with subsequent report and goal writing will be addressed. *Prerequisites: CSD 262, 266, 363, and 370.*

CSD 467 Voice and Fluency Disorders *3 credit hours*
Introduction to voice and fluency disorders across the lifespan, including theory, anatomical and physiological basis, as well as characteristics of the various disorders. Diagnosis and management will be included in discussion. *Prerequisites: CSD 415.*

CSD 470 Neuroanatomy *3 credit hours*
The study of the structure, organization and development of the central nervous system with a detailed study of the neurology of speech, language, swallowing and cognition. Case studies will be reviewed with discussion on various diseases, illnesses and injury to the central nervous system. *Prerequisites: CSD 266 and Junior/Senior status.*

CSD 474 Clinical Practicum II 1 *credit hours*

A clinical practicum experience required for all CSD majors that enables students in the area of Speech Pathology to obtain supervised, hands-on advanced practicum experiences in various communication,

cognitive, swallowing, and hearing disorders. This practicum consists of monthly meetings, outside assignments, and 25 contact hours within more complex pediatric and geriatric populations in acute care, rehab, long-term care, and/or other clinical settings. *Prerequisite: CSD 354 and 470.*

COMPUTER SCIENCE

Studies in Computer Science can lead to a Bachelor's degree or a Minor within the discipline. Brescia University also offers a Master of Science in Information Systems with preferred acceptance to Brescia graduates. Please see preferred acceptance standards in graduate admissions section.

The education that undergraduates in computer science (CS) receive must prepare them adequately for the workforce in a more holistic way than simply conveying technical facts. Indeed, soft skills (e.g., teamwork, verbal and written communication, time management, problem solving, flexibility) and personal attributes (risk tolerance, collegiality, patience, work ethic, identification of opportunity, sense of social responsibility, appreciation of diversity) play a critical role in the workplace. Successfully applying technical knowledge in practice often requires an ability to tolerate ambiguity and to negotiate and work well with others from different backgrounds and disciplines. These overarching considerations are important for promoting successful professional practice in a variety of career paths. Students will enhance soft skills and personal attributes both through the general college experience and specific curricula.

The four-year baccalaureate program offers courses within all areas of STEM disciplines within the Ursuline Educational Tradition; it covers most key concepts and technical knowledge within the field; in addition, the program is designed to foster the development of soft skills and personal attributes.

The MAJOR focuses on the computer science discipline and provides a broad-based background sufficient for entry to a career in computing in many of its standard formats. The program includes thirty-nine (39) hours of designated Computer Science course work, of which at least 50% is at the 300–400 level. Completion of the major requires a minimum cumulative 2.0 GPA and a 2.5 or better GPA for the CS major.

Through thoughtful individual mentoring and careful planning, students seeking a CS major may use their remaining free electives to add a specific computing career focus by taking courses in computer art/graphic design, in business and management systems, or in additional computer science electives.

An academic minor in Computer Studies is also offered for those who wish to combine a solid background in computing with another major area.

The Computer Science faculty also teach key courses within the multidisciplinary Financial Mathematics Bachelor of Science degree .

Students will be able to sit the C Programming Language Certified Associate (CLA) certification exam after completing CS 110, and the C++ Certified Associate Programmer (CPA) certification exams after completing CS 111.

B. S. DEGREE WITH A MAJOR IN COMPUTER SCIENCE

Required to Graduate:	120 credit hours
General Education Requirement:	**48 credit hours**
CS Core:	**24 credits**
CS 110 Programming I	3 credits
CS 111 Programming II	3 credits
CS 210 Data Structures and Algorithms	3 credits
CS 220 Computer Ethics (or Phl 231, 346, or 347)	3 credits
CS 385 Computer Organization and Architecture	3 credits
CS 320 Operating Systems	3 credits
CS 370 Data Communication and Networking	3 credits
CS 497-499 Senior Seminar	3 credits
***CS Electives: (choose 4 courses)**	**12 credits**
CS 335 Artificial Intelligence	3 credits
Art 419 Digital Animation	3 credits
CS 420 Web and Mobile Programming	3 credits
CS 351 Computer Modeling & Simulation	3 credits
CS 440 Programming Languages	3 credits
CS 312 Systems Analysis & Data Design	3 credits
CS 330 Theory of Computation	3 credits
Mth 340 Numerical Analysis	3 credits
Mth 415 Operations Research	3 credits
CS 410 Computer Topics	3 credits
BAd 405 Management Information Systems	3 credits
CS 495 Computer Science Internship	3 credits
***Support Core:**	**24-27 credits**
*****Quantitative (choose four courses.)*	*12 credits*
*Mth 111 Algebra & Trig I	3 credits
*Mth 112 Algebra & Trig II	3 credits
Mth 103 Discrete Math	3 credits
**Mth 113 Survey of Calculus	3 credits
**Mth 211 Calculus I and Lab	4 credits
Mth 212 Calculus II and Lab	4 credits
Mth 213 Calculus III and Lab	4 credits
Mth 305 Differential Equations	3 credits
Mth 308 Linear Algebra	3 credits
Mth 303 Discrete Foundations of Math	3 credits
Mth 313 Probability and Statistics	3 credits
BAd 318 Business Statistics	3 credits
BAd 418 Quantitative Methods in Business	3 credits
Eco 418 Mathematical Methods in Economics	3 credits
Mth 340 Numerical Analysis	3 credits
Mth 415 Operations Research	3 credits
CS 351 Computer Modeling and Simulation	3 credits
CS 330 Theory of Computation	3 credits

****Related Skills (choose four courses; approved by advisor.)* *12 credits*

NOTE: These courses must include 2 upper division courses. Any CS elective may be considered in place of a related skill course.

Fine Arts courses: Art 111, Art 160, Art 210, Art 211, Art 260, Art 316, Art 318, Art 414, Art 418

Business courses: BAd 301, BAd 320, BAd 410, BAd 418, BAd 490, Eco 201, Eco 202, Eco 204, Eco 304, Eco 418, Fin 308, Mgt 306, Mgt 308, Mgt 316, Mgt 317

Humanities courses: Eng 306, IdC 205

Math and Sciences courses: Phs 100, Phs 201, Phs 202, Phs 300, Phs 301, Phs 305, Mth 303, Mth 305, Mth 308, Mth 313, Mth 340, Mth 415

Social and Behavioral courses: Pls 215, Pls 250, Pls 304, Pls 310, Pls 313, Pls 400, Pls 403, Psy 260, Psy 270, Psy 380, Psy 410

NOTES:

* These courses do not count toward the degree if the student places into calculus

** No student may count both Survey of Calculus and Calculus I toward the CS degree

*** Courses listed in multiple categories may be counted only once, but in the listed category of the student's choice. Courses in the support core may also count toward GER if otherwise eligible.

Electives: total 120 credit hours

ACADEMIC MINOR IN COMPUTER SCIENCE

The Computer Science minor is designed to provide basic proficiency in computer science; it only introduces the primary elements of the discipline. It will have not less than twenty-five (25) hours of designated coursework, of which at least 25% will be at the 300–400 level. Any undergraduate on campus (except students majoring in CS) may pursue a computer science minor.

General Education Requirement (for baccalaureate program)**:** **48 credit hours**

As partial fulfillment of the GER, students seeking a CS minor should take the following:

Mth 103	Discrete Mathematics	3
CS 101/103	Intro to Computers/Funds of Programming	1 & 2 = 3

COMPUTER SCIENCE CORE: 21 credit hours

Foundation Requirements: **12 credit hours**

CS 110	Programming I	3
CS 111	Programming II	3
CS 210	Data Structures and Algorithms (formerly CS 310)	3
CS 220	Computers and Ethics	3

CS Electives: **6 credit hours**

CS Upper Level: Choose 3 of the following, including at least one of CS 320, 370, and 385, and not more than one course without a CS prefix 9 credit

CS 320	Operating Systems	3 credit
CS 370	Networking	3 credit
CS 385	Computer Organization	3 credit
Art 419	Digital Animation	3 credit
BAd 405	Management Information Systems	3 credit
CS 335	Artificial Intelligence	3 credit
CS 420	Web and Mobile Programming	3 credit

CS 351	Computer Modeling & Simulation	3 credit
CS 440	Programming Languages	3 credit
CS 312	Systems Analysis & Data Design	3 credit
CS 330	Theory of Computation	3 credit
CS 410	Computer Topics	3 credit
Mth 340	Numerical Analysis	3 credit
Mth 415	Operations Research	3 credit

Students must choose at least two (2) 300–400 courses from the Computer Science program course list.

RELATED SUBJECT REQUIREMENTS: **3 or 4 credit hours**

Mth 103	Discrete Math	3 credit
Mth 113	Survey of Calculus	3 credit
Mth 211	Calculus I	4 credit

COMPUTER SCIENCE COURSE DESCRIPTIONS

*GER Approved Courses

***CS 101 Introduction to Computers** *1 credit hour*

This course is a part of the core for a degree in computer science and serves as a roadmap for the rest of the computer courses that students will take. It will provide an overview of the architecture and organization of a computer, such as the CPU, memory, I/O organization, and peripherals. From this course, students will learn the basics of computer architecture and is designed for those with no prior computing experience. This course is also open to non-majors. *Prerequisite: None.*

***CS 103 Fundamentals of Programming** *2 credit hours*

This is an entry-level programming course designed to teach the basics of program design, coding, and testing. It presents students with methods of structured problem-solving and modular logic so they can become conversant with these skills before learning syntax and programming code in a specific language. Students will be introduced to hierarchy charts, flow charts, pseudo code, and IPO diagrams as well as different problem-solving techniques. *Prerequisite: None.*

***CS 105 Office Applications** *3 credit hours*

This course allows the student to learn to use word processing and presentation software. It allows students to present written materials in a professional and appealing manner. Students will learn how to apply the features of a presentation software program to design, create, and edit professional quality presentations. They will also learn word processing fundamentals include the features used with basic line, page, and document formatting. Topics include: creating, saving, retrieving, formatting, drawing, editing, and printing documents; changing fonts, creation of "slides" and "slideshows." graphics, tables, merging, sorting, columns, styles, document generation, macros, and appropriate application of each of these features to enhance the preparation and presentation of a variety of documents. It is designed for those with no prior programming experience. *Prerequisite: None.*

***CS 107 Electronic Spreadsheets** *1 credit hour*

The course allows students to learn how to use a spreadsheet software such as Microsoft Excel®. It will explore topics such as spreadsheet layout and terminology, totals, charting, report generation, how to enhance a worksheet and chart, and how to manipulate formulas. Students will examine sample files, videos, and books that will enable them to gain practical knowledge about spreadsheets that can be used in daily life, either at work, school, or home. *Prerequisite: None.*

***CS 108 Internet Technology** *1 credit hour*

This course, designed for those with no prior programming experience, provides a broad introduction to the Internet and its resources, with emphasis on using the World Wide Web to locate, transfer, and publish information. Students will be taught specifically how to design and code HTML programs, which will allow them to create websites. *Prerequisite: None.*

***CS 109 Databases** *1 credit hour*

This course provides an introduction to a database software such as Access®. A hands-on course, it helps students develop general knowledge of database design, development, and administration as well as application development, using a microcomputer database management system. Students will learn how to develop a database including tables, queries, forms, and reports. *Prerequisite: None.*

***CS110 Programming I** *3 credit hours*

This is an entry-level programming course (no prior programming experience needed) that introduces programming using a high-level language such as C++. Students will be taught how to design, code, debug, and document programs using structured techniques and good programming styles. Students will be able to sit the C Programming Language Certified Associate (CLA) certification exam. *Prerequisite: Admission to any Mathematics course higher than Mth 006.* **Co-requisite: CS 101, CS 103.**

CS 111 Programming II *3 credit hours*

This course introduces the principles and practices of Object Oriented Programming, using at least two OOP languages such as C++ and JAVA. The course also continues to build on the students' experience with control structures (i.e., selection, iteration, and recursion), data types (e.g. arrays, strings, pointers, and dynamic structures), and fundamental algorithms for operations such as sorting and searching. Students will be able to sit the C++ Certified Associate Programmer (CPA) exam. *Prerequisite: CS 110.*

CS 210 Data Structures and Algorithms *3 credit hours*

This course investigates the development and use of basic data structures and algorithms, which are used as tools in designing computer solutions to problems. It covers topics such as arrays, stacks, queues, trees, sorting, searching, and graphs. Students will become familiar with the specification, usage, implementation, and analysis of these data structures and algorithms. *Prerequisites: CS 111, Mth 103.*

CS 220 Computers Ethics *3 credit hours*

This course examines the ethical issues that arise as a result of the increasing use of computers, and the responsibilities of those who work with computers either as computer science professionals or end users. The course stresses the ways in which computers challenge traditional ethical and philosophical concepts, and the way they raise old issues in a new way. The aim of the course is to study the basis for ethical decision-making and the methodology for reaching ethical decisions concerning computing matters so that students will be able to think critically, arguing for and/or against a particular approach or idea. *Prerequisite: Eng101; recommended: Eng102.*

CS 312 Systems Analysis and Data Design *3 credit hours*

This course presents a comprehensive introduction to systems analysis and database design. It provides students with the skills to identify business problems that may be solved by technology-based solutions, to determine requirements for information systems solutions, and to develop designs – based on a SDLC model – that form the basis for implementing systems. Students are introduced to a strong foundation in systems analysis and design concepts, methodologies, techniques, and tools such as relational Algebra, UML, and SQL; they then apply these theories and principles in the designing of a working database system. *Prerequisite: None; recommended: Eng101.*

CS 320 Operating Systems *3 credit hours*

This course looks at the internal operations and fundamental principles of modern operating systems. Students learn how an operating system manages both system resources and asynchronous concurrent events. Topics include processes/threads, CPU scheduling, synchronization, deadlocks, memory management, virtual memory, file systems, I/O systems, protection, and security. Students also learn how to operate in different operating systems such as Linux and Mac to understand basic user-level skills in order to use of advanced operating system features. *Prerequisite: CS 110; recommended: CS 210.*

CS 330 Theory of Computation *3 credit hours*

This course addresses questions like *What kind of problems can be algorithmically solved?* and *What are the limits of what a computer can compute?* Students are introduced to a variety of issues in the mathematical development of computer science theory, particularly finite representations for languages and machines and Turing Machines. They also learn to determine the complexity and computability of algorithms, thereby obtaining insights into the capabilities and limitations of the computing machines. *Prerequisites: Mth 103 and Mth 211.*

CS 335 Artificial Intelligence *3 credit hours*

This course provides students with the most fundamental concepts and techniques underlying the construction of intelligent computer systems. It covers topics such as computer agents, problem solving, uncertainty, learning, and search strategies. Areas of application such as knowledge representation and expert systems will be explored. The course will thus provide the necessary framework for further study and research in the field. *Prerequisites: CS 110 and Mth 103; recommended: CS 210.*

CS 351 Computer Modeling and Simulation *3 credit hours*

The course introduces the basic concepts of computation through modeling and simulation that are increasingly being used to shorten design cycles, innovate new products, and evaluate designs and simulate the impacts of alternative approaches. Students learn different modeling methods and conduct a detailed examination of four problem-solving aspects: finding and gathering necessary information, envisioning an appropriate model to address desired goals, implementing the model using appropriate software tools (spreadsheets, statistical packages, symbolic manipulators, simulation packages, programming languages), and testing/analyzing the model. *Prerequisites: Mth 211 and CS 110*

CS 370 Data Communication and Networking *3 credit hours*

This course introduces fundamental principles of computer communications and provides an overview of the design and implementation of computer communication networks by looking at different network architectures and design principles, along with procedures and rules involved in the communication process as well as the software that controls computers communication. The course also examines different communication technologies and protocols suites such as TCP/IP. *Prerequisite: CS 101.*

CS 385 Computer Organization and Architecture *3 credit hours*

This course is a follow-up to CS101 that overviewed the architecture and organization of a computer. It helps students understand the basic operation of computing hardware, how it works and interfaces to software. As a result, students reach a high-level understanding of the role played by compilers, assemblers, instruction sets, and hardware. The course will also introduce students to system-level programming, which helps students in debugging programs written in high-level languages. *Prerequisites: CS 101 and Mth 103.*

CS 399 Independent Study *1–3 credit hours*

This is an elective self-directed course designed to give students who have completed basic courses an opportunity to pursue original research in a chosen computer science topic not offered in the curriculum. The course may include directed readings, applied work, assisting the faculty member with a research project, carrying out an independent research project, or other activities deemed appropriate by the supervising faculty member and the department. Regardless of the nature of the experience, the work must culminate in a formal paper. This course may be repeated for credit with a change of topic. *Prerequisite: Junior status; faculty approval.*

CS 410 Computer Topics *3 credit hours*
This is a seminar-based course designed to explore advanced and/or emerging topics in the computer science discipline. Topics identify current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course may be repeated for credit with a change of topic. *Prerequisite: Junior status; faculty approval.*

CS 420 Web and Mobile App Programming *3 credit hours*
Mobile devices and the Internet have become a prominent part of daily lives, and people have come to rely on them for on-the-go information. At present, Mobile devices outnumber desktop and laptop computers approximately three-to-one worldwide. This course teaches students how to build applications for different mobile operating platforms such as Android and iOS. It also introduces them to programming professional web applications using languages such as XHTML, CSS, PHP, MySQL, JavaScript, and Ajax, providing them with the skills to analyze and use them appropriately in the designing of web solutions. *Prerequisite: CS 111*

CS 440 Programming Languages *3 credit hours*
A capstone programming course, this provides students with the working knowledge of the basic principles underlying the design of different families of programming languages such as Imperative, Object-Oriented, Functional, Scripting, and Logical; each of these has their own strengths and weaknesses that make them attractive to a variety of problem domains. This course allow students to examine different families based on different concepts such as the language's computational model, syntax, semantics, and pragmatic considerations that shape it. Students use the programming languages learned in their courses to perform these examinations. *Prerequisites: CS 312, CS 335, CS 420*

CS 490 Programming Projects Seminar for Minors *3 credit hours*
This course, designed as the capstone experience for students completing the CS minor, is an integrative course drawing on all of the courses that students have taken, including both general education and CS courses. Students are required to do in-class presentations by reading current research or survey papers and applying their computer science knowledge to solving a substantial real-world problem, resulting in the submission of a product (i.e. software, documentation) or a written paper (the thesis) and a public presentation. This course does not count toward the computer science major. *Prerequisite: Declared Computer Science Minor.*

CS 495 Computer Science Internship *1–3 credit hours*
The internship experience gives students an opportunity to integrate theory and practice by working in a supervised professional setting. During the chosen internship, designed in collaboration with a CS faculty sponsor and the Career Services Office, students enrolled will be individually supervised by faculty who will guide the student's experience to maximize learning. The course will be offered to students during the academic year of their junior year and the summer and first semester of their senior year. To earn one (1) credit hour, student must complete forty (40) hours of field work. *Prerequisite: Junior status. Students may repeat this course as CS 495A for up to three additional hours of free elective credit.*

CS 497 Senior Seminar I *1 credit hour*

This course is designed as the first part of the capstone research experience for students, integrating all of the courses that students have taken, including both general education and major courses. Students are required to do in-class presentations by reading current research or survey papers and synthesizing and applying their computer science knowledge in order to solve a substantial real-world problem. This results in a research proposal. *Prerequisite: Completed junior year.*

CS 498 Senior Seminar II *1 credit hour*

This completes the senior seminar for Computer Science majors and must be taken in conjunction with CS499 – Senior Project. Students are required to do in-class presentations by reading current research or survey papers and providing a forum for discussion of senior project expectations, development and progress. The course culminates in the creation of a product report for the software created in CS499 – Senior Project or a written paper (the thesis). *Prerequisite: CS 497*. **Co-requisite: CS 499.**

CS 499 Senior Project *1 credit hour*

This senior course allows students to complete a capstone project and serves as a culmination of their studies within the major. The project entails the implementation of the research proposal created in CS498 – Senior Seminar I. Students work typically through teams designing, implementing, and testing the solution to the specific problem. Each team is supervised by a designated faculty. The senior project concludes with the submission of a product (i.e. software, documentation) or a written paper (the thesis) and a public presentation. *Prerequisite: CS 497.* **Co-requisite: CS 498.**

ENGINEERING STUDIES

The Associate of Science degree in Engineering Studies provides a rigorous course of study in the pre-requisites of a four-year engineering program. The A.S. in Engineering studies is designed to be able to transfer coursework to an institution offering a B.S. degree in Engineering. Students should work with their academic advisor and other institutions to verify transfer credits.

As seen below, the "Engineering Studies" major is more generalized, whereas the "Engineering Technology" major is more heavily focused on chemistry.

A. S. DEGREE WITH A MAJOR IN ENGINEERING STUDIES

Required to Graduate:		**60 credit hours**
General Education Requirement:		**24 credit hours**
Engineering Requirements:		**16 credit hours**
Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
PhS 201	General Physics I ***and***	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II ***and***	3
PhS 202L	General Physics II Lab	1
Related Subject Requirements:		**18 credit hours**
CS 110	Programming I	3
Mth 211	Calculus I	4
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 305 ***OR*** 308	Differential Equations ***OR*** Linear Algebra	3

Electives: To total 60 credit hours
(Some engineering fields have additional requirements that should be taken rather than general interest courses; Programming II [CS 111] strongly recommended. Students should consult their academic advisor and/or the post-baccalaureate institution being considered for additional studies.)

Computer Competency is met through CS 110.

A. S. DEGREE WITH A MAJOR IN ENGINEERING TECHNOLOGY

Required to Graduate: **60 credit hours**

General Education Requirement: **24 credit hours**
Additional or specific requirements include:
Social and Behavioral Sciences: choose three disciplines from among history, sociology, psychology, political science, and economics.

Technical Area Requirements: **25 credit hours**
CHEMICAL TECHNOLOGY:

Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Analytical Chemistry ***and***	3
Chm 205L	Analytical Chemistry Lab	1
Chm 301	Organic Chemistry I ***and***	3
Chm 301L	Organic Chemistry I Lab	1
PhS 100	Introduction to Physics	3
Phs 105	Introduction to Geology ***OR***	3
Phs 104	Astronomy	3
	Elective in Physics or Chemistry	3

Related Subject Requirements: **7 credit hours**

CS 110	Programming I	3
Mth 211	Calculus I	4

Electives: To total 60 credit hours
(In consultation with an academic advisor, choose electives in support of career objectives or personal interests.)

Computer Competency is met through CS 110.

For COURSE DESCRIPTIONS, please see Chemistry section above

ENGLISH

The study of literature and language encourages clarity and originality of thought and expression, and fosters the growth of individual moral and aesthetic judgment. Brescia English majors are employed in a variety of satisfying careers, including teaching, public relations, creative writing, college administration, business, library science, and law. English faculty sponsor the Ichabod Society, which organizes social and cultural events throughout the academic year, as well as a literary journal that publishes creative writing produced by Brescia University students. An emphasis in Professional Writing is available within the Bachelor of Arts Degree in English. Minors in English and Professional Writing as well as a Middle Grades Teaching Area and Secondary Certification in English are also offered.

B. A. DEGREE WITH A MAJOR IN ENGLISH

Required to graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **27 credit hours**

Eng 204	Introduction to Literature	3
Eng 321	English Literature I	3
Eng 322	English Literature II	3
Eng 341	American Literature I	3
Eng 342	American Literature II	3
	Advanced Literature (400-level)	6

Choose two (2) of the following:

Eng 300	Advanced Writing	3
Eng 301	Creative Writing	3
Eng 306	Linguistics (required for teacher certification)	3
Eng 390	Advanced Grammar and Editing	3

Major Subject Electives: **9 credit hours**

Recommended:

Eng 432	Shakespeare	3

Electives: To total 120 credit hours

Computer Competency is met through Eng 102.

B. A. DEGREE WITH A MAJOR IN ENGLISH with an EMPHASIS IN PROFESSIONAL WRITING

The Emphasis in Professional Writing is designed to prepare students for careers in journalism, public relations, and communications. Any students interested in pursuing graduate studies after college, especially in fields such as business, social sciences, social work, law, and the sciences may be interested in completing a minor in professional writing to prepare them for success in graduate school. Course work in this area has broad-based applications to virtually every career and will prepare students who complete course work in this field with essential communication skills for the workplace of the 21st century.

NOTE: *Students taking the following sequences may not take a lower-numbered course once they have taken the higher-level course: Eng 010 and Eng 101; Eng 101 and Eng 102.*

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements:

Literature:		**21 credit hours**
Eng 204	Introduction to Literature	3
Eng 321	English Literature I	3
Eng 322	English Literature II	3
Eng 341	American Literature I	3
Eng 342	American Literature II	3
	Advanced Literature (400-level)	6
Writing:		**15 credit hours**
Choose five (5) courses from the following:		
Eng 292	Introduction to Journalism	3
Eng 300	Advanced Writing	3
Eng 301	Creative Writing	3
Eng 306	Linguistics	3
Eng 390	Advanced Grammar and Editing	3
Eng 392	Advanced Journalism	3
Eng 400	Professional and Technical Writing	3
Eng 498	Practicum	3

Recommended: Courses in photography and graphic design.

Electives: To total 120 credit hours

Computer Competency is met through Eng 102.

B. A. DEGREE IN ENGLISH with SECONDARY TEACHER CERTIFICATION

Students who wish to obtain Secondary Teacher Certification along with an English major should consult that section of the "Teacher Education" programs later in this CATALOG.

ACADEMIC MINOR IN ENGLISH

English Requirements:		**24 credit hours**
Eng 204	Introduction to Literature	3
Eng 321	English Literature I ***OR***	3
Eng 322	English Literature II	3
Eng 341	American Literature I ***OR***	3
Eng 342	American Literature II	3
	Advanced Literature (400-level)	3
*Choose **one** (1) of the following:*		3
Eng 292	Introduction to Journalism	3
Eng 300	Advanced Writing	3
Eng 301	Creative Writing	3
Eng 306	Linguistics	3
Eng 390	Advanced Grammar and Editing	3

English Electives: Three (3) courses of upper-division coursework in English **9**

Computer Competency is met through Eng 102**ACADEMIC MINOR IN PROFESSIONAL WRITING**

Minor Subject Requirements: **21 credit hours**

Electives: **15 credit hours**

Choose five (5) courses from the following:

Eng 292	Introduction to Journalism	3
Eng 300	Advanced Writing	3
Eng 301	Creative Writing	3
Eng 306	Linguistics	3
Eng 390	Advanced Grammar and Editing	3
Eng 392	Advanced Journalism	3
Eng 400	Professional and Technical Writing	3
Eng 498	Practicum	3

Electives: **6 credit hours**

Choose two (2) courses from the following:

Eng 292	Introduction to Journalism ***OR***	3
Any 300- or 400-level English course		3

Computer Competency is met through Eng 102.

MIDDLE SCHOOL TEACHING AREA IN ENGLISH

English Requirements: **21 credit hours**

Eng 101	Writing I	3
Eng 102	Writing II	3
Eng 300	Advanced ***Writing OR***	3
Eng 301	Creative Writing	3
Eng 306	Linguistics ***OR***	3
Eng 390	Advanced Grammar and Editing	3
Eng 341	American Literature I ***OR***	3
Eng 342	American Literature II	3
	Upper-Division English Elective	3
	Upper-Division Literature Elective	3

Related Subject Requirement: 3 credit hours

Edu 315	Adolescent Literature	3

Computer Competency is met through Edu 246.

ENGLISH COURSE DESCRIPTIONS

*****GER Approved Course

Eng 010 Basic English *3 credit hours*

Designed to prepare the student for college composition through grammar and usage drill, frequent writing exercises, and required tutorial sessions. A grade of "C" is required for entrance into Eng 101.

***Eng 101 Writing I** *3 credit hours*

Through discussions, conferences, frequent practice, and peer review, this course helps students develop the ability to communicate their thoughts and experiences in writing that is clear and interesting. *Prerequisite: ACT English score of 18 or higher*

***Eng 102 Writing II** *3 credit hours*

While refining the skills developed in Writing I, this course emphasizes argumentation through library research. *Prerequisite: Eng 101. Taking IDC 100OL concurrently is strongly recommended.*

***Eng 201 Introduction to Fiction** *3 credit hours*
A study of the elements of fiction, including both short fiction and the novel. *Prerequisites: English 101 and 102. May not be taken for English major credit without advisor approval.*

***Eng 202 Introduction to Poetry** *3 credit hours*
An examination of the elements of poetry through discussion and analysis of representative poetic works. *Prerequisites: English 101 and 102. May not be taken for English major credit without advisor approval.*

***Eng 203 Introduction to Drama** *3 credit hours*
A survey of drama as a literary form from its beginnings to the present day. *Prerequisites: English 101 and 102. May not be taken for English major credit without advisor approval.*

***Eng 204 Introduction to Literature** *3 credit hours*
An introduction to the principal forms of literature — fiction, poetry, and drama — through study of selected works. *Prerequisites: English 101 and 102.*

***ENG 250H Introduction to the Literature of Social Protest** *3 credit hours*
This Honors College course explores imaginative literatures from a variety of historical, cultural, and geographical contexts that confront and challenge specific problems in society. Through in-depth study of multiple genres – including but not limited to fiction, poetry, nonfiction, and drama – this course introduces students to the sociopolitical function of literature. *Prerequisites: Membership in the Honors College and successful completion of Eng 101 and Eng 102.*

Eng 292 Introduction to Journalism *3 credit hours*
News, feature, and opinion writing; design and layout; production of Brescia *Broadcast*. *Prerequisites: Eng 101 and 102.*

Eng 300 Advanced Writing *3 credit hours*
Students review and polish writing skills and explore various forms of writing, including writing about self and others, social commentary, writing about education, sports, literature, film and television, and science and technology. Some assignments include research. Open to all students; especially recommended for students pursuing graduate or professional studies. *Prerequisites: Eng 101, 102, and 200-level literature.*

Eng 301-4 Creative Writing *3 credit hours each*
Recommended for English majors and minors and anyone with an interest in producing creative writing. The focus of instruction is on techniques of fiction and poetry writing, but participants are encouraged to pursue whatever type of imaginative writing interests them, from songs to screenplays. The best writings produced each year appear in Brescia's literary magazine, ***URSULA MAJOR.*** *Prerequisites: Eng 101, 102, 200-level literature, and instructor consent.*

Eng 306 Linguistics *3 credit hours*
An overview of the study of language, including such topics as the nature of human language, its grammatical aspects (phonology, morphology, syntax, semantics, writing), its social and historical aspects (dialect, slang, sexism), and its biological aspects (language acquisition, language and the brain). Designed chiefly to meet Kentucky secondary teacher certification, as a requirement for the ESL Teaching Endorsement, and as an elective in primary and middle school education programs with areas of emphasis in English or language arts. It may be taken as an elective by any interested student. *Prerequisites: Eng 101 and 102.*

***Eng 321 English Literature I** *3 credit hours*

A chronological study of the major movements and authors of English literature from Old English poetry and prose through the major writers of the Eighteenth Century. *Prerequisite: One 200-level literature course*.

***Eng 322 English Literature II** *3 credit hours*
A chronological study of the major movements and authors of English literature from the Romantic era to Victorian and modern writers. *Prerequisite: One 200-level literature course.*

***Eng 330 Ethnic and Minority Literatures** *3 credit hours*
This course focuses on the literatures produced by ethnic and minority cultures within a range of historical and geographical contexts. Close study of literary texts in such genres as fiction, poetry, and nonfiction enables students to understand and evaluate the cultural legacy of marginalized communities. *Prerequisite: One 200-level literature class.*

***Eng 331 Southern & Appalachian Literature** *3 credit hours*
This course studies imaginative literatures created by writers associated with the geographical and cultural territories of the American South and Appalachia. In-depth examination of literary texts in the genres of fiction, poetry, and nonfiction empowers students to understand and evaluate the literary and cultural life of these important regions. *Prerequisite: One 200-level literature class.*

***Eng 341 American Literature I** *3 credit hours*
An introduction to the major American writers from the Puritans to the Civil War era. *Prerequisite: One 200-level literature course.*

***Eng 342 American Literature II** *3 credit hours*
An introduction to the major American writers from the Realists of the post-Civil War era to contemporary authors. *Prerequisite: One 200-level literature course.*

***Eng 350 Contemporary and Postmodern American Literature** *3 credit hours*
A survey of literature (fiction, poetry, drama, non-fiction) written in the Americas since 1950. The focus may differ each time the course is offered, but whatever the focus, the course will make students aware of the variety of important writers currently contributing to our American literary heritage. *Prerequisite: One 200-level literature course.*

***Eng 360 Introduction to Shakespeare** *3 credit hours*
This course offers students an introduction to the language, the historical background, the literary background, and the major themes of Shakespeare's plays. Students will read plays representative of the major divisions of Shakespeare's dramas: history, comedy, tragedy, and romance. *Prerequisite: One 200-level literature course.*

***Eng 370 Catholic Writers** *3 credit hours*
This course examines the work of representative authors who view the world from a Catholic perspective. *Prerequisite: One 200-level literature course.*

Eng 390 Advanced Grammar and Editing *3 credit hours*
This course reviews the basic sentence structure of the English language, the principles of sentence formation and combining, the basic rules for punctuation, and the standards for writing correct English prose. Students learn to edit their own writing with a goal to produce clear, correct prose. *Prerequisites: Eng 101 and 102.*

Eng 392 Advanced Journalism *3 credit hours*

Advanced news, feature, and opinion writing; production of the Brescia *Broadcast*. *Prerequisite: Eng 292.*

***Eng 395 World Mythology** *3 credit hours*
A thematic introduction to the great myths of the world with emphasis upon how they have influenced literature and art. Independent reading and research required. *Prerequisite: One 200-level literature course.*

Eng 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: One 200-level literature course and submission and approval of "Application for Admission to Independent Study."*

Eng 400 Professional and Technical Writing *3 credit hours*
Designed for English majors who want to write professionally and for non-English majors who must write in their careers, Eng 400 focuses on forms of writing which occur in science, business, and industry. The course considers various approaches to technical writing and includes workshops on technical description, document design, graphics/visuals, oral communication, and collaboration. In addition, Eng 400 encourages students to gear assignments/projects to their majors, careers, and/or areas of interest. *Prerequisite: One 200-level literature course.*

Eng 413 World Novel *3 credit hours*
Masterpieces of the novel in translation including selections from such writers as Cervantes, Voltaire, Flaubert, Dostoyevsky, and Solzhenitsyn. *Consent of instructor generally required.*

Eng 428 Modern British Fiction *3 credit hours*
A course stressing the aesthetic and thematic developments of the British novel in the late nineteenth and early twentieth century. Authors include Hardy, Conrad, Lawrence, Woolf, Forster, and Waugh. *Consent of instructor generally required.*

Eng 432 Shakespeare *3 credit hours*
A thorough study of Shakespearean drama, including representative major histories, comedies, and tragedies. *Consent of instructor generally required.*

Eng 446 Modern American Fiction *3 credit hours*
This course explores and evaluates the fiction of major American authors from the late nineteenth century to the present, including such writers as James, Drieser, Cather, Hemingway, Fitzgerald, Faulkner, and Steinbeck. *Consent of instructor generally required.*

Eng 448 Contemporary and Postmodern American Novel *3 credit hours*
Major American novelists from 1950 to the present. *Consent of instructor generally required.*

Eng 490 Classical Literature *3 credit hours*
A study of major writings in translation from the Ancient World through the Middle Ages, including Greek and Roman dramatists, Homer and Dante. *Consent of instructor generally required.*

Eng 495 Modern World Literature *3 credit hours*
A survey of the major literary developments of the twentieth century, including such writers as Eliot, Pirandello, Kafka, Silone, Camus, and Mann. *Consent of instructor generally required.*

Eng 498 Practicum *3 credit hours*

English majors and minors use their writing and organizational skills in a supervised work experience. Students work sixty (60) hours a semester at the location of their placement position. Students work an additional sixty (60) hours keeping a journal and portfolio of their experience, planning their job or graduate school search, and meeting with their faculty sponsor on a weekly basis. *Prerequisite: Eng 392 or 400.*

Eng 499 Readings in Literature *1–3 credit hours*
An individually designed reading list to bridge gaps in a student's knowledge of language and literature.

FINANCIAL MATHEMATICS

The Financial Mathematics major, which is interdisciplinary among the Mathematics, Computer Science, and Economics/Finance programs, prepares students for careers in the financial services and actuarial industries. Possible rewarding careers resulting from this major include financial planner, private wealth manager, investment manager (for a mutual fund, pension plan, or endowment), and actuary.

There is currently a serious shortage of individuals who have sufficient training in mathematics and statistics as well as an understanding of business and finance/economics. Companies that employ operations research analysts or actuaries cannot fill their positions. Mathematical Finance and related areas have often been referred to as engineering for the service sector or "financial engineering." With the ever-increasing importance of the service section in the current economy, this mathematical finance degree will prove to be a valuable asset. The program will give the student an opportunity to study a fascinating collection of ideas and will provide the student with highly marketable skills.

B. S. DEGREE IN FINANCIAL MATHEMATICS

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Students pursuing this major should plan on taking to the following courses as part of their General Education Requirements:

Mth 211	Calculus I *(Math GER)*	4
Eco 201	Economic Concepts I *(Soc/Behav Sciences GER)*	3
CS 110	Programming I *(Math/Science Computer Competency)*	3

Major Subject Requirements: **53 credit hours**

Acc 201	Principles of Accounting I	3
Acc 202	Principles of Accounting II	3
Fin 308	Financial Principles	3
Fin 314	Managerial Finance	3
Fin 401	Investments and Derivatives	3
Fin 415	Advanced Topics in Finance	3
Eco 202	Economic Concepts II	3
Eco 418	Math Methods in Economics	3
BAd 318 ***or*** Mth 313	Business Statistics ***or*** Probability and Statistics	3
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 305	Differential Equations	3
Mth 308	Linear Algebra	3
Mth 340 ***or*** CS 330	Numerical Analysis ***or*** Theory of Computation	3
Mth 415 ***or*** CS 351	Operations Research ***or*** Computer Modeling and Simulation	3
CS 111	Programming II	3
CS 210	Data Structures and Algorithms	3

Electives: To total 120 credit hours

In consultation with their advisor, students choose other business, math, or computer science courses and/or courses from different disciplines when choosing free electives. The following electives are SUGGESTED:

Eco 304	Intermediate Economics	3
Eco 307	Money and Banking	3
BAd 418	Quantitative Methods for Business	3

Computer Competency is met through CS 110.

FINANCIAL MATHEMATICS COURSE DESCRIPTION

Since this major is interdisciplinary, descriptions of almost all required courses are found in the Business, Computer Science, and Mathematics programs elsewhere in this. The capstone course for the major is described here.

Fin 415 Advanced Financial Topics *3 credit hours*

The path-breaking advances in finance theory and practice over the past decades have profoundly changed the financial world. This is an advanced course in financial theory. The objective of the course is to increase the student's knowledge and understanding of security analysis and portfolio management. The course is lecture based but includes class discussion. Lectures will cover both theory and examples. Homework assignments will focus on applying the material from lectures. Major topics covered include bond prices and yields, management of bond portfolios, macroeconomic and industry analysis, equity valuation, options markets and valuation, future markets and risk management, and performance evaluation and active portfolio management. *Prerequisites: Fin 308 and 314; senior status.*

FIRST YEAR EXPERIENCE (FYE)

The Brescia University First Year Experience (FYE) program serves first-time, full-time freshmen who have begun their college experience within five years of their high school graduation. FYE students enjoy an expanded orientation experience, participate in at least the first of the two academic courses described below, and are involved in extensive co-curricular and service activities and opportunities.

BU 101 Intro to Brescia University *1 credit hour*

BU101 is designed as an extended orientation program, exposing first-year participants to a variety of experiences, materials, lectures, discussions, and activities that will enhance student learning by enhancing student engagement. Required of all traditional on-campus first-time full-time students.

BU 102 Intro to Brescia University II *1 credit hour*

BU 102 is designed as a supplement to BU 101 with a more intensive focus on topics surrounding academic success utilizing a variety of experiences, materials, lectures, discussions, and activities that will enhance student learning by enhancing student engagement. This course is required for individuals on academic probation after their first semester, those who failed BU 101, and certain transfer students depending on credits attained.

FRENCH

Courses in modern languages help equip students to function in an increasingly global society. Courses in French satisfy the Modern Languages General Education Requirements. The Modern Languages Area offers non-traditional credit through CLEP, Advanced Placement, and Challenge examinations. Students interested in this form of credit should see the non-traditional credit policies in this *Catalog* and/or contact the Modern Language Coordinator.

The study of French involves a four-course sequence that begins with Frn 101, a course designed for students without previous studies of French and/or those who have completed a maximum of two years of high school French. Students with three–four years of high school French generally begin language studies with Frn 102; exceptions may be made at the discretion of the Modern Languages Area Coordinator; a placement exam is available for students requesting this exception. To satisfy General Education Requirements, native speakers of French must begin the course sequence with Frn 201.

NOTE: *Students taking the following sequences may not take a lower-numbered course once they have taken the higher-level course: Frn 101 and Frn 102; Frn 201 and Frn 202.*

FRENCH COURSE DESCRIPTIONS

*GER Approved Course

***Frn 101 Elementary French I** *3 credit hours*
An introduction to the language with stress on the aural-oral values of the language, including dialogue phonetics, grammar, diction, and laboratory work.

***Frn 102 Elementary French II** *3 credit hours*
Part Two of the introduction to the language with stress on its aural-oral values, including dialogue phonetics, grammar, diction, and laboratory work. *Prerequisite: Frn 101.*

***Frn 201 Intermediate French I** *3 credit hours*
Training in aural-oral values of the language, composition and conversation, grammar, and laboratory work. *Prerequisite: Frn 102 or equivalent.*

***Frn 202 Intermediate French II** *3 credit hours*
A continuation of Frn 201, with further training in aural-oral values of the language, composition and conversation, grammar, and laboratory work. Reading and analysis of texts will be included. *Prerequisite: Frn 201 or equivalent.*

Frn 399 Independent Study *1–3 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Frn 202 or equivalent and submission and approval of "Application for Admission to Independent Study."*

GEOGRAPHY

Students preparing to function in the modern world must have a broad understanding of global cultures and resources; the study of geography helps prepare globally literate citizens. Courses in geography are also offered in support of the teacher certification programs in Elementary Education and Special Education, and in the Middle School and Secondary Social Studies programs.

GEOGRAPHY COURSE DESCRIPTIONS

Geo 211 World Geography I *3 credit hours*
This course is a survey in general geography designed to describe the earth's topography, political, and cultural divisions.

Geo 212 World Geography II *3 credit hours*
This course continues the survey in general geography designed to describe the earth's topography, political, and cultural divisions.

GRAPHIC DESIGN

The Graphic Design major, one of the specializations among the art major, concentrates on skills and creative problem solving appropriate to the design and advertising field. Current professional software packages are utilized to complete projects based on client criteria and marketing concepts. Design elements include but are not limited to typography, print media, website design and hosting, and digital animation. The Graphic Design program is supported by fine arts foundation classes and electives.

B. A. DEGREE WITH A MAJOR IN GRAPHIC DESIGN

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **39 credit hours**

Art 101, 202, 303	Drawing I, II, and III	3, 3, 3
Art 111	Design I	3
Art 160	Basic Photo I	3
Art 210, 316, 414	Graphic Design I, II, and III	3, 3, 3
Art 280	History of Art I	3
Art 281	History of Art II	3
Art 331	Painting	3
Art 350 ***OR*** 351	Printmaking I ***OR*** II	3
Art 418	Special Problems in Graphic Design	3

Major Subject Electives: (Upper-Division Courses) **9 credit hours**

Electives: To total 120 credit hours

Computer Competency is met through the major.

Graphic Design COURSE DESCRIPTIONS are found within "Art Course Descriptions,"

HISTORY

History is a basic discipline in any liberal arts education, with its goal to help us understand the development of the cultures, societies, and ideas that have formed the world we live in. In addition, the study of history provides a solid foundation for a variety of careers, including law, teaching, journalism, and government.

The Bachelor of Arts degree may be earned with a major in history; a minor is also offered. Students planning to major in history must complete twelve (12) credit hours of history before making application for the major. As a general rule, upper-division courses are offered every other year. Introductory courses are offered every year.

B. A. DEGREE WITH A MAJOR IN HISTORY

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **15 credit hours**

His 101	Survey of World Civilization I	3
His 102	Survey of World Civilization II	3
His 201	History of the United States I	3
His 202	History of the United States II	3
His 499	History Seminar	3

Major Subject Electives: **24 credit hours**

Eight (8) additional courses from the list below must be taken, seven (7) of which must be upper-division (300–400 level). To ensure a well-rounded major, a student must take at least one upper-division course in each of these geographic categories:

1. United States History
2. Western European History
3. Non-Western History (Latin America, Russia, The Middle East)

History 341 may not be taken to satisfy category (1).

Unless the advisor in consultation with the student gives permission to do otherwise, upper-division courses for a major and a minor will be taken after the introductory courses are completed.

His 311	Diplomatic History of the United States to 1914	3
His 312	Diplomatic History of the United States since 1914	3
His 316	England: 1485–1815	3
His 317	History of Russia to 1917	3
His 318	19th Century Europe	3
His 320	Europe since 1914	3
His 325	World War II	3
His 330	History of Women in America	3
His 332	The Middle East	3
His 333	History of Ancient Greece and Rome	3
His 334	History of the Renaissance and Reformation	3
His 339	History of Christianity to 1648	3
His 340	Religious History of the American People	3
His 341	History of Kentucky	3
His 342	Latin America since Independence	3
His 399	Independent Study	3

Electives: To total 120 credit hours

Computer Competency is met through IdC 100.

ACADEMIC MINOR IN HISTORY

A student wishing to minor in history must take the four (4) introductory courses (His 101, 102, 201, and 202) and an additional twelve (12) credit hours, at least nine (9) of which must be on the upper-division level. A student must take at least one (1) upper-division course in two of the geographic categories listed above.

HISTORY COURSE DESCRIPTIONS

GER Approved Course

***His 101 Survey of World Civilization I** *3 credit hours*

The development of world civilizations from the earliest times to the Age of Exploration, emphasizing the main events, people, and ideas shaping each civilization and the corresponding events and ideas in the non-Western world and the inter-relationships among various civilizations. *Fulfills Global History requirement.*

***His 102 Survey of World Civilization II** *3 credit hours*

The development of world civilizations from the Age of Exploration to the present, emphasizing the main events, people, and ideas shaping each civilization and the corresponding events and ideas in the non-Western world and the inter-relationships among civilizations. *Fulfills Global History requirement.*

***His 201 History of the United States I** *3 credit hours*
Social, cultural, and political history of the U.S. from colonial times to the Civil War.

***His 202 History of the United States II** *3 credit hours*
Social, cultural, and political history of the U.S. from the Civil War to the present.

***His 205H Race, Ethnicity, and Migration** *3 credit hours*
An introduction to the historical role of race, ethnicity, and migration in the U.S. and a transnational history that explores the homelands of immigrants, the causes of emigration, and the transnational migration networks bringing migrants to America. The course also covers immigration, acculturation and assimilation, and the creation and evolution of ethnic conclaves in the U.S. Roughly 60% of the course addresses global history; in addition, obstacles to assimilation in the U.S. and constructed ideas about what it means to be American are covered. This course fills a general education requirement (GER) in the *global history/Social and Behavioral Sciences* area. *Prerequisite: Member of the Honors College.*

***His 311 Diplomatic History of the United States to 1914** *3 credit hours*
Major issues in U.S. diplomatic history from the American Revolution to the eve of World War I; emphasis on American expansion and rise to world power. *Prerequisite: Sophomore status or permission of instructor.*

***His 312 Diplomatic History of the United States since 1914** *3 credit hours*
Analysis of major problems and issues in U.S. diplomatic history from 1914 to the present. Topics include U.S.-Soviet relationship; American response to revolutions in Russia, China, and Mexico; the Vietnam War; American policy in the Middle East and Central America. *Prerequisite: Sophomore status or permission of instructor.*

***His 316 England: 1485–1815** *3 credit hours*
Study of the Renaissance and Reformation in England; the emergence of England as a first-rate colonial and political power. *Prerequisite: Sophomore status or instructor permission.*

***His 317 History of Russia to 1917** *3 credit hours*
Covers the social, political, economic, and cultural development of Russia from earliest times to 1917. Particular consideration is given to Russian expansionism, the rise of absolutism and of serfdom, and the impact on Russia of various foreign cultures: Byzantine, Mongol, and Western. *Prerequisite: Sophomore status or permission of instructor.*

***His 318 19th Century Europe** *3 credit hours*
A study of the political, social, cultural development of Europe from the fall of Napoleon to 1914. Topics include ideological struggles; liberalism versus conservatism; nationalism; unification of Germany and Italy; industrialization; response of intellectuals to industrialization; expansion of Europe overseas; the Age of Bismarck; and alliance systems. *Fulfills Global History requirement. Prerequisite: Sophomore status or permission of instructor.*

***His 320 Europe since 1914** *3 credit hours*
Analysis of Europe from 1914 to the present day. Topics include the world wars; rise of fascism and communism; revolution in Russia; intellectual and cultural developments; the collapse of communism and of the Soviet Union; the Common Market; and prospects for European unity. *Prerequisite: Sophomore status or permission of instructor. Fulfills Global History requirement.*

***His 325 World War II** *3 credit hours*

This course is an upper-division global history of the Second World War. It begins with the collapse of the international peace initiatives following World War I during the Great Depression and concludes with the resurrection of such initiatives in the advent of the atomic age. While the European theater (including the war in Western Europe, the Mediterranean, and Eastern Europe) is a major part of the course, covering about a third of the course material, the rest of the course will cover the Pacific Theatre (China, Japan, Australia, and the Pacific islands campaigns), the Indian Ocean theaters (Middle East, India, Burma, Malaysia), and the Latin American and southern African theaters. *Fulfills Global History requirement.*

***His 330 History of Women in America** *3 credit hours*
Analysis of the various roles women have played in American life from colonial times to the present and of the ideas and theories regarding women's proper place. *Prerequisite: Sophomore status or permission of instructor.*

***His 332 The Middle East** *3 credit hours*
This course covers the history of the Middle East from the rise of Islam to the present day. Topics include the life and teaching of Muhammad, Islamic Civilization, the Christian West and Islam, rise of nationalism, Israel, modernization, terrorism, and current issues. *Fulfills Global History requirement. Prerequisite: Sophomore status or permission of instructor.*

***His 333 History of Ancient Greece and Rome** *3 credit hours*
A survey of Greek and Roman history from the beginning in Ancient Greece through the Christianizing of the Roman Empire. Emphasis on political and cultural evolution. *Prerequisite: Sophomore status or permission of instructor.*

***His 334 History of the Renaissance and Reformation** *3 credit hours*
Culture and society in Europe between 1300–1600. Topics include problems of the medieval church and state, the waning of the Middle Ages, artistic achievements, early voyages of discovery, the Protestant Reformation, and the Catholic Counter Reformation. *Prerequisite: Sophomore status or permission of instructor.*

***His 339 History of Christianity to 1648** *3 credit hours*
Survey of Christianity from apostolic times through the Reformation with particular emphasis on the role of Christianity in the political, cultural, and moral development of the West. Topics include the early Church Fathers, impact of Islam, medieval papacy, Luther, and Calvin. *Fulfills Global History requirement. Prerequisite: Sophomore status or permission of instructor.*

***His 340 Religious History of the American People** *3 credit hours*
A study of historical origins and development of religion in America from colonial times to the present. Major themes include successive immigrant groups and their religious beliefs, leaders, and institutions; the response of religion to major problems in American history; and the development of mainstream and marginal religious movements. *Prerequisite: Sophomore status or permission of instructor.*

His 341 History of Kentucky *3 credit hours*
This course is divided into two parts: a study of the social and physical geography of the seven regions of Kentucky and of the development of each region and its unique culture; and the history of the state of Kentucky from pre-Revolutionary War explorations to the present. Special emphasis is placed on the skills and knowledge for elementary teachers of Kentucky history. *Prerequisite: History 201 or 202.*

***His 342 Latin America since Independence** *3 credit hours*
A study of Latin America in the 19th and 20th centuries with special emphasis on Central America, Argentina, Mexico, and Brazil. Topics include the Spanish heritage, the achievement of independence, the quest for identity after independence, democracy vs. authoritarianism, and economic dependence and modernization. *Prerequisite: Sophomore status or permission of instructor.*

His 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

His 425 Ancient Civilizations *3 credit hours*
This course is an upper-division global history of the ancient world. This course is an exploration of the ancient civilizations that emerged around the world from 4000 BC to 500AD. As pastoral and agricultural communities developed and cities emerged, a series of revolutions in every facet of human life occurred, shaping the world of today. *Prerequisite: Eng 102.*

His 495 Practicum *3 credit hours*
Students apply their knowledge and skills in a supervised off-campus setting such as a museum, archives, or government agency. The student works a minimum of 120 hours for the semester, meets regularly with the area coordinator, and submits written materials reflecting her/his work experience. *Prerequisite: Junior status or permission of instructor.*

His 499 History Seminar *3 credit hours*
This is a required capstone course for history majors. Students read and discuss historical works, present a research paper, and master research skills including the use of computer resources. *Prerequisite: Senior status or permission of instructor*

HONORS PROGRAM

THE HONORS COLLEGE

PURPOSE: The Honors College is an academic and co-curricular community of intellectually talented and ambitious students who are coached, advised, and mentored by faculty and staff in development and promotion of educational, social, spiritual, and service opportunities.

GOAL: Through the Honors College, students will take classes presented in seminar-style coupled with out-of-class activities and field trips to engage them in real world experiences. Honors College housing includes a common area for meetings and social gatherings to create a community of scholars.

OBJECTIVES: The Honors College pledges to enhance the academic program and promote the image of Brescia University by making available a structured, credit-bearing program of classes, service opportunities, and arts activities to challenge academically talented students.

To achieve these objectives, students will:

- take specific Honors College GER classes (reserved for HC students only);
- participate in extra-curricular events that require group process and leadership skills;
- become active participants in societal issues and concerns;
- conduct research and report findings; and
- develop a community of students engaged in intellectual discussion.

HONORS COLLEGE INVITATION. Students who meet the following criteria will be invited to join the Honors College:

1. A Centennial Scholarship ***OR***
2. A 25 on the ACT
3. A 3.5 high school GPA and
4. A record of extracurricular activities

PROGRAM STRUCTURE AND ACTIVITIES: Over a four-year-degree cycle, Honors College students will participate in three (3) three-credit Honors Courses and complete (at a minimum) a 1-credit-hour internship, following the University requirements for internships (40 hours of work/service per credit hour being earned):

- First Year: 100-level GER or 200-level GER
- Second Year: 100-level GER or 200-level GER
- Third and Fourth Years: Internship OR Upper-Division Honors College Seminar Course on various multicultural topics, with the option of presenting student research to a broader audience. All students are required to complete both the internship and seminar, but the timing of when these are taken can be adjusted to fit individual major requirements. In other words, either course may be taken in Junior year, with the remaining course requirement taken the following year.***AND***
  - Participation in a minimum of five (5) on- and off-campus co-curricular activities and opportunities per academic year.

HONORS COLLEGE HOUSING: St, Ann Hall, with 16-18 spaces for Honors College students, offers a comfortable residence for on-campus students to provide an Honors Living Learning Community outside of the classroom.

CREDIT: All credits and grades earned in the Honors College will be listed on the transcript as Honors course work. Students who complete the twelve-credit program will be recognized as Brescia University Honors College Scholars at the Honors Convocation and at graduation.

Continuation in the Honors College:
In order for a student to continue membership in the Honors College, the student must maintain the following GPA:

- 3.0 at the end of the Freshman year
- 3.2 at the end of the Sophomore year
- 3.5 at the end of the Junior year.

Students who do not achieve the identified GPA may continue in the Honors College for one semester. Should the GPA not rise to the identified figure at the end of that semester, the student will be asked to leave the Honors College.

Students must finish their academic career as a senior with at least a 3.5 cumulative GPA in order to receive recognition as an Honors College graduate.

HONORS COLLEGE COURSE DESCRIPTIONS

The curriculum of the Honors College may change, depending on faculty and student interests. The current classes, *open ONLY to Honors College students*, include the following freshman- and sophomore-level courses as well as the senior seminar, all of which are approved as General Education Requirements within their respective categories:

***Bio 104H Scourge and Cure: The Science behind the American Drug Culture** *3 credit hours*
This Honors College course will bring a focus to corporate and individual efforts to provide pharmaceuticals to American consumers. The scientific processes for drug development and control will be examined. Guest experts. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in *math/science*. *Open ONLY to Honors College students.*

***Mus 150H The Arts and the Human Experience** *3 credit hours*
This Honors College course is an exploratory study of the arts which includes music, visual art, dance, drama, and media arts encompassing the historical, philosophical, psychological, sociological and spiritual tenets of the disciplines. It will include an analysis of how the arts have impacted the human experience across time. Students will study and use old and new technologies that are used in producing and presenting forms of art. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in *fine arts* or an appreciation course requirement. *Open ONLY to Honors College students.*

***Phl 104H Social and Political Philosophy** *3 credit hours*
This course explores different political philosophies and their application to major social issues. Topics include human rights, racism, gun control, immigration, warfare, women's rights, poverty, and human trafficking. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in *philosophy*. *Open ONLY to Honors College students*

BIO 150H Genetics and Human Society
Discusses human genetics and its relation to social issues.

.***Phl 150H Philosophy of Religion** *3 credit hours*
This Honors College course explores the dialogue between faith and reason. Topics include arguments for God's existence, the problem of evil, miracles, life after death, God's sovereignty and knowledge of the future, religious diversity, and the interaction of religion with ethics and science. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in the *philosophy/theology* area. *Open ONLY to Honors College students.*

***Phs 150H Great Ideas in Science: Essential Physics** *3 credit hours*
This course explores the basic principles of physical science, the applications of these principles to our world, and the relation of science to philosophy, politics, and other aspects of human activity. Focusing on concepts and thinking, mathematics will be deemphasized but not eliminated. The course will also provide experience in logical and quantitative reasoning, laboratory experiments, and in data interpretation and analysis. Useful, interesting, and fun topics discussed may include: science and knowledge, motion and force, gravity, electricity and magnetism, energy, heat and disorder, waves, sound and music,

light, atoms and molecules, earth, stars and galaxies, black holes, the universe and the big bang, nuclear bombs, unpredictability and chaos, relativity, quantum physics and uncertainty, and quantum computation. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in the *math/science* area. *Open ONLY to Honors College students.*

***Eco 205H History of Economic Thought: Money and Banking** *3 credit hours*
A core problem in the development and evolution of economic thought is the nature of the relationship between the individual and society in the process of allocating and using resources. Within this process is an orderly way to exchange goods and services, and money serves this purpose in many ways. The development of economic thought is also intertwined with the development of "scientific" as well as religious, political, and social thought. Two objectives of this Honors College course include: a) to investigate various perspectives that have influenced U.S. economic thought, and b) to critically evaluate major contributions to the theories of value, production, and distribution, as well as how money plays a significant role in all of these functions. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in the *social/behavioral sciences* area. *Open ONLY to Honors College students.*

***Eng 250H Introduction to the Literature of Social Protest** *3 credit hours*
This Honors College course explores imaginative literatures from a variety of historical, cultural, and geographical contexts that confront and challenge specific problems in society. Through in-depth study of multiple genres–including but not limited to fiction, poetry, nonfiction, and drama–this course introduces students to the sociopolitical function of literature. This course fills a general education requirement (GER) for an Intro to Literature in the *language/literature* area. *Open ONLY to Honors College students.*

***His 205H Race, Ethnicity, and Migration** *3 credit hours*
An introduction to the historical role of race, ethnicity, and migration in the U.S. and a transnational history that explores the homelands of immigrants, the causes of emigration, and the transnational migration networks bringing migrants to America. The course also covers immigration, acculturation and assimilation, and the creation and evolution of ethnic conclaves in the U.S. Roughly 60% of the course addresses global history; in addition, obstacles to assimilation in the U.S. and constructed ideas about what it means to be American are covered. This course fills a general education requirement (GER) in the *global history/social and behavioral sciences* area. *Open ONLY to Honors College students.*

***Pls 205H Democracy in America** *3 credit hours*
This course provides an introduction to the government and political system of the United States. It examines contemporary structures and dynamics through a historical and comparative lens. Using Alexis de Tocqueville's 1830s observations from his study of representative democracy in the United States and society's response to this system's problems as a foil, the course discusses the operation of the U.S. political system, including the values and principles of the U.S. federal system of government, elite/populist dynamics, the institutions of government, and actors involved. *Pls 205H serves as an equivalent course to Pls 202. Open ONLY to Honors College students.*

***TH 250H Women and the Bible** *3 credit hours*
Through the lens of biblical women's stories, students will learn and practice basic principles for biblical interpretation and gain a generalized knowledge of biblical history. The variety of Old and New Testament women are studied in terms of their often-surprising roles, significant challenges, and enduring contributions to religious history and spirituality. The course also explores how religious art has understood these women, and it concludes with a look at how these stories shaped later church preaching and

practice. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in *theology. Open ONLY to Honors College students.*

IdC 499H: Honors Seminar *3 credit hours*
This capstone course ties together the structure and activities of the Honors Program. Students complete a major research project and present their findings at an open forum. The course may also be taught within various specific academic disciplines, including social work and theology. *Prerequisites: Junior status and membership in the Honors College.*

***SW 499H: Honors Seminar in Servant Leadership** *3 credit hours*
The pillars of Servant Leadership within the context of a leader's responsibility to think and act in the interest of the common good are examined. A historical, theological, and spiritual reading of "work" allows students to discern the value, purpose, and impact of their career choices. Assignments, readings, collaborative learning, and team projects assist the students to develop the "soft" skills necessary for leadership and the intellectual knowledge to make inform decisions on how to lead with a servant's heart rooted in compassion and *caritas*. This course fills a general education requirement (GER) in *social and behavioral sciences*. *Prerequisites: Junior status; membership in Honors College.*

***TH 499H: Servant Leadership and the Spirituality of Work** *3 credit hours*
The pillars of Servant Leadership within the context of a leader's responsibility to think and act in the interest of the common good are examined. A historical, theological, and spiritual reading of "work" allows students to discern the value, purpose, and impact of their career choices. Assignments, readings, collaborative learning, and team projects assist the students to develop the "soft" skills necessary for leadership and the intellectual knowledge to make inform decisions on how to lead with a servant's heart rooted in compassion and *caritas*. This course fills a general education requirement (GER) in *theology*. *Prerequisites: Junior status; membership in Honors College.*

HUMAN SERVICES

Human Services is the study and provision of human and social services to individuals and communities. This associate degree prepares students for entry-level positions in a variety of human service agencies. Students will acquire skills needed to work with individuals, groups, and communities and learn to work with people of diverse racial, ethnic, and cultural backgrounds. Major subject requirements are in the fields of sociology, psychology, biology, and social work. Majors should contact the Area Coordinator.

A. A. DEGREE WITH A MAJOR IN HUMAN SERVICES

Required to Graduate: **60 credit hours**

General Education Requirement: **24 credit hours**

GER should include the following:

Bio 100 *OR* Bio 201	Introduction to Biology *OR* Anatomy & Physiology	3

Social and Behavioral Sciences Requirements: **18 credit hours**

Soc 204	Principles of Sociology	3
SW 280	Introduction to Social Work	3
SW 310	Social Issues in Diversity	3
Psy 105	Introduction to Psychology	3
Psy 300	Developmental Psychology	3
One additional course in Economics, History, or Political Science		3

Career Electives: **6 credit hours**

Must be two courses (beyond GER requirements) appropriate to student career aspirations, such as Biology, Business, Education, Modern Language, Philosophy/Theology, Psychology, or Social Work.

Electives: To total 60 credit hours

Computer Competency is met though CS 105, IDC 205, or a computer science GER equivalent.

INTEGRATED STUDIES

The purpose of the integrated studies major is to offer students the freedom and responsibility to develop individualized programs. This major provides a broad educational experience that is more flexible than traditional programs, and it provides an opportunity for students to concentrate on a combination of areas that Brescia University may not offer as individual majors. Upon completion of Integrated Studies requirements, the B.A. or B.S. degree is conferred according to the University standards for those degrees. Advising for the Integrated Studies degree is done in consultation with appropriate area advisors.

Because of its interdisciplinary nature, the Integrated Studies major cannot be awarded simultaneously with a major or minor in a separate academic area.

B. A. or B. S. DEGREE WITH A MAJOR IN INTEGRATED STUDIES

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Areas of Concentration: **48 credit hours**

- Forty-five (45) hours of the required 48 must be 200–400 level courses;
- only one 100-level course may count toward the major.
- A minimum of thirty (30) credit hours must be at the 300–400 level.
- Courses may be distributed over two or three selected areas of concentrated study.
- At least fifteen (15) credit hours must be taken in each area of concentration, and no
- more than thirty (30) credit hours may be taken in any one discipline.
- When at least 32 of the required 48 hours for the major have been completed, students must register for the 3-credit-hour online Senior Capstone course, in which they review writing skills and submit a paper demonstrating appropriate coursework integration and reflection on possible career options. This course in included in the 48-hour requirement for the major and may be counted as three credits toward fulfilling any one of the chosen areas of concentration.

Electives: To total 120 credit hours

Computer Competency is met though CS 105, IDC 205, or a computer science GER equivalent.

B. A. or B. S. DEGREE WITH A MAJOR IN INTEGRATED STUDIES

(KCTCS partnership—A.A.S. graduates only)

For A.A.S. graduates of KCTCS, a transfer agreement is in place that will enable students to complete a four-year baccalaureate (with careful planning starting with freshman year) in Integrated Studies at Brescia University. For these graduates only, the following plan of study may be followed:

Required to Graduate: **120 credit hours**

KCTCS graduates with an AAS degree *may transfer in up to 77 credit hours, including the following:*

AAS degree (ONE of Integrated Studies Areas of Emphasis) *15–24 credits*

OCTC GER courses:

GER Science, Social/Behavioral Science, Eng 101, GER math
GER computer, His 101/102/104/105 *18 credits*
Additional OCTC GER transfer credits possible:
Eng 161, Com 181, Eng 102 *9 credits*
KCTCS Free Electives *up to 18 credits*

General Education Requirement (total): **45 credit hours**

Including BU GER courses: modern language, and social/behavioral science GERs, in addition to 12 hours of upper-division: theology, literature, philosophy, and fine arts 18 BU credit hours

Major Subject Requirements: **48-credit hours**

- No more than 30 hours in any one discipline
- At least 15 hours for each area of concentration
- MAY include up to 24 100- and 200-level courses from KCTCS as ONE of the Areas of Concentration;
  all KCTCS major courses at the 200-level must be counted first before adding 100-level courses

Must have 24 upper-division credit hours in the major (University policy) 24 credit hours

- When at least 32 of the required 48 hours for the major have been completed, students must register for the 3-credit-hour online Senior Capstone course, in which they review writing skills and submit a paper demonstrating appropriate coursework integration and reflection on possible career options. This course is included in the 48-hour requirement for the major and may be counted as three credits toward fulfilling any one of the chosen areas of concentration.

To total 120 credit hours

Computer Competency is met as part of the AAS from KCTCS.

A. A. or A. S. DEGREE WITH A MAJOR IN INTEGRATED STUDIES

Required to Graduate: **60 credit hours**

General Education Requirement: **27/28 credit hours**

Areas of concentration (15 credits in two areas): **30 credit hours**

Electives: To total 60 credit hours

Computer Competency: met through requirement listed for one of the areas of concentration.

Areas of Concentration Requirements:

- No course may be used to fulfill both a GER and a course in an area of concentration.
- Students must meet competency requirements for reading, English, and mathematics.
- Students may transfer up to 33 credits.
- Students must take the last 15 credits at Brescia.
- Thirty (30) of the 60 credits for the Associate degree must be 200-level or higher
- Students may take no more than four upper-division major courses without advisor permission.
- Students need instructor permission to take courses restricted to junior/senior status.
- A student who wishes to take Accounting as a concentration must take Business as the second concentration.

- Students must take the IS Senior Capstone course as part of the 30-hour requirement.

Areas of concentration (15 credits in two areas): **30 credit hours**

Electives: To total 60 credit hours

Computer Competency: met through requirement listed for one of the areas of concentration.

A. A. DEGREE WITH A MAJOR IN INTEGRATED STUDIES: LIBERAL ARTS

Students wanting to study general liberal arts select a concentration in Humanities and Fine Arts or Math, Natural and Social Sciences.

Genral Education Requirements ***24 credit hours***

Eng 101 Writing I
Eng 102 Writing II
Sph 110 Public Speaking
Theology
Fine Arts Appreciation
Math or Science
Social and Behavioral Science Elective
General Education Elective

Area of Concentration Requirements ***15 credit hours***

Students must choose one of the following concentrations.

Concentration: Humanities and Fine Arts
Lower Level Literature
Modern Language
Philosophy
Art, Music, or Theatre
Upper Division Humanities or Fine Arts

Concentration: Math, Natural, and Social Sciences
Biology, Chemistry, or Physics
Math or Computer Science
History, Political Science, or Economics
Psychology, Sociology, or Social Work
Upper Division Math, Natural, or Social Science

Major Requirements ***3 credit hours***

IS 499 Integrated Studies Capstone

Other ***Electives to total 60 credit hours.***

Including math and computer competency.
Thirty (30) of the sixty (60) credit hours must be 200-level or higher.

INTEGRATED STUDIES COURSE DESCRIPTION

IS 499 Integrated Studies Senior Capstone *3 credit hours*
This course serves a two-fold purpose. First and most importantly, it is designed to assist students in integrating their areas of concentration within the Integrated Studies major with a view to possible career options for the degree. Second, of lesser importance but still a benefit as students prepare for graduation and the work world, it is a refresher course for senior students with a focus on grammar, mechanics, and citing. Within this review of writing, students will integrate the work done in their separate academic disciplines and produce both a creative career project and a paper researching application of that study to their personal and/or possible career goals. *Prerequisites: A minimum of 32 of the required 48 hours for the major must be completed; student must be more than half way (2/3 recommended) through all content areas for the major.*

INTERDISCIPLINARY STUDIES COURSES

Interdisciplinary courses at Brescia are designed to offer faculty and students the opportunity for study in areas that either do not have a natural academic "home" or that involve more than one academic discipline.

INTERDISCIPLINARY COURSE DESCRIPTIONS

*****GER Approved Course

IdC 009 Reading across the Curriculum *3 credit hours*
Students improve reading comprehension by reading, analyzing, and responding to material from a variety of college disciplines (sociology, psychology, history, business, science, literature). The course teaches how to identify main ideas and supporting information, how to chart, diagram, and map significant ideas, and how to prepare information for exam review. As the course progresses, students should experience improvement in reading comprehension, reading speed, vocabulary, and study skills.

***IdC 100 Introduction to Information Resources** *1 credit hour*
The online information literacy skills course is designed to acquaint students with the organization of the Fr. Leonard Alvey Library; to provide instruction in the efficient use of the online catalog, reference sources, electronic databases; and to offer techniques in developing search strategies for research topics. *Taking Eng 102 concurrently is strongly recommended.*

***IDC 205 Advanced Library Resources** *3 credit hours*
The IDC 205 library literacy skills course is designed to educate students on computer and research skills using the resources provided by the Fr. Leonard Alvey Library along with software technology provided to all Brescia students. Students will comprehend how to navigate through multiple databases, use the catalog, connect with classmates and the instructor through a shared communications platform, engage in both qualitative and quantitative data analysis, and evaluate sources on an advanced level.

IdC 210 Basic Sign Language *3 credit hours*
An introduction to the use of sign language and finger spelling (signed English), not ASL, when communicating with the hearing impaired or deaf community. This course may not be used as a GER for modern languages.

IdC 300 Life and Career Planning *1 credit hour*

The purpose of this one-credit hour course is to provide career, educational, and employments information. It both reinforces/deepens "soft skills" such as communication, time-management, responsibility, and positive attitude *and* practical skills such as resumé-writing, interviewing, and job search strategies. Students will be encouraged to integrate greater self-knowledge, their chosen academic major, and their potential career plans, all with a view to making a more informed and satisfying career choice upon graduation. Opportunities for mentoring and internships may develop within the course, depending on student interest.

***IdC 310 Critical Race Theory and Caritas** *3 credit hours*

This course pursues a cross disciplinary analysis at the intersection of race-ethnicity, caritas theology, and student development theory. Course topics will focus on critical race theory as social theory, caritas theology as an expression of Catholic social teaching on race, and student development as the educational framework. *Prerequisite: Eng 102 and Junior status.*

***IdC 389 Aesthetics and Ethics** *3 credit hours*

This course treats the relationship between aesthetics and ethics using a seminar format that helps the student to explore the perennial questions that arise from a consideration of the relationship between art and ethics. Such questions include: What is art? Can art be immoral? and How does art contribute to human progress? *Prerequisite: Junior status.*

IdC 399 Independent Study *1–3 credit hours*

This course designates a field of study that is not parts of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisites: Junior status and submission and approval of "Application for Admission to Independent Study*

IDC 495 Internship *1–4 credit hours*

This internship permits students to apply their knowledge and skills in a supervised off-campus setting that is not within their major field of study or academic discipline. Following University policy, a student must complete forty (40) hours of field work per credit hour

IDC 499H: Honors Seminar *3 credit hours*

This capstone course ties together the structure and activities of the Honors Program. Students complete a major research project and present their findings at an open forum. The course may also be taught within various specific academic disciplines, including social work and theology. *Prerequisites: Junior status and membership in the Honors College, and IDC 300*

MATHEMATICS

The mathematics curriculum at Brescia University combines concern for maximizing the learning of each individual and an interdisciplinary approach into a program that balances traditional mathematical theory, creative problem solving processes, and development of applied models to solve real problems. It prepares students for meaningful careers in both industry and teaching or for graduate study. The Bachelor of Science in Mathematics is offered, as well as a minor in mathematics.

The Mathematics faculty also teach key courses within the multidisciplinary Financial Mathematics Bachelor of Science degree.

B. S. DEGREE WITH A MAJOR IN MATHEMATICS

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements:		**24 credit hours**
Mth 211	Calculus I	4
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 308	Linear Algebra	3
Mth 310	Geometry	3
Mth 313	Probability and Statistics ***OR***	3
BAd 318	Business Statistics	3
Mth 497	Senior Seminar I	1
Mth 498	Senior Seminar II	1
Mth 499	Senior Project	1

Major Subject Electives: **15 credit hours**

Choose five (5) courses from the two lists below, with the following restrictions:
Select at least one (1) of the following courses:

Mth 303	Discrete Foundations of Mathematics	3
Mth 320	Graph Theory	3
Mth 400	Modern Algebra	3
Mth 405	Advanced Calculus	3
CS 330	Theory of Computation	3

Select at least two (2) of the following, with not more than two (2) courses from outside the mathematics area:

BAd 418	Quantitative Methods for Business	3
Chm 350	Physical Chemistry	3
CS 351	Computer Modeling	3
Eco 418	Mathematical Methods in Economics	3
Mth 305	Differential Equations	3
Mth 340	Numerical Analysis	3
Mth 350	Math History	3
Mth 415	Operations Research	3
PhS 300	Modern Physics	3
PhS 303	Analytical Mechanics	3
PhS 305	Theory of Electricity and Magnetism	3
PhS 350	Thermodynamics	3

Related Subject Requirements:		**6 credit hours**
CS 110	Programming I	3

Select three (3) credit hours from the following courses:

CS 105	Office Applications	3
CS 107	Electronic Spreadsheets	1
CS 108	Internet Technology	1
CS 109		1
CS 111	Programming II	3
CS 340		3
Edu 246	Technology Application and Integration in Education	3

Electives: To total 120 credit hours

Computer Competency is met through CS 110.

ACTUARIAL SCIENCE: Students wishing to be actuaries should select Mth 340 and Mth 415. Additional information is available from the Mathematics Department.

ACADEMIC MINOR IN MATHEMATICS

Minor Subject Requirements: **27 credit hours**

The mathematics minor consists of the same core courses as the mathematics major (21 credit hours), excluding senior seminars and senior project. In addition, one mathematics course from the major subject electives list must be taken (3 credit hours), as well as CS 110 (3 credit hours).

B. S. DEGREE IN MATHEMATICS with SECONDARY TEACHER CERTIFICATION

Students who wish to obtain Secondary Teacher Certification along with a Mathematics major should consult that section of the "Teacher Education" programs later in this CATALOG

MIDDLE SCHOOL TEACHING AREA IN MATHEMATICS

Mathematics Requirements: **13 credit hours**

Mth 204	Fundamentals of Math for Elementary Teachers II	3
Mth 211	Calculus I	4
Mth 310	Geometry	3
Mth 250	Statistics for Social Science ***OR***	3
Mth 313	Probability and Statistics	3

Related Subject Requirements: **12–14 credit hours**

Select four (4) of the following:

CS 110	Programming I	3
CS 350	Computer Problem Solving	3
CS 370	Networking	3
Mth 111*	College Algebra and Trigonometry I	3
Mth 112*	College Algebra and Trigonometry II	3
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 303	Discrete Foundations of Mathematics	3
Mth 308	Linear Algebra	3
Mth 350	History of Mathematics	3

*Students may not select Mth 111 and Mth 112 after completing Mth 211.

MATHEMATICS COURSE DESCRIPTIONS

*GER Approved Course

Mth 009 Basic Math I *3 credit hours*

In this course, a student 1) develops a fundamental competency in computations using whole numbers, fractions, decimals, and percentages; 2) is introduced to real numbers and algebraic expressions; 3) solves one variable linear equations and inequalities; 4) graphs linear equations in two variables including slope and intercept form; and 5) solves problems involving the graphing of inequalities in two variables. Does not apply toward degree requirements. A grade of "C" or better is required to enroll in Mth 010. Tutorial sessions required. *Prerequisite: ACT math score of 16 or below.*

Mth 009L Basic Math I Lab *1 credit hour*

Generally taken with Mth 009—Basic Math I. *Prerequisite: ACT math score of 16 or below.*

Mth 010 Basic Math II *3 credit hours*

In this course, the student 1) learns to solve systems of equations and inequalities; 2) finds perimeters, areas, surface areas, and volumes of geometric figures; 3) manipulates polynomials including factoring and solving equations; 4) simplifies and solves rational expressions and equations; and 5) simplifies and solves quadratic expressions and equations. A grade of "C" or better is required to enroll in a college algebra or equivalent course. Tutorial sessions may be required. *Prerequisite: Mth 009 or ACT math score of 17 or 18.*

Mth 010L Basic Math II Lab *1 credit hour*

Generally taken with Mth 010—Basic Math II. *Prerequisite: Mth 009 or ACT math score of 17 or 18.*

***Mth 101 Mathematics for Liberal Arts** *3 credit hours*

A brief survey of mathematical topics that have shaped and continue to shape our lives. The course emphasizes individual development in three areas: proficiency in basic skills and calculations, interpretation and appreciation of mathematical applications, and enhancement of quantitative reasoning and problem solving abilities. *Prerequisite: Math ACT 19 or above, or at least a C in Mth 006.*

***Mth 102 Mathematics and Truth** *3 credit hours*

Mathematics offers many insights into truth — from mathematical methodology to mathematical application. This course examines the interplay of mathematics and truth from a variety of perspectives: historical, scientific, and philosophical. *Prerequisite: Math ACT 19 or above, or at least a C in Mth 006.*

***Mth 103 Discrete Mathematics** *3 credit hours*

This course provides an introduction to discrete mathematics, including discussion of sets, integers, properties of integers, graphs, trees, discrete probability, Boolean algebra, and logical structures. *Prerequisite: Math ACT 19 or above, or at least a C in Mth 006.*

***Mth 111 College Algebra and Trigonometry I** *3 credit hours*

College algebra from the perspective of functions: linear, quadratic, polynomial, rational, exponential, and logarithmic expressions and equations. This course is the intended preparatory course for more advanced study in mathematics — particularly calculus. *Prerequisite: Math ACT 19 or above, or C or better in Mth 006.*

***Mth 112 College Algebra and Trigonometry II** *3 credit hours*

This course focuses primarily on topics from trigonometry: angles, the trigonometric functions, properties and graphs of trigonometric functions, trigonometric identities, and applications of trigonometry. It

is the intended preparatory course for more advanced study in mathematics — particularly calculus. *Prerequisite: Mth 111 or permission of instructor.*

***Mth 113 Survey of Calculus** *3 credit hours*
The course introduces students to differential and integral calculus. *Prerequisite: Mth 111 or equivalent or permission of instructor.*

Mth 203 Fundamentals of Mathematics for Elementary Teachers I *3 credit hours*
Designed for Elementary Education majors, this course explores the development of the basic structures and relationships of mathematics as they are relevant to the elementary school curriculum. *Prerequisite: Math ACT 19 or above, or at least a C in Mth 006*

***Mth 204 Fundamentals of Mathematics for Elementary Teachers II** *3 credit hours*
This course — designed for Education majors — carefully reviews basic algebra and geometry and prepares the student to graph various types of functions and relations. It requires the student to learn many problem-solving techniques. A required writing assignment helps the student to learn how to synthesize ideas and concepts and present them in an organized manner. *Prerequisite: Mth 203, at least a C in Mth 006, ACT 19, or permission of instructor.*

***Mth 211 Calculus I** *4 credit hours*
In-depth coverage of calculus appropriate for study in mathematics, science, engineering, or other quantitative disciplines. Covers functions, limits, derivatives, applications of derivatives, and foundations of integral calculus. *Prerequisites: Background equivalent to one year of college algebra and trigonometry. An ACT math score of at least 24 is recommended for students not taking the Mth 111–112 sequence prior to Mth 211.*

***Mth 212 Calculus II** *4 credit hours*
In-depth coverage of calculus appropriate for study in mathematics, science, engineering, or other quantitative disciplines. Covers integration techniques, applications of integration, sequences and series, and polar coordinates. *Prerequisite: Mth 211.*

Mth 213 Calculus III *4 credit hours*
In-depth coverage of calculus appropriate for study in mathematics, science, engineering, or other quantitative disciplines. Covers 3-dimensional geometry and extends ideas of calculus into higher dimensional settings. *Prerequisite: Mth 212.*

Mth 250 Statistics for Social Sciences *3 credit hours*
An introduction to statistical concepts and communications used in social science research at both the descriptive and inferential level in preparation for Psy 405, Psy 410; and Pls 405. *Prerequisite: Mth 101, 102, 103, or 111.*

Mth 303 Discrete Foundations of Mathematics *3 credit hours*
Examines set theory, logic, number theory, and combinatorics. The emphasis will be on aspects of these topics from discrete mathematics that provide a foundation or framework for mathematical theory. The course is at a level to serve as an introduction to mathematical proof. *Prerequisites*: one mathematics course beyond Mth 211 (calculus I)

Mth 305 Differential Equations *3 credit hours*
A study of the techniques, history, and applications of ordinary and partial differential equations. Topics included are linear equations, infinite series solutions, systems of linear equations, numerical techniques, and partial differential equations. *Prerequisite: Mth 213.*

Mth 308 Linear Algebra *3 credit hours*
Geometric vectors, vector spaces, inner products, linear transformations, matrices with applications to solutions of systems of equations, linear transformations, and determinates. *Prerequisite: Mth 211.*

***Mth 310 Geometry** *3 credit hours*
A study of congruence, parallelism, polygonal regions, inequalities, similarity, construction, projections, loci, and area and volume functions in Euclidean geometry and non-Euclidean geometries.

Mth 313 Probability and Statistics *3 credit hours*
Probability axioms, discrete and continuous distributions, expectation, multivariate distributions, estimation, hypothesis testing, regression analysis, and analysis of variance. *Prerequisite: Mth 213.*

Mth 320 Graph Theory *3 credit hours*
A study of graphs, digraphs, connectivity, trees, and maps with applications to advanced chemistry, biology, computer science, and operations research. *Prerequisite: Mth 212.*

Mth 340 Numerical Analysis *3 credit hours*
Numerical representation, solution of single non-linear equations, linear equations, interpolation and approximations of numerical methods of integration. *Prerequisite: Mth 213*.

Mth 350 History of Mathematics *3 credit hours*
The course objectives include the following four points: 1) developing a fundamental understanding of the evolution of mathematical thought during the last three thousand years; 2) learning the names, mathematical accomplishments, and thought processes of the great mathematicians of history; 3) developing proficiency in reading the works of the great mathematicians; 4) developing the ability to present modules of information about mathematics effectively to the class. *Prerequisite: Mth 211.*

Mth 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Mth 400 Modern Algebra *3 credit hours*
An exposition of the structure of algebra through an examination of these structures: groups, rings, fields, and integral domains. Applications to theoretical computer science, biology, and chemistry. *Prerequisite: Mth 213.*

Mth 405 Advanced Calculus *3 credit hours*
Theoretical development of the foundations of calculus through the study of set theory, real numbers, metric spaces, Euclidean spaces, continuity, differentiation, integration, infinite series, and series of functions. *Prerequisite: Mth 213.*

Mth 415 Operations Research *3 credit hours*
Applications of the scientific method to the optimal management of human-nature-machine systems. Topics included are linear programming, sensitivity analysis, networks, inventory models, queues, integer, and nonlinear programming. *Prerequisite: Knowledge of calculus and probability.*

Mth 497 Senior Seminar I *1 credit hour*

Preparation of students for part I of the required Senior Exit Examination by summarizing and reviewing subjects in the Math/CS core program. It also provides a forum for discussion of senior project expectations and progress.

Mth 498 Senior Seminar II *1 credit hour*
Preparation of students for part II of the required Senior Exit Examination by summarizing and reviewing advanced Math/CS topics. It also provides a forum for discussion of senior project expectations and progress.

Mth 499 Senior Project *1 credit hour*
Required senior project in mathematics and/or computer science is to contain original contributions toward solving a substantive problem in the discipline and will be directed by a faculty mentor

MEDICAL LABORATORY SCIENCE

The Bachelor of Science degree is earned with a major in medical laboratory science. Students in this program register with the biology area and pursue three years of coursework in biology and chemistry. The final year is a 12-month internship in the lab of an approved hospital, earning a maximum of 36 credit hours during the internship (Bio 496). Brescia University is affiliated with the Owensboro Health Regional Hospital as a possible site for the medical laboratory science internship requirements. The program description for the med major is listed under *Biology*.

MODERN LANGUAGES [See French and Spanish]

Brescia University offers students an opportunity to study a modern language, offering a major and minor in Spanish and introductory level courses in French. See the alphabetical listing of individual programs for further information.

MUSIC

The Music Area encourages students in all disciplines to choose music electives for cultural enrichment.

ACADEMIC MINOR IN MUSIC

General Education Requirement

FINE ARTS GER can NOT be Mus 100 – Music Appreciation	**3 credit hours**

Music Requirements: **20 credit hours**

Mus 100	Music Appreciation	3
Mus 112	Music Theory I	3
Mus 211	Music Theory II	3
Mus 120	Applied Music	1
Mus 220	Applied Music	1
Mus 320	Applied Music	1
Mus 420	Applied Music	1
Mus 170/190	*Ensembles (four [4] semesters for one credit each)*	4
Mus 355	The Professional Musician	3

Music Electives: **6 credit hours**

Choose any two (2) of the following, one must be upper division:

Mus 204	Music for Classroom Teachers	3
Mus 241	Music for Catholic Liturgies	3
Mus 300	Americana Music Triangle	3

Mus 305 World Music 3

Students must attain piano proficiency in addition to their main instrument/voice. Students may take 4 semesters of piano or 3 semester of instrument/voice and 1 of piano.

All students will gain basic proficiency on piano.

Students pursuing a music minor will learn and use a recognized music notation program such as Sibelius, Finale, MuseScore, or other approved program.

MUSIC COURSE DESCRIPTIONS

*GER Approved Course

***Mus 100 Music Appreciation** *3 credit hours*
A study of music, its literature, its composers; an approach toward intelligent listening.

***Mus 110 Fundamentals of Music** *3 credit hours*
An introduction to basic musical concepts. Designed for the general student.

Mus 112 Music Theory I *3 credit hours*
An introduction to the basic materials of music: notation, rhythm, scales, key signatures, intervals, transposition, triads, harmonic progression and analysis, melody writing, ear training, and sight-singing. Designed for the music minor and will be taken concurrently with Mus 110, but with advanced student work.

***MUS 150H The Arts and the Human Experience** *3 credit hours*
This Honors College course is an exploratory study of the arts which includes music, visual art, dance, drama, and media arts encompassing the historical, philosophical, psychological, sociological and spiritual tenets of the disciplines. It will include an analysis of how the arts have impacted the human experience across time. Students will study and use old and new technologies that are used in producing and presenting forms of art. An overnight field trip will supplement lecture and discussion. This course fills a general education requirement (GER) in *fine arts or an appreciation course requirement Open ONLY to Honors College students.*

Mus 120/ Mus 220/ Mus 320/ Mus 420 Applied Music—Guitar/Strings *1 credit hour*
Thirty-minute weekly private lessons in guitar or string instrument. *Prerequisite: Instructor permission.*

Mus 130–137 / Mus 230–237Applied Music—Piano/Organ *1 credit hour*
Thirty-minute weekly private lessons in keyboard. *Prerequisite: Instructor.*

Music 140–147 / Mus 240–247Applied Music—Voice *1 credit hour*
Thirty minute weekly private lessons in singing/voice. *Prerequisite: Instructor permission.*

Music 150–157 / Mus 250–257Applied Music—Winds *1 credit hour*
Thirty minute weekly private lessons in woodwind or brass instrument. *Prerequisite: Instructor permission.*

Music 160–167 / Mus 260–267Applied Music—Percussion *1 credit hour*
Thirty minute weekly private lessons in percussion instrument(s). *Prerequisite: Instructor permission.*

Mus 170-177– Choral Ensemble *1 hour*
The choral ensemble is dedicated to the study and performance of a variety of choral literature. Proper vocal production and musicianship is emphasized. The choir serves the University by singing for various functions including student liturgies. Membership is open to all students.

Mus 180–187– Handbell Choir *1 hour*
Handbell Choir provides an instrumental performance opportunity for the student who may have had no previous ensemble experience. The Handbell Choir performs at functions on and off campus during the academic year. Performance course may be repeated up to eight (8) semesters with sequential numbering.

Mus 190-197– University Band *1 hour*
University Band provides an outlet for students who wish to continue performance on wind and percussion instruments; rhythm section instruments and strings are also encouraged. The band performs in the Christmas and Spring Concerts as well as other selected campus events as student schedules allow. Membership is open to all students.

Mus 201 History of Music I *3 credit hours*
An historical survey of music from ancient times to the present, covering genres, composers, and specific works. Designed for music minors and taken concurrently with Mus 100, with advanced student work.

Mus 204 Music for Classroom Teachers *3 credit hours*
This course helps prepare the classroom teacher to meet the needs of the music program in the elementary school. *Prerequisite: Mus 110 is highly recommended*.

Mus 211 Music Theory II *3 credit hours*
Continuation of Music Theory I with more advanced work in the study of the common practice harmony of the 17th and 18th centuries, four-part writing, cadences, non-harmonic times, harmonic progressions, and seventh chords. *Prerequisite: Mus 111.*

***Mus 300 Americana Music Triangle** *3 credit hours*
The Americana Music Triangle is a region of the U.S. bounded by Memphis, Tenn.; Nashville, Tenn.; and New Orleans, La. Within this triangle lies a wide range of American music styles, including rock, jazz, and gospel. This course surveys those styles, along with Kentucky Bluegrass, recognized by the Triangle leadership as a valid offshoot. Students will study and listen to these styles, hearing live performances whenever possible. Other American music of different regions will also be included.

Mus 301 History of Music II *3 credit hours*
Continuation of History of Music I, focusing on the study of specific forms, instruments, composers, genres, and styles. *Prerequisite: Mus 201.*

***Mus 305 World Music** *3 credit hours*
A study of folk music of many lands and cultures, including primarily China, the Middle East, India, Africa, Java, Japan, Polynesia, the Caribbean, Russia, the Americas (including Bluegrass), and touching on other musical traditions in our one big global village. Common themes to be compared and contrasted in the above musical demography are communication, recreation, religious rites, expression, symbolic structures, ethnic identity, and many other uses of folk music in society. *Prerequisite**:** Mus 100 or 204.*

Mus 308 History of Church Music *3 credit hours*
A historical study of Christian worship practices, including music styles, forms, literature, and composers from ancient times to the present. *Prerequisites: Mus 201*

Mus 311 Music Theory III *3 credit hours*
Continuation of Music Theory II with more advanced work in the study of chromatic harmony, modulation, and non-tonal harmonic progressions in the Baroque, Classical, and the Romantic periods. Continued ear training and sight singing work. *Prerequisite: Mus 211.*

Mus 315 Comprehensive Arts in Education for the Classroom *3 credit hours*
Appropriate concepts, methods, and materials for weaving the arts (dance, drama, music, visual art) through the elementary school curriculum. *Prerequisites: Completed/Concurrently enrolled in EDU 204*

Mus 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

PASTORAL STUDIES *[see **THEOLOGY with Emphasis in PASTORAL STUDIES**]*

PHILOSOPHY

The philosophy program is offered on an elective basis, its courses being coordinated with the various other disciplines within the University curriculum. The purpose of courses in philosophy is to teach students the perennial problems of philosophy and the different answers proposed to them, as well as to provide opportunities for students to explore the dialogue between faith and reason. The courses are designed to meet the three-hour credit in the General Education Requirements and an academic minor in philosophy.

ACADEMIC MINOR IN PHILOSOPHY

Philosophy Requirements: **12 credit hours**

Phl 110	Applied Logic	3
Phl 300	History of Philosophy I	3
Phl 301	History of Philosophy II	3
Phl 325	Metaphysics	3

Philosophy Electives: **6 credit hours**

Choose two (2) of the following:

Phl 104H	Social and Political Philosophy	3
Phl 150H	Philosophy of Religion	3
Phl 231	Ethics and Morality	3
Phl 346	Business Ethics	3
Phl 347	Ethics of Health Care	3
Phl 360	Philosophy of Law	3
IdC 389	Aesthetics and Ethics	3
Phl 399	Independent Study	3

PHILOSOPHY COURSE DESCRIPTIONS

*GER Approved Course

***Phl 103 Introduction to Philosophy** *3 credit hours*
To philosophize is to wonder about life — about right and wrong, love and loneliness, war and death, freedom, truth, beauty, and time. From a multicultural perspective, this course introduces the student to these and other perennial problems of philosophy, including arguments for God's existence and human free will.

***PHL 104H Social and Political Philosophy** *3 credit hours*
This Honors College course explores different political philosophies and their application to major social issues. Topics include human rights, gun control, racism, immigration, warfare, women's rights, poverty, and human trafficking. *Prerequisite: Membership in Honors College.*

***Phl 110 Applied Logic: Critical Thinking** *3 credit hours*
A skills course designed to teach a student how to argue, think clearly, improve communication skills, avoid fallacies, classify things, connect events, formulate and test hypotheses, and make reasonable decisions.

***PHL 150H Philosophy of Religion** *3 credit hours*
This Honors College course explores the dialogue between faith and reason. Topics include arguments for God's existence, the problem of evil, miracles, life after death, God's sovereignty and knowledge of the future, religious diversity, and the interaction of religion with ethics and science. *Prerequisite: Membership in Honors College.*

***Phl 231 Ethics and Morality** *3 credit hours*
This is an introductory course to the field of ethics and its significance for daily life. Major ethical theories — as well as issues in applied ethics — are explored, with a special emphasis on the Catholic moral tradition.

***Phl 300 History of Philosophy** I *3 credit hours*
This course covers Greco-Roman and Medieval philosophy and introduces the student to major philosophers from the Pre-Socratics through Descartes. Readings in primary sources. *Prerequisite: His 101 or 102 recommended.*

***Phl 301 History of Philosophy II** *3 credit hours*
This course covers Modern and Contemporary philosophy, introducing the student to major philosophers from Descartes to Heidegger. Readings in primary sources. *Prerequisite: His 101 or 102 recommended.*

***Phl 325 Metaphysics** *3 credit hours*
This course explores major metaphysical topics such as the origin of the universe, the existence of a human soul in addition to a physical body, and theories of human free will. The student will also consider the dialogue between faith and reason by thinking about the implications of these topics for issues such as the possibility of life after death.

***Phl 346 Business Ethics** *3 credit hours*
This course covers what constitutes good and bad human conduct, including related actions and values, in a business context. A procedure for moral decision making that synthesizes major ethical theories is presented. *Prerequisite: Junior status or permission of instructor.*

***Phl 347 Ethics of Health Care** *3 credit hours*
This course examines ethical issues that arise in a medical context. Using the natural law tradition as a foundation, principles of health care ethics are explored by using case studies.

Phl 360 Philosophy of Law *3 credit hours*
This course examines philosophical issues surrounding the law. These include the extent to which laws should restrict the freedom of citizens, the justification of punishment by law, and when, if ever, it may be permissible for citizens to break the law. *Prerequisite: Phl 110 or Phl 231.*

Phl 399 Independent Study *3 credit hours*
This course will be an in-depth study of a major philosopher to be determined by instructor and student. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

PHYSICAL EDUCATION

Courses in physical education and health are service courses offered to support the holistic development of Brescia students, training the body as well as the mind and spirit.

PHYSICAL EDUCATION COURSE DESCRIPTIONS

PEd 114 Beginning Tennis *1 credit hour*
A course designed to acquaint students with the fundamentals of tennis, emphasizing proper hitting techniques. Rules and court etiquette are explained, with as much on-court playing and practice as possible.

PEd 123 Weightlifting *1 credit hour*
An activity-oriented course designed to teach the fundamental motor skills of weightlifting.

PEd 124 Hatha Yoga *1 credit hour*
Semester-long course introduces yoga, a system of physical, spiritual, and mental development. The course may not be repeated for credit.

PEd 125 Physical Fitness for Men and Women (Aerobics) *1 credit hour*
This is an activity-oriented course designed to teach individualized cardiovascular fitness through participation in choreographed dance routines.

PEd 126 Health Issues: Alcohol and Other Drugs *1 credit hour*
Students will discover the risks associated with lifestyle-related health problems (e.g., heart disease and obesity) and how the 'lifestyle risk-reduction model' can alleviate short- and long-term problems associated with the use of alcohol and other drugs.

PEd 150 Karate *2 credit hours*
This course teaches the student the basic movements and terminology of Shotokan Karate. Upon completion of the course, the student will be able to complete the requirements to earn a Yellow Belt. Instruction of the basic techniques will also be related to self-defense and personal health

PHYSICS AND APPLIED SCIENCE

The objective of the physics program is to provide the related-science major and the non-science major an introduction to physical science. A minor in physics allows interested students to move beyond the principles of general physics to explore other dimensions of modern physics such as electricity and/or magnetism, analytical mechanics, and thermodynamics.

ACADEMIC MINOR IN PHYSICS

Physics Requirements:		**21 credit hours**
PhS 201	General Physics ***I and***	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics ***II and***	3
PhS 202L	General Physics II Lab	1
PhS 300	Modern Physics	3

Upper-Division Electives: **(10 credit hours)**

Related Subject Requirements:		**8 credit hours**
Mth 211	Calculus I	4
Mth 212	Calculus II	4

PHYSICS COURSE DESCRIPTIONS

*****GER Approved Course

***PhS 100 Introduction to Physics** *3 credit hours*
A survey of basic physics and properties of matter. This is a Laboratory course.

***PhS 104 Elements of Astronomy** *3 credit hours*
An introduction to astronomy, aspects of the sky, earth's motion and time-keeping, the moon, eclipses, and the physical features of planets

***PhS 105 Introduction to Geology** *3 credit hours*
Introductory course in geology. Earth materials, minerals and rocks, geologic processes, and basic land-forms of the earth. Laboratory includes identification of minerals and rocks and use of geologic maps. This is a Laboratory course.

***PhS 110 Integrated Physical Science** *3 credit hours*
This course introduces students to core foundation concepts in physical science, including space science, earth systems, force and motion, and energy (light energy, heat energy, sound energy, electrical energy and magnetism). Practical hands-on activities will be strongly emphasized.

***PHS 150H Great Ideas in Science: Essential Physics** *3 credit hours*
This course contains essential elements of classical mechanics, electricity and magnetism, quantum mechanics, and special relativity that are necessary for students to understand core science and technology issues to become educated leaders of modern society. Includes some lab experiments. *Prerequisite: Membership in Honors College.*

PhS 201 General Physics I *3 credit hours*
A general course covering mechanics and heat. *Prerequisite: Mth 211.*

PhS 201L General Physics I Lab *1 credit hour*
Generally taken with PhS 201.

PhS 202 General Physics II *3 credit hours*

A continuation of PhS 201 covering electricity, magnetism, light, sound, and selected topics from atomic physics. *Prerequisite: Phs 201.*

PhS 202L General Physics II Lab *1 credit hour*
Generally taken with PhS 202. *Prerequisite: Phs 201L.*

PhS 300 Modern Physics *3 credit hours*
Course covers relativity of time, relativity of length, photoelectric effect, line spectra, atomic spectra, lasers, x-ray production, and radioactivity. *Prerequisites: PhS 201 and 202.*

PhS 301 Electric Circuits and Electronics *3 credit hours*
Course covers circuit analysis, active devices, diodes, transistors, rectifiers, power supplies, amplifier circuits. *Prerequisites: PhS 201 and 202.*

PhS 301L Electric Circuits and Electronics Lab *1 credit hour*
Generally taken with PhS 301.

PhS 303 Analytical Mechanics *3 credit hours*
An intermediate course in mechanics stressing problem solving covering kinematics in one, two, or three dimensions, and the motion of coordinate systems. *Prerequisites: PhS 201 and Mth 212.*

PhS 305 Theory of Electricity and Magnetism *3 credit hours*
A lecture and problem-solving course covering current theory, field concepts, electrostatics, boundary value problems, Ampere's Law, Faraday's Law, and the electromagnetic equations. *Prerequisites: PhS 202 and Mth 213.*

PhS 350 Thermodynamics *3 credit hours*
Elementary principles of thermodynamics: modern theories of atomic and molecular structure; kinetics, and various equilibria of chemical importance. *Prerequisites: Four semesters of chemistry; mathematics through calculus; PhS 201 and 202.*

PhS 350L Thermodynamics Lab *1 credit hour*
Generally taken with PhS 350.

PhS 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

POLITICAL SCIENCE

Political science studies the relationships between governments and individuals, group behaviors related to domestic and international conflict and cooperation; processes and parties involved in domestic policymaking; and issues and actors involved in the international environment. Political science also helps us understand what our rights and responsibilities are as citizens of our localities, states, countries, and the world. The Bachelor of Arts in Political Science degree presents students with an opportunity to gain a comprehensive understanding of the dominant fields within the political science discipline. The degree prepares students for a wide spectrum of jobs in local, state, and federal governments; domestic and international nonprofit organizations; law, business, and journalism sectors, and educates them to become responsible and knowledgeable citizens. Furthermore, students who choose to continue their education beyond a bachelor's degree will be well equipped for graduate schools focused on professional, research, and teaching programs.

The Associate of Arts degree in Political Science prepares students for a wide spectrum of entry-level jobs in local, state, and federal agencies; nonprofit organizations; and the business sector. Furthermore, students who choose to continue their education beyond an Associate's degree in Political Science will be well equipped for the Bachelor's degree in many fields related to the Social Sciences.

B. A. Degree with a Major in Political Science

Required to Graduate:		**120 credit hours**
General Education Requirement:		**48 credit hours**
GER should include Eco 201 Economic Concepts – Macroeconomics		3
GER will include Pls 303 – Comparative Political Systems		3
Major in Political Science Requirement:		**54 credit hours**
Major Subject Requirements:		**18 credit hours**
Pls 100	Introduction to Political Science	3
Pls 202	United States Government	3
Pls 215	Introduction to International Relations	3
Pls 303*	Comparative Political Systems	3
Pls 405	Research Methods (***OR*** Psy 405)	3
Pls 499	Political Science Seminar	3

Major Subject Electives: **18 credit hours**

Choose six (6) courses from one area of emphasis below, OR for a Major in Political Science without an emphasis, choose three (3) courses from each area of emphasis below.

Emphasis in American Government/Public Administration: **18 credit hours**

Choose six (6) of the following courses, of which at least five (5) or fifteen (15) credit hours must be at 300- or 400-level.

Pls 207	Current Political Issues	3
Pls 250	Politics and Social Issues	3
Pls 302	History of Political Thought	3
Pls 304	United States Foreign Policy	3
Pls 310	Public Administration	3
Pls 311	Ethics in Public Administration	3
Pls 313	Local and State Government	3
Pls 330	Political Elections and Campaigns	3
Pls 399	Independent Study	3

Pls 403	Public Policy	3
Pls 411	American Constitutional Law	3
Pls 495	Internship in Political Science	3

In consultation with Academic Advisor, any two (2) of the following courses may be used for Major Subject Electives (all of the following require Mgt 306–Management Concepts–as a prerequisite, which can be used as a Related Subject Elective):

Mgt 308–Organizational Behavior; Mgt 315–Personnel/Human Resource Management; Mgt 316–Global Management; or Mgt 317–Industrial/ Organizational Psychology.

Any course used for the emphasis cannot be used as a Related Subject Elective.

Emphasis in International Relations: **18 credit hours**

Choose six (6) of the following courses, of which at least five (5) or fifteen (15) credit hours) must be at 300- or 400-level.

Pls 207	Current Political Issues	3
Pls 302	History of Political Thought	3
Pls 304	United States Foreign Policy	3
Pls 399	Independent Study	3
Pls 400	International Relations Theory	3
Pls 495	Internship in Political Science	3

In consultation with Academic Advisor, any three (3) from the following courses may be used for Major Subject Electives: His 312–Diplomatic History of the U.S. since 1914; His 320–Europe since 1914; His 332–The Middle East; His 342–Latin America since Independence; BAd 320–International Business; Mgt 316–Global Management (prerequisite Mgt 306–Management Concepts, which may be used as a Related Subject Elective); Study Abroad courses: SA 300, 325, or 350.

Any course used for the emphasis cannot be used as a Related Subject Elective.

Related Subject Requirement: **3 credit hours**

Mth 250	Statistics for Social Sciences	3

Related Subject Electives: **15 credit hours**

Choose five (5) from the following courses. At least one (1) course (3 credit hours) must be at the 300- or 400-level. If a student has a minor or a second major in addition to the Major in Political Science, the Related Subject Requirements are waived.

No courses counted as Major Subject Electives may be used as a Related Subject Elective.

BAd 301	Business Law	3
BAd 320	International Business	3
BAd 410	Public Regulation for Business	3
Eco 307	Money and Banking	3
Eng 395	World Mythology	3
Eng 413	World Novel	3
Eng 490	Classical Literature	3
Eng 495	Modern World Literature	3
Geo 211/212	World Geography I ***OR*** II	3
HISTORY:	Courses in History are generally acceptable in consultation with Academic Advisor (variable)	
Mgt 306	Management Concepts	3
Mgt 308	Organizational Behavior	3

Mgt 315	Personnel/Human Resource Management	3
Mgt 316	Global Management	3
Mgt 317	Industrial/Organizational Psychology	3
Phl 231	Ethics and Morality	3
Phl 300/301	History of Philosophy I ***OR*** II	3
Phl 360	Philosophy of Law	3
Psy 260	Social Psychology	3
Soc 204	Principles of Sociology	3
SW 310	Social Issues in Diversity	3
Th 219	World Religions	3

Electives: To total 120 credit hours

Computer competency is met through IdC 100, CS 107, CS 108, or CS 109.

A. A. Degree with a Major in Political Science

Required to graduate: **60 credit hours**

General Education Requirement: **27 credit hours**

Major in Political Science Requirement: **54 credit hours**

Major Subject Requirements: **12 credit hours**

Pls 100	Introduction to Political Science	3
Pls 202	United States Government	3
Pls 215	Introduction to International Relations	3
Pls 303*	Comparative Political Systems	3

Major Subject Electives: **9 credit hours**

Choose three (3) of the following courses; two of the three must be upper-division courses.

Pls 207	Current Political Issues	3
Pls 210	Introduction to American Legal System	3
Pls 250	Politics and Social Issues	3
Pls 302	History of Political Thought	3
Pls 304	U.S. Foreign Policy	3
Pls 310	Public Administration	3
Pls 311	Ethics in Public Administration	3
Pls 313	Local and State Government	3
Pls 330	Political Elections and Campaigns	3
Pls 399	Independent Study	3

Related Subject Requirement: **3 credit hours**

Mth 250	Statistics for Social Sciences	3

Related Subject Electives: **6 credit hours**

Choose two (2) from the following courses.
No courses counted as Major Subject Electives may be used as a Related Subject Elective.

BAd 301	Business Law	3
BAd 320	International Business	3
Eco 307	Money and Banking	3
Eng 395	World Mythology	3
Geo 211/212	World Geography I ***OR*** II	3

HISTORY:	200- and 300-level courses in History are generally acceptable in consultation with Academic Advisor (variable)	
Mgt 306	Management Concepts	3
Mgt 308	Organizational Behavior	3
Mgt 315	Personnel/Human Resource Management	3
Mgt 316	Global Management	3
Mgt 317	Industrial/Organizational Psychology	3
Phl 231	Ethics and Morality	3
Phl 300/301	History of Philosophy I ***OR*** II	3
Phl 360	Philosophy of Law	3
Psy 260	Social Psychology	3
Soc 204	Principles of Sociology	3
SW 310	Social Issues in Diversity	3
Th 219	World Religions	3

Electives: To total 60 credit hours

Computer competency is met through IdC 100, CS 107, CS 108, or CS 109.

ACADEMIC MINOR IN POLITICAL SCIENCE **24 credit hours**

Political Science Requirements: **12 credit hours**

Pls 100	Introduction to Political Science	3
Pls 202	United States Government	3
Pls 215	Introduction to International Relations	3
Pls 303*	Comparative Political Systems	3

Political Science Electives: **12 credit hours**
Choose four (4) courses from Political Science course offerings. At least three (3) of the courses should be upper-division (300- or 400-level)

POLITICAL SCIENCE COURSE DESCRIPTIONS

*GER Approved Course

***Pls 100 Introduction to Political Science** *3 credit hours*
Overview of the discipline, including the basic theories, concepts, and approaches of political science; provides students with a foundation of knowledge and analytical skills necessary to understand modern politics in historical context. For the students majoring in PS, this course provides a basis for choosing their direction of study within the discipline.

***Pls 202 United States Government** *3 credit hours*
Introduction to the government and political system of the United States, including a study of the values and principles of the U.S. federal system of government, the role of public opinion, the media, voter participation, political parties and interest groups, the institutions of government, and selected issues of public policy

***Pls 205H Democracy in America** *3 credit hours*
This course provides an introduction to the government and political system of the United States. It examines contemporary structures and dynamics through a historical and comparative lens. Using Alexis de Tocqueville's 1830s observations from his study of representative democracy in the United States

and society's response to this system's problems as a foil, the course discusses the operation of the U.S. political system, including the values and principles of the U.S. federal system of government, elite/populist dynamics, the institutions of government, and actors involved. *Pls 205H serves as an equivalent course to Pls 202. Open ONLY to Honors College students.*

Pls 207 Current Political Issues *3 credit hours*
Study of current political issues, reflecting the trends in the domestic and international environments. The topics discussed include but are not limited to: economic policy, human rights, civil liberties, social policy, foreign policy, international conflict and cooperation, demographics and immigration, and environmental protection.

Pls 210 Introduction to the American Legal System *3 credit hours*
Overview of the U.S. legal system, including the U.S. Constitution, judicial branch, and the courts at all levels of government, and their roles in the U.S. legal system. This course informs students in regards to requirements and expectations of law school and careers in law. *Prerequisites: Eng 102 and Sph 110.*

***Pls 215 Introduction to International Relations** *3 credit hours*
Introduction to international politics, including geographic, demographic, economic, and political factors conditioning the behavior of international actors. Students will study the theoretical framework in which current developments can be analyzed, and familiarize themselves with the most pertinent international issues.

***Pls 250 Politics and Social Issues** *3 credit hours*
Exploration of current domestic and international social problems. Students will examine historical and political development, theoretical approaches, social movements, and legal processes that influenced those issues and their impact on the society. This course aims to show students how individuals shape the quality of social justice.

Pls 302 History of Political Thought *3 credit hours*
Introduction to historical and theoretical developments of political thought from ancient Greeks to the 21st century scholars. Students will analyze the impact and application of political philosophy on the current political systems and ideologies worldwide.

***Pls 303 Comparative Political Systems** *3 credit hours*
Introduces students to the nature of governmental institutions, public policy, and main trends and problems in various types of governments and different regions of the world, providing a framework in which the current international events can be placed and analyzed. The course will begin with a brief look at basic concepts and principles essential to the study of comparative politics, and will then move to discuss the nature of politics in various types of domestic and non-democratic systems, taking into account regional differences. The subsidiary goal of this course is to encourage students to habitually follow the news affecting their topics of interest, as well as the issues and regions discussed in this course. *Prerequisites: Pls 100, Pls 202, or instructor permission.*

Pls 304 United States Foreign Policy *3 credit hours*
Introduction to U.S. foreign policy, including historical and international contexts and decision-making processes. The past, current, and future U.S. foreign policies and the mechanisms through which the U.S. influences international dynamics are explored and evaluated. *Prerequisite: Pls 202 or permission of the instructor.*

Pls 310 Public Administration *3 credit hours*
Survey of concepts and practices related to public administration in the U.S., including the discipline and political context of governmental administration, organization theory, human resources management, intergovernmental relations, budgetary processes, and public service ethics. *Prerequisite: Pls 202 or permission of the instructor.*

Pls 311 Ethics in Public Administration *3 credit hours*
Examination of the relationship between ethical choices and decisions of public administrators. Ethical standards are discussed in light of organizational and public policies. *Prerequisite: Pls 310 or permission of the instructor.*

Pls 313 State and Local Government *3 credit hours*
Introduction of the fundamentals of local and state government systems, including their structures, administration, laws, policies, and decision-making processes. Furthermore, the relationships among various levels of government and between citizens and governments are analyzed. *Prerequisite: Pls 202 or permission of the instructor.*

Pls 330 Political Campaigns, Elections, and Public Opinion *3 credit hours*
Introduction to the nature of the electoral system and political campaigns in the U.S. national, state, and local levels, including campaign strategies, financing and its reform, the psychology of voters, the importance of public opinion, and the role of parties in the processes of campaigns and elections. *Prerequisite: Pls 202 or permission of the instructor.*

Pls 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not a part of the regular curriculum. It is offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Pls 400 International Relations *3 credit hours*
Exploration and application of theories relevant to understanding modern world affairs, including positivist and post-positivist theories, global political economy, interdependence, causes of war, conflict and cooperation, international institutions, and decision making processes. *Prerequisite: Pls 215 or permission of the instructor.*

Pls 402 American Political Thought *3 credit hours*
Overview of the main trends and controversies in U.S. political thought from the country's founding to the present, including political ideologies and their development over time, the proper role of the government in various areas of policy, the relationship between citizens and their government, federalism, collective identity, political leaders, and political discourse. *Prerequisite: Pls 100 and Pls 202, or permission of the instructor.*

Pls 403 Public Policy *3 credit hours*
Introduction to the study of public policy, including an overview of functions, responsibilities, decisions, and activities involved in determining public policy, from the agenda stage to the selection, implementation, and evaluation of policies. Theoretical and practical approaches to evaluate case studies in order to better understand this essential government function will be used. *Prerequisite: Pls 100 or Pls 202.*

Pls 405 Research Methods *3 credit hours*
Introduction to the scientific method, types of research, and forms of research design used in Political Science field. Students will learn how to evaluate the research of others and how to effectively construct

and execute their own research inquires in a methodical and rigorous manner. *Prerequisites: Junior status and Mth 250.* **Psy 405** may be substituted

***Pls 411 American Constitutional Law** *3 credit hours*

Examination of the development of U.S. constitutional law, its impact on government and society, and methods of constitutional analysis, including the role of the Supreme Court in the establishment of rights and liberties, the process and influence of judicial review, federalism, and the relationships between the functional branches of government. *Prerequisite: Pls 202 or permission of the instructor.*

Pls 495 Political Science Internship *1–9 credit hours*

With permission of the PS Area Coordinator, internships in a related field are available to students with high grade point average. The internship is administered by the Area Coordinator or the student's Academic Advisor. To earn one (1) credit hour, student must complete forty (40) hours of work. *Prerequisite: Junior status or permission of the instructor.*

Pls 499 Political Science Seminar *3 credit hours*

This capstone course ties together the practical and theoretical elements of the Political Science major, asking students to synthesize and apply the knowledge and skills they have gained over the course of their learning in Political Science. *Prerequisite: Junior status and at least twenty-four (24) Political Science credit hours earned.*

PSYCHOLOGY

Psychology, broadly defined, is the systematic study of behavior and mental processes. As part of a liberal arts education, the **Psychology** major will help students to gain a general knowledge and understanding of the world in which they live. The general goal of the program is to offer students a foundation in the history, principles, and methods of the science of psychology. Specifically, a psychology major at Brescia University has three goals: 1) to provide the student with the opportunity to study the ways in which psychology describes and explains both animal and human behavior; 2) to provide the student the opportunity to learn how psychology is applied; and 3) to provide students contemplating graduate training in psychology a solid undergraduate foundation. These goals are accomplished by the treatment of theory, the application of theory, research methodology in various psychology courses, and the opportunity for first-hand experience in the practical applications of psychological principles in the field. The Bachelor's degree in psychology is offered both on campus and online.

B. S. DEGREE WITH A MAJOR IN PSYCHOLOGY

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **24 credit hours**

Psy 105	Introduction to Psychology	3
Psy 270	Cognitive Psychology	3
Psy 300	Developmental Psychology	3
Psy 350	Abnormal Psychology	3
Psy 365	Personality Theory	3
Psy 380	Biopsychology	3
Psy 405	Research Methods	3
Psy 406	History and Systems of Psychology	3

Major Subject Electives: **12 credit hours**

Choose four (4) additional psychology courses from the following, one of which must be an upper-level course:

Psy 201	Women and Psychology	3
Psy 230	Women and Men: Their Relationships	3
Psy 210	Psychology Major Essentials	3
Psy 250	Applied Behavior Analysis	3
Psy 260	Social Psychology	3
Psy 303	Introduction to Counseling	3
Psy 360	Psychology of Addictions	3
Psy 370	Topics in Psychology	3
Psy 410	Psychological Testing	3
Psy 490	Senior Research Project	3
Psy 495	Field Experience	3
Psy 499	Psychology Seminar	3

Related Subject Requirement: **4 credit hours**

Mth 250	Statistics for Social Sciences or Psy 320	3
Psy 320L	Statistics Lab	1

Highly Recommended Electives/General Education Requirements: **4 credit hours**

Bio 100	Introduction to Biology	3
Idc 100	Information Resouces	1

Electives: To total 120 credit hours

Computer Competency is met through Psy 320L.

B.S. DEGREE WITH MAJOR IN PSYCHOLOGY EMPHASIS IN SPORTS

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **24 credit hours**

Psy 105	Introduction to Psychology	3
Psy 270	Cognitive Psychology	3
Psy 300	Developmental Psychology	3
Psy 350	Abnormal Psychology	3
Psy 365	Personality Theory	3
Psy 380	Biopsychology	3
Psy 405	Research Methods	3
Psy 406	History and Systems of Psychology	3

Sports Requirements: **15 credit hours**

Select courses from the following:

Psy 340x	Sports Psychology	3
Psy 341x	Psychology of Injury	3
Psy 342x	Optimal Sports Performance	3
Psy 343x	Performance Psych	3
Psy 344x	Body Image and Disordered Eating	3
Psy 345x	Psychology of Exercise	3
Psy 346x	Sports Assessment	3
Psy 347x	Social Psych and Ethical Considerations of Sports	3
Psy 348x	Mental Health and Sports Performance	3

Related Subject Requirement: **7 credit hours**

Psy 320	Statistics	3
Psy 320L	Statistics Lab	1
Bio XXX	Biology of Sports Injuries & Prevention	3

Highly Recommended Electives/General Education Requirements: **3 credit hours**

Bio 112	Human Nutrition	3

Electives: To total 120 credit hours

Computer Competency is met through Psy 320L.

A. S. DEGREE WITH A MAJOR IN PSYCHOLOGY

Required to Graduate: **60 credit hours**

General Education Requirement: **24 credit hours**

Major Subject Requirements: **18 credit hours**

Psy 105	Introduction to Psychology	3
Psy 250	Applied Behavior Analysis	3
Psy 260	Social Psychology	3
Psy 270	Cognitive Psychology	3
Psy 300	Developmental Psychology	3
Psy 350	Abnormal Psychology	3

Major Subject Electives: **6 credit hours**

Choose two (2) additional psychology courses from the following, one of which must be an upper-level course:

Psy 201	Women and Psychology	3
Psy 230	Women and Men: Their Relationships	3
Psy 303	Introduction to Counseling	3
Psy 360	Psychology of Addictions	3
Psy 370	Topics in Psychology	3
Psy 380	Biopsychology	3

Related Subject Requirements: 6 credit hours

Mth 250	Statistics for Social Sciences or Psy 320	3
Soc 204	Principles of Sociology	3

Electives: To total 60 credit hours

Computer Competency is met through IdC 100.

ACADEMIC MINOR IN PSYCHOLOGY **24 credit hours**

Psychology Requirements: **12 credit hours**

Psy 105	Introduction to Psychology	3
Psy 270	Cognitive Psychology	3
Psy 300	Developmental Psychology	3
Psy 350	Abnormal Psychology	3

Psychology Electives: **12 credit hours**

Choose four (4) electives in psychology from the listing for the major, two (2) of

which must be upper-division courses.

PSYCHOLOGY COURSE DESCRIPTIONS

*GER Approved Course

***Psy 105 Introduction to Psychology** *3 credit hours*
A survey of the main fields of psychology: the history and methods of psychology, the nervous and endocrine systems, sensation, perception, consciousness, learning, memory, higher cognitive processes, developmental psychology, motivation, emotion, stress, personality theory, sexuality, intelligence, psychological testing, abnormal psychology, psychotherapy, social psychology, and applied psychology.

***Psy 201 Women and Psychology** *3 credit hours*
This course places women at the center of psychological inquiry by focusing on the developmental and social psychology of women. It encourages integration of ideas, feelings, and behaviors. *Prerequisite: Sophomore status or permission of instructor.*

Psy 210 Psychology Major Essentials 3 credit hours
This course is designed to help students interested in the psychology major make informed decisions about their education and career plans. To accomplish this, the course helps you develop foundational knowledge about and skills relevant to success in the psychology major and career development in the field. This is accomplished by directing your efforts in the course towards meeting three learning objectives. The course assignments both promote meeting these objectives and assess the degree to which you do so.

***Psy 230 Women and Men: Their Relationships** *3 credit hours*
This course examines gender roles in contemporary society, focusing on how these roles affect relationships; it encourages student exploration of the psychological and social issues pertinent to development of relationships. *Prerequisite: Sophomore status or permission of instructor*

Psy 250 Applied Behavior Analysis *3 credit hours*
An introduction to the application of basic behavior principles to human behavior. Basic principles of reinforcement punishment, extinction, and stimulus control as they relate to normal behavior, behavior disorders, education, industrial settings, and child rearing will be discussed. Students must complete a class project using the principles learned in the class. *Prerequisite: Psy 105.*

***Psy 260 Social Psychology** *3 credit hours*
This course covers conformity, mass communication, propaganda, persuasion, social cognition, self-justification, human aggression, prejudice, liking, loving, interpersonal sensitivity, and social psychology as a science.

Psy 270 Cognitive Psychology *3 credit hours*
An in-depth survey of the fields of cognitive psychology: physiological, sensation, perception, learning, memory, language, and cognition. *Prerequisite: Psy 105.*

***Psy 300 Developmental Psychology** *3 credit hours*
A study of human growth and development from conception to death. The course deals with physical, social, emotional, intellectual, moral, and personality development at all age levels, and the respective theories; the effects of heredity and environment on the developmental process. *Prerequisite: Psy 105 or permission of instructor.*

Psy 303 Introduction to Counseling *3 credit hours*

An introduction to the theories and practices of contemporary personal, marriage, academic, and vocational counseling. Emphasis is placed on facilitative responses, listening, and other helping skills. Includes taped counseling interviews, case studies, and role-playing. *Prerequisites: Psy 105 or equivalent; junior status.*

Psy 320 Statistics 3 credit hours
This course will teach you how psychologists employ quantitative research methods and techniques to advance our understanding of a variety of topics drawn from controversies and social issues in the world around you.

Psy 320 L Statistics Lab 1 credit hour
This course is designed to introduce students to the data management and analysis program, Jamovi or SPSS. Specifically, this course will cover a broad range statistical functions in Jamovi or SPSS including menu and toolbar usage, creating data files and variables, data transformation and management techniques, creating graphs and tables, and conducting descriptive statistics and basic inferential statistics.

Psy 350 Abnormal Psychology *3 credit hours*
Abnormal psychopathology, including mental disorders, their treatment, models accounting for psychopathology, and community health programs. *Prerequisite: Psy 105.*

***Psy 360 Psychology of Addictions** *3 credit hours*
An overview of the analysis of current thinking about the nature, scope, causes, identification, and consequences of various types of addictions: nicotine, alcohol, legal and illegal drugs, gambling, etc. Treatment issues and the use of self-help groups are covered. *Prerequisite: Psy 105 or instructor permission.*

Psy 365 Personality Theory *3 credit hours*
An examination of the most prominent personality theories in terms of their origins, influence on contemporary psychological thought, and relevance to psychology as a human science. *Prerequisites: Psy 105 and junior status with at least 9 credit hours in psychology.*

Psy 370 Topics in Psychology *3 credit hours*
Various topics in psychology will be taught on a rotating basis, in response to student needs and interests. Topics include (but are not limited to) Health Psychology, Sports Psychology, Forensic Psychology, Psychopharmacology, Human Genetics, Cognitive Rehabilitation, Environmental Psychology, and Psychology of Religion. Course may be taken more than once. *Prerequisite: Psy 105.*

Psy 380 Biopsychology *3 credit hours*
An overview of the structure and function of the human nervous system as it affects human processes such as memory, emotions, learning, and psychopathology; also covered are the effects of brain damage on behavior. *Prerequisite: Psy 105 or permission of instructor.*

Psy 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Psy 405 Research Methods *3 credit hours*
An introduction to the scientific method and the various types of research. Students will develop research proposals. *Prerequisites: Psy 105 or equivalent; Mth 250; junior status with at least 12 credit hours in psychology.*

Psy 406 History and Systems of Psychology *3 credit hours*

This course begins with psychology's origins in philosophy and covers various schools of psychology, the development of experimental psychology, the influence of psychoanalysis on psychology, and trends in applied psychology. *Recommended: Psy 105 and junior/senior status.*

Psy 410 Psychological Testing *3 credit hours*
Introduction to psychological testing, including basic statistical considerations and ability, achievement, intelligence, and personality tests. *Prerequisites: Mth 250; Psy 105 and 270.*

Psy 490 Research Project I *1–3 credit hours*
This course is the culmination and the practical application of materials from the statistics and research methods courses. Under supervision, the student begins and completes a research project, including a proposal, pilot study, and/or a full research project, data analysis, and a complete report in accordance with current APA style manual. (Strongly recommended for students planning graduate work.) This course may be repeated up to six credit hours. *Prerequisites: Psy 105 and 270, and permission of instructor.*

Psy 491 Research Project II *3 credit hours*
This course allows students either to do a second research project or continue to develop the project from Psy 490. *Prerequisites: Psy 490.*

Psy 495 Field Experience *3 credit hours*
Supervised work experience with no classroom instruction. *Prerequisites: Psy 105, 365, and junior/senior status. Recommended: Psy 303.*

Psy 499 Psychology Seminar *3 credit hours*
Readings and discussions designed to help senior psychology majors synthesize their studies in the field. *Prerequisite: Senior status. Recommended: Psy 365.*

SCIENCE:

MIDDLE SCHOOL TEACHING AREA IN SCIENCE

Science Requirements: 24 credit hours

Biology: 12 credit hours

Bio 105/105L	Ecology and Evolution ***and*** Ecology and Evolution Lab	4
Bio 115/115L	Molecular and Cellular Biology ***and*** Molecular Cell Lab	4
Bio 325/325L	Ecology ***and*** Ecology Lab ***OR***	4
Bio 425/425L	Marine Biology ***and*** Marine Biology Lab	4

Chemical and Physical Sciences: 12 credit hours

*Distribute courses between Chemistry/Physics, with the following restriction: **IF** Astronomy or Geology is selected, an additional physics course must be added.*

Chm 100	Introduction to Chemistry including Lab	3
Chm 101/101L	General Chemistry I ***and*** Gen Chemistry I Lab	4
Chm 102/102L	General Chemistry II ***and*** Gen Chemistry II Lab	4
Chm 205/205L	Quantitative Analysis ***and*** Quantitative Analysis Lab	4
PhS 104	Astronomy ***OR***	3
PhS 105	Geology including Lab	3
PhS 110	Integrated Physical Science including Lab	3
PhS 201/201L	General Physics I ***and*** General Physics I Lab	4
PhS 202/202L	General Physics II ***and*** General Physics II Lab	4

SOCIAL STUDIES

The social studies degree is an interdisciplinary program dealing with various dimensions of the person such as economics, history, psychology, and political science. Such a degree provides a broader perspective than can be developed in a single discipline, and/or provides the secondary teacher with competencies in several areas. The Bachelor of Arts degree may be earned with a major in social studies.

B. A. DEGREE WITH A MAJOR IN SOCIAL STUDIES

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements: **24 credit hours**

Eco 201	Economic Concepts I	3
His 101	Survey of World Civilization I	3
His 102	Survey of World Civilization II	3
His 201	History of the United States I	3
His 202	History of the United States II	3
Pls 202	United States Government	3
Psy 105	Introduction to Psychology	3
Soc 204	Principles of Sociology	3

Major Subject Electives: **24 credit hours**

Choose from upper-division courses in history, economics, political science, and psychology, with no more than twelve (12) credit hours from a single area.

Electives: To total 120 credit hours

Computer Competency is met through IdC 100.

B. A. DEGREE IN SOCIAL STUDIES with SECONDARY TEACHER CERTIFICATION

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

See the GERs for Teacher Education, later in this catalog

Professional Education Requirement: **35 credit hours**

Students who wish to obtain Secondary Teacher Certification along with a Social Studies major should consult that section of the "Teacher Education" programs later in this CATALOG.

Major Subject Requirements: **24 credit hours**

His 101	Survey of World Civilization I	3
His 102	Survey of World Civilization II	3
His 201	History of the United States I	3
His 202	History of the United States II	3
Eco 201	Economic Concepts I	3
Pls 202	United States Government	3
Psy 105	Introduction to Psychology	3
Soc 204	Principles of Sociology	3

Major Subject Electives: **24 credit hours**

Upper-Division History: 9
Select three (3) courses chosen as follows: One course in each area: American history, European history, and non-Western history.

Social Studies Electives: 15
Choose five (5) courses from economics, political science, and psychology (psychology courses other than those required to complete Professional Education and Major Subject Requirements).

MIDDLE SCHOOL TEACHING AREA IN SOCIAL STUDIES

Social Studies Requirements:		**24 credit hours**
Eco 201	Economic Concepts I	3
Eco 202	Economic Concepts II	3
Geo 211	World Geography	3
His 101	Survey of World Civilization I ***OR***	3
His 102	Survey of World Civilization II	3
	(whichever was not taken previously to satisfy GER)	
His 201	History of the United States I	3
His 202	History of the United States II	3
Pls 202	United States Government	3
Soc 204	Principles of Sociolog	

SOCIAL WORK

The Marilyn Younger Conley School of Social Work offers a Bachelor of Social Work program that is accredited by the Council on Social Work Education (CSWE). Social Work is a profession concerned with the prevention and remediation of social problems. The Bachelor's degree in Social Work (B.S.W.) prepares students for careers in social work by providing students with the skills, knowledge, values, and cognitive and affective processes that are essential in generalist social work practice, in accordance with the 2015 CSWE Competencies. Students focus on working with individuals, families, groups, communities, and organizations. Brescia social work majors may attend graduate school in social work with advanced standing, take the B.S.W. state licensure exam, and qualify for liability insurance through NASW as a B.S.W. practicum student.

The B.S.W. contributes to Brescia University's mission by its strong emphasis on understanding people, willingness to help others, understanding of cultural diversity, and assistance in improving the quality of life of individuals, groups, and communities.
Brescia University offers the B.S.W. degree in both the on-campus and online formats.

Admission Procedures for Social Work: The Social Work Program has an admission procedure designed to attract and screen those students who have the knowledge base, attitudes, and values that will make effective social workers.

Application Procedure: The following courses must be completed prior to making a formal application for admission to the program:

1. Bio 100 Introduction to Biology *[Transfer students may substitute a Human Biology or Human Anatomy and Physiology 1, 2, or 3 course (with or without a lab) from a regionally-accredited institution.]*
2. Psy 105 Introduction to Psychology

3. Soc 204 Principles of Sociology
4. College Level Math GER.
5. SW 280 Introduction to Social Work
6. SW 301 Human Behavior in the Social Environment I *(or be currently enrolled)*

After completing the prerequisites, students make formal application to the program, using application forms available online. As part of the application for admission process, students submit an autobiographical video and essay responses that may include motivations for becoming a social worker; career goals; relevant work, volunteer, and life experiences; and strengths and weaknesses for social work practice. **CREDIT FOR EXPERIENTIAL LEARNING IS NOT PERMITTED.**

Admission Committee: The committee is composed of members of the Social Work faculty. The committee reviews each application and may interview any applicant. Students are informed by postal mail of the committee's decision.

Retention: The advising process within the Social Work Program includes ongoing evaluation of the student's professional potential and progress. Any student receiving a 'D' or lower in any social work course will be required to repeat that course. A student may be recommended for non-retention at any time by any social work faculty or field instructor who has evidence that the student's performance is indicative of non-compatibility with the profession of social work. Any such recommendation must be made in writing to the Director of the Social Work Program, who will schedule a committee meeting with the Social Work Retention Committee, and may include the Social Work Advisory Board and the Academic Dean. See *Social Work Student Handbook*.

Appeal: If the student does not concur with the Social Work Retention Committee's recommendation, appeal may be made through the usual channels of appeal within the University consistent with the University grievance procedures found in the *Student Handbook*.

TRANSFER INTO THE ONLINE BACHELOR OF SOCIAL WORK PROGRAM CRITERIA

Students in the online Social Work program will adhere to all the program criteria described above and to the course requirements outlined for the B.S.W. below. For students who have already met the minimum GER of Brescia University and who have 83 transferable credits, the program can be completed in two years.

Admission Requirements *[for online Social Work degree participants]*:

1. Students who are currently enrolled in a traditional degree program may not complete their major using the online program unless their education is interrupted and they are unable to complete the traditional program. Exceptions are made at the discretion of the BSW Program Director in consultation with the Academic Dean.
2. A minimum of 45 semester hours of undergraduate credit with a minimum GPA of 2.5 is required. Credit will not be awarded for grades below C or for duplicate and remedial courses. The 45 hours must include courses to satisfy the following GER:
   a. Language and Literature (15 hours): English writing (6), literature (3), modern language (3), additional language or upper-literature (3).
   b. Fine Arts (6 hours): art, music, or theater with no more than 6 hours in any area.
   c. Natural Science and Mathematics (9 hours): Must include Introduction to Biology (3) or a transferred Human Biology or Human Anatomy/Physiology 1, 2, or 3 GER course; college algebra (Mth 111 or 112) or other college-level GER math (3); computer science GER (3).
   d. Theology and Philosophy (6 hours): theology (3), philosophy (3).
   e. Social and Behavioral Science (3 hours): global history.

f. NOTE: Other requirements for Social and Behavioral Science GER will be met through major and related subject requirements. Upper-division GER will be met by the program's SW 310 and an upper-division GER from another discipline.

BACHELOR OF SOCIAL WORK DEGREE (B. S. W.)

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

GER should include SW 310 — Social Issues in Diversity		3

Major Subject Requirements: **36 credit hours**

SW 280	Introduction to Social Work	3
SW 301	Human Behavior in the Social Environment I	3
SW 302	Human Behavior in the Social Environment II	3
SW 304	Social Work Practice I	3
SW 305	Field Practicum I/Seminar	3
SW 306	Social Work Practice II	3
SW 308	Social Work Practice III	3
SW 401	Social Welfare Policy	3
SW 405	Research Methods	3
SW 406	Field Practicum II/Seminar	6
SW 410	Research and Statistics	3

Major Subject Electives: *(Choose two)* **6 credit hours**

SW 309	Social Work in Criminal Justice	3
SW 312	Death and Dying	3
SW 313	Social Work and Aging	3
SW 326	Women at Risk	3
SW 381	Ethical Considerations of Social Work Practice	3
SW 400	Child Abuse and Neglect	3
SW 403	Child Abuse Interventions	3
SW 443	Spiritual Issues in Later Life	3

Related Subject Requirements: **15 credit hours**

Bio 100	Introduction to Biology	3
Pls 202	United States Government	3
Pls 250	Politics and Social Issues	3
Psy 105	Introduction to Psychology	3
Soc 204	Principles of Sociology	3

Electives: To total 120 credit hours

Computer Competency is met through CS 105, IdC 100, OR IdC 205.

SOCIAL WORK COURSE DESCRIPTIONS

*GER Approved Course

***SW 280 Introduction to Social Work** *3 credit hours*
Introduces students to the social work profession and its value, skill, and knowledge bases.

***SW 301 Human Behavior in the Social Environment I** *3 credit hours*
Presents a social systems framework with a focus on individual and family systems. Emphasizes integration of social and behavioral theories. *Prerequisites: SW 280, ^Psy 105, ^Soc 204, ^Bio 100. (^These may be taken as a co-requisite with advisor permission.)*

***SW 302 Human Behavior in the Social Environment II** *3 credit hours*
A continuation of SW 301. Focus is on human behavior in the social environment, with an emphasis on groups, organizations, and communities from a social systems perspective. *Prerequisite: SW 301.*

SW 304 Social Work Practice I *3 credit hours*
Introduction to knowledge, principles, values, and skills for generalist social work practice. *Prerequisites: Admission to the program, SW 301 and ^SW 302 (^may be taken as a co-requisite).*

SW 305 Field Practicum I/Seminar *3 credit hours*
A generalist base for social work practice that involves an on-site field agency practicum and a weekly seminar that focuses on continuing skill building for generalist social work practice. Integrates classroom learning with learning taking place during the field practicum. *Prerequisite: SW 304 and Senior status.*

SW 306 Social Work Practice II *3 credit hours*
Practice II continues the development of knowledge, values, and skills for generalist social work practice, with the focus at the group level. *Prerequisite: SW 304.*

SW 308 Social Work Practice III *3 credit hours*
This course continues the development of knowledge, values, and skills for generalist social work practice. The focus, however, is on generalist practice at organizational and community levels using a social systems approach. *Prerequisite: SW 304.*

SW 309 // MSW 509 Social Work in Criminal Justice *3 credit hours*
An investigation of criminal behavior, sanctions, and rehabilitation of offenders. Implication for social work practice with the criminal justice system is discussed. Course may be taken as either undergraduate or graduate elective but not in both programs. *Prerequisite: Undergraduate — Sophomore status; Graduate — Admission to MSW program.*

***SW 310 Social Issues in Diversity** *3 credit hours*
An-depth investigation of several groups with minority status and their patterns of interaction in the United States: Native, African, and Hispanic Americans; women as a minority group; religions minorities; and the gay and lesbian population. Emphasis on social work knowledge, values, and practice skills with members of diverse populations. *Prerequisite: Sophomore status.*

***SW 312 // MSW 512 Death and Dying** *3 credit hours*
The study of death and dying in American society; changes in attitudes and norms; future trends; services to clients and families. Course may be taken as either undergraduate or graduate elective but not in both programs. *Prerequisite: Undergraduate — Sophomore status; Graduate — Admission to MSW program.*

SW 313 Social Work and Aging *3 credit hours*
Social aspects of aging, including changing role definitions of older adults and the special problems of growing old in today's society; services to the elder population. Economic and social justice issues and implication for social work practice are discussed. *Prerequisite: Sophomore status.*

SW 326 Women at Risk *3 credit hours*
This course evaluates the varied experiences among women of different cultures, geographies, socioeconomic classes, religions, and developmental histories. The ability to determine the inherent risk of women as a group as well as among themselves will be explored. Students will be expected to analyze

the potential risk of women from a cultural, developmental, and historical perspective in multiple areas of the human experience: individual, family, and community roles/perspectives; employment; health; socio-economic and political arenas. *Prerequisite: Sophomore status.*

SW 381 Ethical Considerations in Social Work Practice *3 credit hours*
Designed to heighten students' sensitivity to the ethical aspects of social work practice, this course aids them in developing a personal approach to such issues, and helps them consider the essential elements in ethical decision making in professional social work practice. *Prerequisite: Sophomore status.*

SW 400 // MSW 541 Child Abuse and Neglect *3 credit hours*
This course is designed to provide a comprehensive introduction to child abuse and neglect from a social work perspective. Social workers in all professional work settings must know how to identify child maltreatment and domestic violence. Students will learn the family dynamics and indicators of maltreatment and effective interventions on the micro and macro level. Students will also learn the extent of the problem, its effects on children, treatment issues, the social worker's role in a multidisciplinary team approach, and how to advocate for individuals and families. Course may be taken as either undergraduate or graduate elective but not as both. *Prerequisite: UG — Sophomore status; Graduate — Admission to MSW program.*

SW 401 Social Welfare Policy *3 credit hours*
Includes current issues and problems of social welfare policy and programs within a historical context. *Prerequisites: Admission to the program; SW 280, ^Pls 202 (^may be co-requisite with advisor permission)*.

SW 403 Child Abuse Interventions *3 credit hours*
Students will learn about various practice skills and treatment interventions related to social work with abused/neglected children and their families and have several opportunities to develop their own skills through a variety of teaching methods. *Prerequisite: SW 400.*

SW 405 Research Methods *3 credit hours*
This course is an introduction to the logic and the techniques of research in social science. The emphasis will be on measurement, sampling techniques, research design, and data analysis. *Prerequisite: Admission to the program.*

SW 406 Field Practicum II/Seminar *6 credit hours*
On-site field agency practicum integrating generalist social work knowledge, values and skills. Classroom seminar provides an opportunity for all seminar practicum students to integrate learning with practice experience. *Prerequisites: Senior status; SW 305, SW 306, and SW 308*

SW 410 Research and Statistics *3 credit hours*
In this course, the student will learn to analyze, understand, and present data using the Statistical Program for the Social Sciences (SPSS). The basics of statistical analysis will be introduced. Students will become informed consumers of published social work research and will develop competence in conducting basic research analysis. *Prerequisites: Junior or Senior status and SW 405.*

SW 443 // MSW 643 Spiritual Issues in Later Life *3 credit hours*
This course helps students develop culturally competent skills for working with and understanding the spiritual worlds of older adults. Students will develop skills to assess and respond competently and ethically to the diverse spiritual and religious perspectives of adults in later life. Course may be taken as

either undergraduate or graduate elective but not in both programs. *Prerequisite: Undergraduate — Sophomore status; Graduate — Admission to MSW program.*

***SW 499H Servant Leadership in Action** *3 credit hours*
This Senior Seminar, a Social and Behavioral Science GER, provides instruction on current leadership theories with specific emphasis on Servant Leadership. Knowledge gained in the classroom setting will be applied through a class-wide service project of a scope and nature commensurate with the time allotted for the class. *Prerequisites: Junior status; membership in the Honors College.*

SOCIOLOGY

Sociology, the study of social interaction and group processes, helps students become more aware of their social environment, the interdependence and complexity of institutions and societies, and the problems of living in today's world. The study of sociology does not restrict students to any specialized work, but provides background for a variety of satisfying professions, such as teaching and social work.

SOCIOLOGY COURSE DESCRIPTION

*GER Approved Course

***Soc 204 Principles of Sociology** *3 credit hours*
An introduction to the major concepts and principles relating to the study of society, social institutions, and social interaction.

SPANISH (the Spanish Majors/ Minor are discontinued as of Spring 2024 per APRC)

The Bachelor of Arts in Spanish prepares students for various professional opportunities in the United States and abroad. In-depth knowledge of the Spanish language and culture facilitates pursuing careers in education, government, health care, law, non-profit organizations, publishing, social services, and tourism. Students majoring or minoring in Spanish can further their education by pursuing an advanced degree in business or law.

The Spanish program at Brescia aims to develop students' command of the Spanish language, deepen their appreciation of Spanish-speaking literature and cultures worldwide, and hone their critical thinking skills. The goal is for students to become global citizens of the world.
The study of Spanish at Brescia involves a four-course sequence that begins with SPN 101, a course designed for students with no previous experience studying Spanish. Students with two or more years of Spanish experience or who have not studied Spanish recently and are suited for SPN 101 should get in touch with their advisors and the Area Coordinator of Modern Languages to resolve placement concerns. For more information regarding placement, students and advisors should consult the course descriptions found in this catalog or consult with the designated Area Coordinator. Additional information regarding placement can be found in the Brescia University *Advisor's Handbook.*

Non-traditional credits
The Spanish program allows students to earn non-traditional credits via the CLEP examination, the AP Spanish Examinations, and Challenge Examinations. Students interested in earning credits via these examinations should consult the non-traditional credit policies found in this catalog or consult with the Area Coordinator.

Placement

Students and advisors should approach placement in Spanish as per the following guidelines when registering for Spanish classes:
SPN 101:* no experience at all in Spanish or one year of high school Spanish.
SPN 102:** two years of high school Spanish.
SPN 201: three years of high school Spanish
SPN 202: SPN 201 or equivalent.

***Note:** if the student took Spanish recently in high school and had a positive experience with it, they should register for SPN 102.
**** Note:** If the student does not have a significant gap in their Spanish studies, they should register for the advised courses. If the student has a one or two-year gap in their studies, they should register for a lower-level course. For example, if the student took three years of Spanish but stopped studying the language for whatever reason, they should register for Spanish 102.
*****Note:** Modern Language Exemption: Students who provide evidence that they completed at least two years of education in a secondary or post-secondary school where the primary language is not English may request exemption from the modern language requirement. Highschool or university transcripts can be used to fulfill this requirement. In special circumstances where such transcripts may be unobtainable, a student may request a waiver from the Office of Academic Affairs.

Other scenarios to consider:

1. Heritage speakers have a native or close to native level of proficiency in Spanish, particularly when it comes to speaking or listening to it. That alone makes them drastically overqualified to be in any of the lower-level courses. These students tend to be native Spanish speakers but were born in the USA and learned Spanish via their parents and family interactions. It is suggested that heritage speakers of Spanish register at, the very least, in SPN 202.
1. Bilingual speakers, unlike heritage speakers, can speak, listen, read and write with a high degree of proficiency. These students should never be in any of the lower-level classes. Any class beyond SPN 300 is suitable for them.

- Native Spanish speakers (i.e., international students from Mexico, Colombia, or other Latin American countries) should register in any 300 or 400 level class except for SPN 300.

Additional considerations:

1. Heritage speakers benefit from advanced coursework that emphasizes reading and writing in Spanish. Most 300 level courses may serve that purpose.

- Bilingual students should take Spanish literature, when available, or any 300-level course, except for SPN 300: 400-level courses are also a good alternative for bilingual and Spanish speakers.
- If the student does not have a significant gap in their Spanish studies, they should register for the advised courses. If the student has a one or two-year gap in their studies, they should register for a lower-level course. For example, if the student took three years of Spanish but stopped studying the language for whatever reason, they should register for Spanish 102.

***NOTE:** Students taking the following sequences may not take a lower-numbered course once they have taken the higher-level course: Spn 101 and Spn 102; Spn 201 and Spn 202.*

B. A. DEGREE WITH A MAJOR IN SPANISH (<u>discontinued as of Spring 2024 per APRC)</u>

Required to Graduate:		**120 credit hours**
General Education Requirements:		**48 credit hours**
Major Requirements:		**15 credit hours**
Spn 101	Elementary Spanish I	3
Spn 102	Elementary Spanish II	3

Spn 201	Intermediate Spanish I	3
Spn 202	Intermediate Spanish II	3
Spn 300	Advanced Grammar and Composition through Lit and Film	3

Major Subject Electives: **18 credit hours**

Choose six (6) courses from the following:

Spn 312	Survey of Spanish American Culture	3
Spn 314	Conversational Spanish I	3
Spn 315	Conversational Spanish II	3
Spn 320	Peninsular Spanish Literature I	3
Spn 399	Independent Study *(majors only)*	3
Spn 411	Technical Spanish	3
Spn 412	Practicum: Experience Abroad	3
Spn 416	Survey of Spanish-American Literature	3
Spn 420	Peninsular Spanish Literature II	3

Electives: To total 120 credit hours

Computer Competency is met through CS 107 and IdC 100.

B. A. DEGREE IN SPANISH with P–12 TEACHER EDUCATION CERTIFICATION (discontinued as of Spring 2024 per APRC)

ACADEMIC MINOR IN SPANISH (discontinued as of Spring 2024 per APRC)

Minor Requirements: **21 credit hours**

Minor Required Courses: **15 credit hours**

Spn 101	Elementary Spanish I	3
Spn 102	Elementary Spanish II	3
Spn 201	Intermediate Spanish I	3
Spn 202	Intermediate Spanish II	3
Spn 300	Advanced Grammar and Composition through Lit and Film ***OR***	3
	Any other upper-level course	3

Minor Subject Electives: **6 credit hours**

Choose any two (2) courses:

Spn 312	Survey of Spanish American Culture	3
Spn 314	Conversational Spanish I	3
Spn 315	Conversational Spanish II	3
Spn 320	Peninsular Spanish Literature I	3
Spn 411	Technical Spanish	3
Spn 416	Spanish American Literature	3
Spn 420	Peninsular Spanish Literature II	3

SPANISH COURSE DESCRIPTIONS

*GER Approved Course

***Spn 101 Elementary Spanish I** *3 credit hours*
An introduction to the language, with stress on grammar and the aural-oral values of language, including phonetics. The content of Spn 101 is designed for students without previous experience in Spanish or a maximum of one year of high school Spanish.

***Spn 102 Elementary Spanish II** *3 credit hours*
An introduction to the language, with stress on grammar and the aural-oral values of language, including phonetics. Students should be placed in this course if they have had two years of high school Spanish. *Prerequisite: Spn 101 or equivalent, or two years of high school Spanish.*

***Spn 201 Intermediate Spanish I** *3 credit hours*
Content includes grammar practice at intermediate level of composition and conversation. Students should be placed in this course if they have had three or more years of high school Spanish. *Prerequisite: Spn 102 or equivalent, or three or more years of high school Spanish.*

***Spn 202 Intermediate Spanish II** *3 credit hours*
Content includes analysis of text through grammar practice at intermediate level of composition, speaking, and comprehension. *Prerequisite: Spn 201 or equivalent.*

Spn 300 Advanced Grammar and Composition through Literature & Film *3 credit hours*
This course helps students develop their listening, reading, writing, and conversational skills at the advanced level through the analysis of short literary texts, popular culture, and films in Spanish. While it is highly recommended that this course be taken prior to any other 300-level courses, students can also take it along with other 300 and 400-level courses. *Prerequisite: Spn 202 or equivalent.*

***Spn 312 Survey of Spanish American Culture** *3 credit hours*
A survey of cultural and economic development as well as geographical landscape of the Spanish American countries. Conducted in Spanish. *Prerequisite: Spn 202 or equivalent.*

***Spn 314 Conversational Spanish I** *3 credit hours*
Development of oral proficiency through conversation practice. Grammar concepts are studied within the content of speech. *Prerequisite: Spn 202 or equivalent.*

***Spn 315 Conversational Spanish II** *3 credit hours*
Intensive advanced-level practice of oral and aural skills. Grammar will be reviewed through written and oral drills. Conducted in Spanish, this course is not sequential to Spn 314. *Prerequisite: Spn 202 or equivalent.*

Spn 320 Peninsular Spanish Literature I *3 credit hours*
A study of literature of the Spanish Peninsula from its beginnings to the 17th century. Conducted in Spanish. *Prerequisite: Spn 202 or equivalent.*

Spn 399 Independent Study *1–4 credit hours*
Content study that is not part of the regular curriculum. It is generally offered based on student need. Advised for majors only. *Prerequisites: Spn 202 or equivalent; Area Coordinator approval, and submission and approval of "Application for Admission to Independent Study."*

Spn 411 Technical Spanish *3 credit hours*
Technical aspects of the Spanish Language, written and spoken. Grammar will be emphasized through composition practice of business documents. *Prerequisite: Spn 202 or equivalent.*

Spn 412 Practicum: Experience Abroad *3 credit hours*

Strongly advised. This course offers an international field work opportunity for Spanish majors. Prior to traveling, students receive academic instruction in the classroom. While abroad, students experience living with a host family arranged by the Area Coordinator. For Spanish majors and minors only. *Prerequisite: Spn 202 or equivalent.*

Spn 414 Methods of Teaching Spanish *3 credit hours*
A required course for Spanish education majors, presents an overview of theories, methods, and ideas dealing with the challenges of bilingual education, Spanish in particular. This course includes research of teaching techniques; including those for students with learning disabilities, particularly communication disorders. Sources may be researched in English or Spanish. *Prerequisite: Spn 202 or equivalent.*

Spn 416 Spanish American Literature *3 credit hours*
A study of major Spanish American writers from the colonial period to the 20th century. Conducted in Spanish. *Prerequisite: Spn 202 or equivalent.*

Spn 420 Peninsular Spanish Literature II *3 credit hours*
A study of literature; prose and poetry of the Spanish Peninsula, from the Nineteenth Century to the present days. Conducted in Spanish. *Prerequisite: Spn 202 or equivalent*

SPEECH

Courses offered in the speech area fulfill General Education Requirements. Speech courses are skills rather than simply content courses and concentrate on developing effective oral communication styles for both formal and informal settings.

SPEECH COURSE DESCRIPTIONS

*GER Approved Course

***Sph 110 Public Speaking** *3 credit hours*
A fundamental speech performance course designed to develop and enhance the student's confidence and skills in speaking, listening, and performing in public.

SPORTS MANAGEMENT

This program, located in the School of Business, offers students who might be interested in non-performance sports-related careers the opportunity to get an overview and introduction to significant elements of sports management. Taught by qualified faculty with both academic credentials and co-curricular coaching experience, the courses will enable students to direct enthusiasm for sports into possible career opportunities.

ACADEMIC MINOR IN SPORTS MANAGEMENT

Sports Management Requirements:		**12 credit hours**
SM 100	Introduction to Sports Management	3
SM 200	Sports Management and Leadership	3
SM 300	Sports Operations and Facilities Management	3
SM 499	Internship	3

Sports Management Electives: **3 credit hours**

Choose one (1) f the following:

SM 350	Athletic Training	3
SM 400	Coaching Theory	3
Psy 370	Topics in Psychology—Sports Psychology	3

***Related Subject Requirements (For Non-Business Majors)** **12 credit hours**

Acc 201	Principles of Accounting I	3
Eco 202	Economic Concepts II (Micro) *[may also be GER]*	3
Mkt 307	Marketing Concepts	3
Phl 346	Business Ethics *[may also be GER]*	3

******Business majors pursuing a Sports Management Minor or Integrated Studies Majors combining these two disciplines fulfill Acc 201, Eco 202, Mkt307, through major requirements. Therefore, these individuals must choose from the following options to fulfill 9 credit hours of "Related Subject Requirements" element of the Minor/Area of Concentration:*

- One or two of the SM Electives not taken as part of the Minor Electives
- Any Elective Business course that is NOT part of the Business Major
- Bio 112 – Human Nutrition *[may also serve as a GER Science requirement]*
- Eng 390 – Advanced Grammar and Editing ***OR*** Eng 400 – Professional
- and Technical Writing
- Psy 250 – Applied Behavioral Analysis

Other STRONGLY RECOMMENDED General Education Courses:

CS 108	Internet Technology	1
Psy 105	Introduction to Psychology	3
Bio 112	Human Nutrition	3
Mth 111	College Algebra and Trig *(or higher-level math)*	3
SW 310	Social Issues in Diversity	3

SPORTS MANAGEMENT COURSE DESCRIPTIONS

SM 100 Introduction to Sports Management *3 credit hours*

This course, designed to give students an introduction to the field, will provide an overview of the history, principles, and objectives within Sports Management and will explore career options available within sports organizations and sports industry as a whole. Students will gain an understanding of the principles and practices for planning and implementing sport programs as well as gain an appreciation for the study of sport.

SM 200 Sports Management and Leadership *3 credit hours*

This course, introducing students to the various skills, roles, and functions of the sport manager, also explores leadership theory and practices as they relate to the responsibilities of sport managers. *Prerequisite: SM 100.*

SM 300 Sports Operations and Facilities Management *3 credit hours*

This course, developed to introduce the student to facility management for health, fitness, physical activity, recreation, and sport, will cover the elements of facilities management: organization and management principles, policy and procedure development, ethical decision making, human resource management, management of the marketplace, financial management, risk management, programming, volunteer management, and special event planning. *Prerequisites: SM 100 and SM 200.*

SM 350 Athletic Training *3 credit hours*

This course will explore key aspects of sports medicine for the non-professional and those interested in athletic training, including specific injuries related to joints and how to evaluate and treat those injuries; sports nutrition; taping and bandaging; sports equipment and fitting; psychological aspects of injuries; and sports law. *Prerequisite: SM 100.*

SM 400 Coaching Theory *3 credit hours*
The objective of this course is to introduce prospective coaches to an outline of basic techniques and tactics that are used in coaching. Ideas to help beginning coaches develop their own coaching philosophy will be presented throughout the semester. *Prerequisite: SM 100 and junior status.*

SM 499 Internship *3 credit hours*
The internship is a supervised learning experience (*40 hours minimum per credit hour*) with a community, interscholastic, intercollegiate, amateur, or professional sport industry organization. This experience is jointly supervised and controlled by a University faculty/staff member and by personnel from the respective sport industry agency. Students will be responsible for their own transportation to off-campus meetings and required internship hours. Arrangements should be made with the faculty advisor AND with the Director of the Office of Career Services. *Prerequisites: SM 100 and second-semester sophomore or junior/senior status.*

STUDY ABROAD

Research indicates an increasing need for students to develop a global perspective. Employers value employees who appreciate different cultures and who can build relationships with persons in other parts of the world. Findings show that students who return from study abroad experiences tend to be more mature, self-aware, independent, appreciative of other cultures, and more concerned with international issues.

Brescia's Study Abroad courses, organized and led by Brescia faculty, are designed to offer students in any discipline an opportunity for a more global and cross-cultural experience. Courses are designed by individual faculty member in areas of interest, and students participate in the travel experience and receive 3, 6, or 9 credits (depending on trip length) counted toward specific major requirements or free electives agreed upon in advance. These Brescia-sponsored courses are in addition to Study Abroad opportunities available to Brescia students through reciprocal agreements with the Caritas School of Social Work in Olomouc, Czech Republic, and with Nagoya University in Japan, both of which provide students opportunities for full semester- or year-abroad experiences.

STUDY ABROAD COURSE DESCRIPTION

SA 300/325/350 Study Abroad I, II, and/or III *3–9 credit hours*
Each of these courses includes a weekly seminar class that focuses on issues relevant to the particular area of travel, travel expectations and preparations, and general global issues relevant to studying abroad. At the end of the seminar course, students in the class will travel along with the instructor for a period of 7 to 14 days (3 credits), 14 to 30 days (6 credits), or for one to two months during the summer (9 credits). *Prerequisites: At least rising sophomore level and 2.5 GPA or higher; other or more stringent requirements may be identified by specific instructor.*

TEACHER EDUCATION

From its founding, Brescia has been noted for the quality of its Teacher Education programs. Brescia University School of Education (SOE) candidates are challenged to become professional educators committed to ethics, advocacy, service, and lifelong learning. The SOE offers programs for the certification of Elementary, Middle, Secondary, P–12 Art and Spanish teachers, and Special Education teachers in the field of Learning and Behavior Disorders (LBD). The SOE also offers an educational Endorsement: Teachers of English as a Second Language (ESL). Brescia graduates serve with distinction in school systems throughout the country. All School of Education programs are approved by Kentucky's Education Professional Standards Board (EPSB).

The School of Education programs include:

ELEMENTARY EDUCATION: Bachelor of Science degree with P–5 certification.

MIDDLE SCHOOL EDUCATION: Bachelor of Science degree, with 5–9 certification.

SECONDARY CERTIFICATION: Bachelor of Science or Arts degree, with 8–12 certifications in Biology, English, Mathematics, or Social Studies.

P–12 CERTIFICATION: Bachelor of Arts degree in Art Education with P–12 certification.

SPECIAL EDUCATION: Dual Certification program, with P–12 certification in Learning and Behavior Disorders (LBD) together with either Elementary or Middle School certification.

Post-Baccalaureate **ENDORSEMENT IN TEACHERS OF ENGLISH AS A SECOND LANGUAGE (ESL)** with P–12 certification.

ADMISSION TO SCHOOL OF EDUCATION AND TO CLINICAL PRACTICE

Students must be formally accepted into the School of Education prior to enrolling in most upper-division teacher education courses. Applications for admission into the School of Education and for admission to clinical practice are filed in the School of Education Office on or before October 1 or February 1 of each academic year.
Application for admission into the School of Education is completed no sooner than the second semester of the sophomore year. The application process includes:

- Passing scores on the PRAXIS Core Academic Skills for Educators (CASE) test series;
- Demonstration of teacher dispositions and written and oral competence;
- Reference screening; and
- Completion of a State Police background check.

The applicant must also achieve and maintain a 2.75 cumulative grade point average and have successfully **completed two of the following three professional courses** from among the common courses***** required for every teacher education major**: Edu 204, Edu 255, Psy 300.** *Note: Students transferring a course equivalent to Edu 204 must also take Edu 108 prior to admission to the School of Education.*

Application for clinical practice (student teaching) is completed the semester prior to the clinical practice experience. Deadline to apply is October 1 or February 1 Prerequisites include:

- Completion of required course work;
- Submission of a professional portfolio;
- Recommendation of faculty in area of certification and completion of PRAXIS specialty and PLT exams;
- Completion of 200 field hours and field components;

- A grade point average of at least 2.75 out of a possible 4.00, or 3.0 GPA on the last thirty (30) hours of credit completed on all University coursework attempted; and
- An extensive background check completed by the federal government, the Kentucky State Police, and the local police department as well as the Central Registry of Kentucky for Child Abuse and Neglect.
- A current health form and TB skin test filed in the SOE office.

Applications for admission into the School of Education and for admission to clinical practice cannot be made during the same semester.

General Education Requirements for Teacher Education: Candidates in education must complete Brescia University General Education Requirements, with the following special designations:

- Social and Behavioral Science courses must include three (3) hours of American history, preferably History of the United States (His 201 or 202), and
- Natural Science courses must include both a biological science and a physical science with a lab included.
- **NOTE:** For Elementary Education Majors, see "General Education/Liberal Arts Core" list of courses in the Elementary Education list of required courses below.

***Professional Common Courses Required for Every Education Major:** The following five courses are taken by all Teacher Education candidates, regardless of their major: Edu 204 (or 108 for transfer students), Edu 246, Edu 255, Edu 301, Edu 303 and Psy 300.

Program Completion and Application for Certification: In order to become a fully certified teacher, the candidate must successfully complete the Teacher Education Program, obtain passing scores on the required PRAXIS II and Principles of Learning and Teaching exams, and complete the Application for Teacher Certification (CA-1) in the Office of the Registrar and Educational Professional Standards Board (EPSB). Due to budgetary constraints and lack of available funds, the Kentucky Teacher Internship Program (KTIP) is suspended.

B. S. DEGREE with a MAJOR and KENTUCKY TEACHER CERTIFICATION in ELEMENTARY EDUCATION (Certification: Elementary Education, Grades P–5)

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**
See General Education/Liberal Arts Core below.

Professional Education – Elementary Major Subject Requirements: **53 credit hours**

Edu 204	**Introduction to Education** *(transfer students: See Edu 108)*	3
Edu 246	**Technology Application and Integration in Education**	3
Edu 255	**Teaching Children w Diverse/Exceptional Ed'l Needs**	3
Edu 258	School Health and Physical Education	3
Psy 300	**Developmental Psychology**	3
Edu 301	**Growth, Development, and Learning Theory**	3
Edu 303	**Teaching Strategies**	**3**
Edu 314	Children's Literature	3
Edu 319	Social Studies in Elementary Grades	3
Edu 320	Science for Elementary Grades	3
Edu 321	Teaching Reading in the Elementary School	3
Edu 323	Math Methods for Elementary Grades	3

Edu 325	Teaching Language Arts in the Elementary School	3
Edu 406	Classroom Management	3
Edu 415	Practicum – Elementary	1
Edu 434	Clinical Practice: Elementary Grades (P–5)	12
Related Subject Requirements:		**12 credit hours**
Mus 3XX	Comprehensive Arts Education for the Classroom.	3
Geo 211	World Geography	3
Mth 203	Fundamentals of Math for Elementary Teachers I	3
Mth 204	Fundamentals of Math for Elementary Teachers II	3
General Education/Liberal Arts Core:		**30 credit hours**
Bio 100	Introduction to Biology	3
Eng 101	Writing I	3
Eng 102	Writing II	3
Eng 201/202/203/204	Introduction to Fiction, Poetry, Drama, ***OR*** Literature	3
His 101/102	World Civilization I ***OR*** World Civilization II	3
His 201/202	History of US I ***OR*** History of US II	3
Phs 110 ***OR*** 104	Integrated Physical Science ***OR*** Astronomy	3
Pls 200/202	Introduction to Political Science ***OR*** United States Government	3
Soc 204	Principles of Sociology	3
Eco 204	Survey of Economics	3

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

B. S. DEGREE with MAJOR and KENTUCKY TEACHER CERTIFICATION in MIDDLE SCHOOL EDUCATION (Certification: Middle School, Grades 5–9)

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

See General Education Requirement for Teacher Education.

Professional Education – Middle School Major Subject Requirements: **40–44 credit hours**

Edu 204	**Introduction to Education** *(transfer students: See Edu 108)*	3
Edu 246	**Technology Application and Integration in Education**	3
Edu 255	**Teaching Children w Diverse/Exceptional Ed'l Needs**	3
Psy 300	**Developmental Psychology**	3
Edu 301	**Growth, Development, and Learning Theory**	3
Edu 303	Teaching Strategies	3
Edu 322	Teaching Reading in the Content Area	3
Edu 324*	*Teaching Mathematics	3
Edu 326	Teaching Language Arts in the Content Areas	3
Edu 328*	*Teaching Social Studies	3
Edu 329*	*Teaching Science	3
Edu 406	Classroom Management	1
Edu 416	Practicum – Middle School	1
Edu 435	Clinical Practice: Middle School	12

**According to Areas of Specialization*

Specialty Area Requirements:
Middle School majors must choose two areas of specialization.

Consult the CATALOG for specific specialty area requirements for English, Mathematics, Social Studies, and Science. Special Education can count as one specialty area for dual certification.)

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

KENTUCKY TEACHER CERTIFICATION in SECONDARY EDUCATION
(Certification: Secondary, Grades 8–12)

Required to Graduate: 120 credit hours

General Education Requirement: 48 credit hours
See General Education Requirement for Teacher Education.

Professional Education – Secondary Requirements: 37–41 credit hours

Edu 204	**Introduction to Education** *(transfer students: see Edu 108)*	3
Edu 246	**Technology Application and Integration in Education**	3
Edu 255	**Teaching Children w Diverse/Exceptional Ed'l Needs**	3
Psy 300	**Developmental Psychology**	3
Edu 301	**Growth, Development, and Learning Theory**	3
Edu 303	Teaching Strategies	3
Edu 340	Teaching Secondary School Subjects	3
Edu 360	Teaching Literacy across the Curriculum	3
Edu 406	Classroom Management	1
Edu 410	Methods, Materials, and Management	3
Edu 417	Practicum – Secondary	1
Edu 436	Clinical Practice: Secondary	12

Additional Requirement for ENGLISH Majors with Secondary Certification:

Edu 327	Teaching Reading: Secondary Schools	3

Teaching Major Requirement:
Consult CATALOG and advisor for specific teaching major requirements for Biology, English, Mathematics, and Social Studies.

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

ART EDUCATION with KENTUCKY TEACHER CERTIFICATION in GRADES P–12

Required to Graduate: 133 credit hours

General Education Requirement: 48 credit hours
See General Education Requirement for Teacher Education.

Professional Education Requirements: 37 credit hours

Edu 204	**Introduction to Education** *(transfer students: see Edu 108)*	3

Edu 246	**Technology Application and Integration in Education**	3
Edu 255	**Teaching Children w Diverse/Exceptional Ed'l Needs**	3
Psy 300	**Developmental Psychology**	3
Edu 301	**Growth, Development, and Learning Theory**	3
Edu 303	Teaching Strategies	3
Edu 340	Teaching Secondary School Subjects	3
Edu 360	Teaching Literacy across the Curriculum	3
Edu 406	Classroom Management	1
Edu 410	Methods, Materials, and Management	3
Edu 419	Practicum – P-12 Art/Spanish	1
Edu 438	Clinical Practice: P-12 Art/Spanish	12

In addition to a Clinical Practice placement in an ELEMENTARY (P–5) setting, Art Education majors must select <u>one (1) additional clinical practice</u> setting:
Middle School (5–9) ***OR*** Secondary (8–12).

Teaching Major Requirements: **45 credit hours**
Consult CATALOG and advisor for specific teaching major requirements for Art

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

<u>SPANISH EDUCATION</u> with KENTUCKY TEACHER CERTIFICATION in GRADES P–12 (discontinued as of Spring 2024 per APRC)

<u>SPECIAL EDUCATION</u>

The Special Education at Brescia University prepares individuals to work as teachers in a variety of settings with children and young adults who have diverse and exceptional learning needs. It prepares candidates for dual certification in Special Education: Learning and Behavior Disorders (LBD) and either Elementary Education or Middle School Education. Teacher certification in P–12 Special Education: LBD licenses teachers to work with children with specific learning disabilities, mild mental disabilities, emotional or behavioral disorders, and other disabilities.

Brescia Special Education graduates now serve as teachers or co-teachers in regular, self-contained, and resource classrooms; as social service workers specializing in service to persons with handicapping conditions; and as teacher consultants and administrators in the field of Special Education. The Special Education Program is approved by the Kentucky's Education Professional Standards Board (EPSB) and conforms to current certification guidelines.

Students considering a degree in Special Education are advised that certification in two teaching areas (regular and Special Education) will require a program that exceeds the usual 120 credit hours necessary for graduation. Because it may not be possible to complete the program of studies in the traditional eight semesters of undergraduate study, students may need to allow at least one extra semester and/or summer of study to complete the B.S. degree in Special Education.

<u>Note</u>: Students pursuing Special Education Certification at Brescia University must seek Kentucky teacher certification in one or more of the following combinations:

- LBD, grades P–12, and Elementary Education, grades P–5; ***OR***

- LBD, grades P–12, and Middle School, grades 5–9

B. S. DEGREE with a MAJOR and with KENTUCKY TEACHER CERTIFICATION in SPECIAL EDUCATION (P-12 Learning and Behavior Disorders)

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**
See General Education Requirement for Teacher Education.

Professional Education – Special Education Requirements: **32 credit hours**

Edu 103	Orientation in Special Education	1
Edu 204	**Introduction to Education** *(transfer students: See Edu 108)*	3
Edu 246	**Technology Application and Integration in Education**	3
Edu 255	**Teaching Children w Diverse/Exceptional Ed'l Needs**	3
Psy 300	**Developmental Psychology**	3
Edu 301	**Growth, Development, and Learning Theory**	3
Edu 303	Teaching Strategies	3
Edu 406	Classroom Management	1

LBD Requirements: **15-18 credit hours**

Edu 334	Introduction to Learning and Behavior Disorders	3
Edu 336	Methods: Learning and Behavior Disorders	3
Edu 337	Behavior Disorders: Techniques and Procedures	3
Edu 350	Diagnosis and Assessment in Special Education	3
Edu 408	Transitions and Family Life	3
Edu 418	Practicum – Special Education: LBD	1
Edu 437L	Clinical Practice: Special Education: LBD	7
Edu 430	Adaptive/Assistive Technology: Communication/Curricular Issues	3
Edu 443	Legal Aspects, Parental Issues, and the IEP	3

KENTUCKY TEACHER CERTIFICATION in LBD, P–12, with Elementary Education, Grades P–5

Professional Education Requirements:
See Elementary Education, Grades P–5. Replace Edu 434 (Clinical Practice) with:
Edu 434L Clinical Practice: Elementary (Grades P–5) 7 **credit hours**

Related Subject Requirements:
See Elementary Education, Grades P–5.

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

KENTUCKY TEACHER CERTIFICATION in LBD, P–12, with Middle School, Grades 5–9

Professional Education – LBD Middle Grades Requirements:

See Middle School, Grades 5–9. Replace Edu 435 (Middle School) with:

Edu 435L Clinical Practice: Middle Grades (5–9) 7

Academic Emphasis Requirements: **24-27 credit hours**

See specialty area. Only one (1) specialty area is required, since Special Education Requirements replace one of the two specialty areas.

Electives: To total at least 120 credit hours

Computer Competency is met through Edu 246.

ENDORSEMENT for TEACHERS OF ENGLISH AS A SECOND LANGUAGE P–12 (ESL)

This post-baccalaureate endorsement may also be earned in conjunction with a bachelor's degree in education. Thus the endorsement, obtained in conjunction with another certification in education, prepares both pre-service and more experienced teachers to teach in a more global environment that includes English-language learners; it also expands potential job opportunities.

Required for Completion:		**13 credit hours**
Eng 306	Linguistics	3
Edu 401	Language and Culture	3
Edu 402	Acquisition and Skill Set for Teaching ESL Students	3
Edu 403	Methods and Materials for Teaching P–12 ESL Students	3
Edu 404	ESL Practicum	1

Additional Requirements:

1. Total of sixty (60) field hours (10 per required EDU course and 30 in practicum)
2. Six (6) hours modern language as prerequisite
3. Certification in elementary, middle grades, or secondary education prior to applying for the endorsement
4. Passing ESL Praxis II exam before endorsement issued by Kentucky's EPSB

TEACHER EDUCATION COURSE DESCRIPTIONS

Edu 103 Orientation in Special Education *1 credit hour*

Observation of selected area special education, vocational preparation, and residential programs. Overview of service delivery systems in special education. Introduction to systematic classroom observation techniques.

Edu 108 Orientation to School of Education *1 credit hour*

Required for the transfer student who has completed the basic "Introduction to Education" course elsewhere. This course orients the pre-candidate to Brescia's program, its conceptual framework, its educator disposition expectations, its continuous assessment system and practices, and its Ursuline foundation.

Edu 204 Introduction to Education *3 credit hours*

Examines the historical, philosophical, and social foundations of education; focus upon the organization, curriculum, and administration of the American school system; review of current educational research. Includes a required field component. May not be taken as directed study. *Prerequisite: Fifteen hours of University course work.*

Edu 213 School Health, Safety, Nutrition, and the Environment *3 credit hours*
Required for elementary education majors, this course provides a basic background for understanding how the body functions, health-related problems, personal hygiene, good health practices, nutrition, environmental issues, safety measures in the community, and the roles and responsibilities of teachers as advocates for children. **Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 246 Technology Application and Integration in Education *3 credit hours*
Introduction to current educational technology hardware, software, and research-based practices that seek to have a positive impact on teaching and learning in diverse settings and with diverse populations. Specific emphasis will focus on awareness of best-practice technology integration techniques into the design, execution, and assessment of learning. Candidates will practice using 21st-century technology equipment to leverage necessary skills as a future education professional. Field Experience required. *Prerequisite: Word processing competency.*

Edu 255 Teaching Diverse Populations of Children and Youth *3 credit hours*
Introduction to issues regarding elements of diversity in P–12 children and youth that affect educational performance and outcomes. Elements of diversity examined include: gender, race, ethnicity, culture, sexual orientation, socio-economic status, language, exceptionalities, religion, and geographical area. Current issues include: legal requirements at state and federal levels, definitions, characteristics, educational needs of identified and at-risk students, appropriate adaptations/accommodations/modifications for school environments and for instructional design/implementation/assessment and ethical professional practice. Field experience required. *Prerequisites: Sophomore status; Eng 102 recommended.*

Edu 256 Adaptive Physical Education *1 credit hour*
Introduction to physical education and recreation programs for special populations. Overview of safety considerations and proper techniques for lifts, transfers, and positioning. Introduction to accessibility and adaptive needs for persons with orthopedic handicaps. Exposure to variety of orthopedic/adaptive equipment and technological assists. *prior to 2021-2022 catalogue

Edu 257 Physical Education (P–5) *1 credit hour*
Designed to enable understanding of motor and social developmental stages of P–5 students and to facilitate the acquisition of the skills necessary to conduct programs appropriate to the needs and abilities of those students. **Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 258 School Health & Physical Education (P-5*)* *3 credit hours*
Required for Elementary Education majors, this course provides a basic background for understanding how the body functions, health-related problems, personal hygiene, good health practices, nutrition, environmental issues, safety measures in the community, designed to enable a better understanding of motor and social development states of P-5 students, and the roles and responsibilities of a teacher as advocates to facilitate the acquisition of the skills necessary to conduct programs appropriate to the needs and abilities of children. 15 field hours Required

Edu 301 Growth, Development, and Learning Theory *3 credit hours*
This course provides an in-depth study of human growth and development with respect to physical, social, cognitive, gender, emotional, and personality issues, in conjunction with consideration of theories of learning and teaching that apply to student development. Field experience required. *Prerequisite: Edu 204 or permission of instructor.*

Edu 303 Teaching Strategies *3 credit hours*
This course is an investigation of the skills of teaching which are applicable at any grade level. Emphasis is placed on the application of teaching strategies in the classroom setting. This course will include curriculum concepts and professional evaluations. Field is required. *Prerequisites: C or better in EDU 204*

Edu 307 Early Childhood Special Education *3 credit hours*
Course content includes issues, intervention techniques, and service delivery models for infants, toddlers, and preschool children who are considered developmentally disabled or at risk. It also examines transdisciplinary approaches to Individual Family Service Plans, assessment and curriculum, transition, integration; and it explores the developmental and functional approaches to instruction. Field experience required. *Prerequisite: Admission to School of Education or permission of instructor. *Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 314 Children's Literature *3 credit hours*
Provides a general overview of the literature appropriate for elementary grades and beyond; acquaints candidates with books and their uses in the literature-based approach to teaching. Field Experience required. *Prerequisite: Sophomore status or permission of instructor.*

Edu 315 Adolescent Literature *3 credit hours*
Provides a general overview of the literature appropriate for elementary and middle grades; acquaints candidates with books and their uses in the literature-based approach to teaching. This course fulfills a requirement in the English and Communication component in the curriculum for the Provisional Certificate for Teaching in the Middle Grades. Field Experience required. *Prerequisite: Sophomore status.*

Edu 319 Social Studies in Elementary Grades *3 credit hours*
Prepares teachers at the elementary level to organize and teach social studies concepts, providing them with appropriate content, methodology, and activities for reinforcing those concepts. Field experience required. *Prerequisites: Completion of a global and a U.S. history course and admission to School of Education or permission of instructor.*

Edu 320 Science for Elementary Grades *3 credit hours*
This course is designed to assist the teacher of the elementary grades in presenting science concepts in an interesting and challenging way so as to help the candidate acquire and maintain a high level of curiosity about science and to enjoy the information acquired. It will provide models of inquiry and a methodology for teaching the science curriculum. Field experience required. *Prerequisites: Completion of a biological and a physical science course and admission to School of Education or permission of instructor.*

Edu 321 Teaching Reading in the Elementary Schools *3 credit hours*
This course is designed for elementary school teachers to survey reading research, develop a meaningful repertoire of teaching strategies, and integrate reading skills and materials across the elementary school curriculum. Field placement required. *Prerequisites: Edu 204 and admission to School of Education; or permission of instructor. Edu 314 strongly recommended.*

Edu 322 Teaching Reading in the Content Areas *3 credit hours*
This course is designed for middle school teachers. It approaches reading as a cognitive process and offers teaching strategies, skill development strategies, aids, and approaches to assessing the readability of materials in middle school content areas. Field experience required. *Prerequisites: Admission to School of Education or permission of instructor.*

Edu 323 Math Methods for Elementary Grades *3 credit hours*
This course prepares teachers to assist children in acquiring an understanding of mathematical concepts and principles and the operations to which they apply; upon achieving this understanding, children will learn the skills they need to use mathematics effectively in a wide variety of situations. Field experience required. *Prerequisites: Mth 203, 204, and admission to School of Education or permission of instructor.*

Edu 324 Teaching Mathematics *3 credit hours*
A study of the content and methodology for teaching mathematics in the middle school. Deals with process of learning mathematics, content to be taught, and methods of teaching. Not applicable toward a mathematics major or minor. Field experience required. *Prerequisites: Mth 204 and admission to School of Education or permission of instructor.*

Edu 325 Teaching Language Arts in the Elementary School *3 credit hours*
This course is designed for elementary school teachers. The purposes of this course are to survey the language arts research, examine and evaluate approaches to teaching language arts, and develop teaching strategies and skills that will integrate language arts in the elementary school curriculum. Field placement required. *Prerequisites: Edu 204 and admission to School of Education or permission of instructor.*

Edu 326 Teaching Language Arts in the Content Areas *3 credit hours*
This course is designed for middle school teachers. The purposes of this course are to survey the language arts research, examine and evaluate approaches to teaching language arts in the content areas, and to develop teaching strategies and skills that will integrate language arts into the middle school content areas. Field placement required. *Prerequisites: Edu 204 and admission to School of Education or permission of instructor.*

Edu 327 Teaching Reading: Secondary Schools *3 credit hours*
Methods of teaching reading and study skills in content areas; survey of diagnostic instruments, instructional materials, and organization of reading program; focus upon current research and practice. Field experience required. *Prerequisite: Admission to School of Education or permission of instructor.*

Edu 328 Teaching Social Studies *3 credit hours*
This course is designed to direct prospective teachers in their efforts to organize and conduct successful social studies learning experiences in the middle grades and to provide detailed information about content to be covered, methods of teaching, materials to be used, and activities appropriate for each content area. Field experience required. *Prerequisites: Completion of a global and a U.S. history course, Edu 204, and admission to School of Education or permission of instructor.*

Edu 329 Teaching Science *3 credit hours*
This course is designed to give directions to the prospective teacher on how to organize and conduct successful learning experiences in the middle grades and to provide detailed information for each content area, along with appropriate learning activities and methods of teaching science effectively. Field experience required. *Prerequisites: Completion of a biological and a physical science course and admission to School of Education or permission of instructor.*

Edu 334 Introduction to Learning and Behavior Disorders *3 credit hours*
A survey of the nature and needs of individuals with a variety of mild learning and behavior disorders, including Learning Disabilities, Behavior Disorders, Mild Mental Disabilities, and Orthopedic Handicaps. Considers characteristics, definitions, historical developments, legal requirements, family concerns, and programming and intervention issues. Field experience required. *Prerequisite: Admission to School of Education or permission of instructor.*

Edu 336 Methods: Learning and Behavior Disorders *3 credit hours*
Methods, materials, and curriculum for planning and providing systematic instruction to individuals with mild learning and behavior disorders. Focus is on individualized diagnosis, strategies, formative evaluation, collaboration, and use of technology in the classroom. Service delivery systems and research findings are examined. Field experience required. *Prerequisites: Edu 334 and admission to School of Education or permission of instructor.*

Edu 337 Behavior Disorders: Techniques and Procedures *3 credit hours*
Application of behavior management skills with emphasis on changing student behavior; establishing effective behavioral environments; and identifying, monitoring, and charting targeted behaviors. Behavior modification, effective teaching variables, self-monitoring techniques, and other theories are discussed. Field experience required. *Prerequisite: Admission to School of Education or permission of instructor.*

Edu 340 Teaching Secondary School Subjects *3 credit hours*
Overview of secondary school structure, historical perspective, curriculum, diagnosis, planning. Comprehensive thirty-hour field experience in an area high school is required. May not be taken as a directed study. *Prerequisites: Edu 301 and admission to School of Education or permission of instructor.*

Edu 350 Diagnosis and Assessment in Special Education *3 credit hours*
Instruction in the development, utilization, and interpretation of informal and formal evaluation instruments for use in providing diagnostic/prescriptive teaching in the curriculum areas. Field experience in assessment required. *Prerequisites: Edu 334 and admission to School of Education or permission of instructor.*

Edu 360 Teaching Literacy across the Curriculum *3 credit hours*
This course, designed for secondary majors, surveys methods of teaching literacy as a secondary teacher of English and as a secondary teacher of content; it also addresses the effective use of assessment, instructional materials, and organization of a literacy program, focusing on current research and practice. *Prerequisite: Edu 204 and admission to School of Education or permission of instructor.*

Edu 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on teacher candidate interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Edu 401 ESL: Language and Culture *3 credit hours*
For the candidate seeking an ESL endorsement, this course assists teachers in understanding the diversity in foundational belief systems and world views, and how language is used to express those systems. The candidate is introduced to the idea of universal and particular beliefs of various cultures. Field hours required. *Prerequisites: Admission to School of Education and six (6) hours modern language, or current teaching certificate.*

Edu 402 ESL: Acquisition and Skill Set for Teaching ESL Students *3 credit hours*
For candidates seeking an ESL endorsement, this course assists teachers in understanding how language is learned, and consequently how to teach the English language more effectively. The course emphasizes the impact of the theories of second language acquisition on ESL pedagogy and introduces the teaching of the ESL skill set, based on the most recent or respected research on how each language skill is learned. These skills will include teaching ESL reading, writing, oral skills, and vocabulary. Field hours required. *Prerequisites: Admission to School of Education and six (6) hours modern language, or current teaching certificate.*

Edu 403 ESL: Methods and Materials for Teaching P–12 ESL Students *3 credit hours*
For those seeking an ESL endorsement, this course uses knowledge derived from the linguistic sciences about the nature of language and how it is learned to assist pre-service teachers in exploring and evaluating the various methods, techniques, and approaches to the teaching of English as a Second Language. The course also provides opportunities for the development of skills, procedures, and strategies for teaching from and utilizing commercial material and developing teacher-made materials for teaching ESL students. Field hours required. *Prerequisites: Admission into School of Education and six (6) hours modern language, or current teaching certificate.*

Edu 404 ESL Practicum *1 credit hour*
Supervised teaching experience. This class focuses on the assessment, design, and implementation of systematic instruction and collaboration practices for ESL students. Requires 30 field hours and meetings with instructor. *Prerequisites: Admission into School of Education and six (6) hours modern language, or current teaching certificate.*

Edu 406 Classroom Management *1 credit hour*
This course acquaints the candidate with management techniques and theory, effective classroom environments, discipline techniques, effective classroom behaviors, conferencing, observation and report-writing skills. Fifteen field hours required. *Prerequisites: Currently enrolled in Clinical Practice or Practicum or permission of the chair.*

Edu 408 Transition and Family Issues in Special Education *3 credit hours*
This course explores the assessments, activities, requirements, and documents related to preparing for transitioning to preschool/school for the young child with special needs and transitioning to post-secondary education and/or occupations for the adolescent with special needs. The importance of and the impact on families are also explored. Field is required.

Edu 410 Methods and Materials: Secondary Curriculum *3 credit hours*
Examines teaching techniques/strategies for secondary classroom. Focus upon instructional materials in various areas of secondary certification; use of media; and micro-teaching. Thirty-hour field experience in candidate's major discipline required. May not be taken as a directed study. *Prerequisites: Edu 407 and admission to School of Education or permission of instructor.*

Edu 412 Curriculum and Classroom Management for the Middle Grades *3 credit hours*
This course acquaints the candidate with the philosophy and organization of the middle school, appropriate curriculum concepts, discipline strategies, and classroom management. Fifteen field hours required. *Prerequisites: Admission to School of Education, junior status, and sixty hours of field experience. *Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 413 Curriculum and Classroom Management *3 credit hours*
Acquaints the candidate with management techniques and theory, effective classroom environments, discipline techniques, effective classroom behaviors, conferencing, observation and report-writing skills. Fifteen field hours required. *Prerequisites: Admission to School of Education, junior status, and sixty hours of field experience. *Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 415 Practicum – Elementary *1 credit hour*
Supervised teaching experience during the semester immediately preceding clinical practice. Focuses on the assessment, design, and implementation of systemic instruction and collaboration for Elementary grades. Required 50 field hours and meetings with instructor.

Edu 416 Practicum – Middle School *1 credit hour*
Supervised teaching experience during the semester immediately preceding clinical practice. Focuses on the assessment, design, and implementation of systemic instruction and collaboration for Middle grades. Required 50 field hours and meetings with instructor.

Edu 417 Practicum – Secondary *1 credit hour*
Supervised teaching experience during the semester immediately preceding clinical practice. Focuses on the assessment, design, and implementation of systemic instruction and collaboration for Secondary grades. Required 50 field hours and meetings with instructor.

Edu 418 Practicum – Special Education: LBD *1–3 credit hours*
Supervised teaching experience during the semester immediately preceding clinical practice. Focuses on the assessment, design, and implementation of systematic instruction and collaboration practices for students with learning and behavior disorders. Requires minimum of 50 active field hours per semester credit hour and meetings with instructor.

Edu 419 Practicum – P–12 ART or SPANISH Programs *1 credit hour*
Supervised teaching experience during the semester immediately preceding clinical practice. Focuses on the assessment, design, and implementation of systemic instruction and collaboration for P–12 Art and Spanish majors with P–12 certification. Required 50 field hours and meetings with instructor.

Edu 426 Professional Laboratory Experiences *4–8 credit hours*
A practicum approach to teaching that may include selected laboratory experiences, group/ individual sessions, and readings. When appropriate, this course could satisfy the requirement for a supervised clinical practice requirement. *Prerequisites: For experienced teachers only; approval of program chair and admission to School of Education.*

Edu 430 Adaptive and Assistive Technology: Communication and Curricular Issues *3 credit hours*
Explores language development, language disorders associated with students with disabilities, adaptive and assistive technologies, and strategies to promote language and communication. Experiences will include assessment, program development, use and evaluation of technologies, collaborative problem solving. Field experiences will be required. *Prerequisite: Admission to School of Education or permission of instructor. *Students enrolled in catalogues prior to 2021-2022*

Edu 434 Clinical Practice: Elementary (P–5) *12 credit hours*
Observation, participation, and teaching experiences for minimum of fourteen (14) weeks in approved public or private school; minimum of seven (7) weeks in a primary P–2 placement and a minimum of seven (7) weeks in an intermediate grade 3–5 placement. Includes development of professional portfolio. *Prerequisites: Admission to clinical practice, course work through the junior year, and completion of all methods courses.*

Edu 434L Clinical Practice: Elementary (P–5) **7** *credit hours*
Observation, participation, and teaching experiences for a minimum of nine (9) weeks in approved public or private school; includes development of professional portfolio. Open only to Special Education majors. *Prerequisites: Admission to clinical practice, declared special education major, course work through the junior year, and completion of all methods courses.*

Edu 435 Clinical Practice: Middle School (5–9) *12 credit hours*
Observation, participation, and teaching experiences in approved public and private schools — middle grades, 5–9 — for a minimum of fourteen (14) full weeks (typically distributed seven (7) weeks full time in each specialty area); includes development of professional portfolio. *Prerequisites: Admission to clinical practice, course work through the junior year, and Edu 406 or 412.*

Edu 435L Clinical Practice: Middle School (5–9) **7** *credit hours*
Observation, participation, and teaching experiences in approved public and private schools — middle grades, 5–9 — for minimum of nine (9) full weeks; includes development of professional portfolio. Open only to Special Education majors. *Prerequisites: Admission to clinical practice, declared Special Education major, course work through the junior year, and Edu 406 or 412.*

Edu 436 Clinical Practice: Secondary (8–12) *12 credit hours*
Observation, participation, and teaching experiences in approved secondary public or private school for a minimum of fourteen (14) weeks; includes development of professional portfolio. *Prerequisite: Admission to clinical practice.*

Edu 436L Clinical Practice: Secondary (8–12) **7** *credit hours*
Observation, participation, and teaching experiences in approved secondary public or private school for a minimum of nine (9) weeks; includes development of professional portfolio. Open only to Special Education majors. *Prerequisite: Admission to clinical practice, declared Special Education major, and course work through the junior year.*

Edu 437L Clinical Practice: Special Education LBD *7 credit hours*
Observation, participation, and extensive teaching experience with students having learning and behavior disorders; includes development of professional portfolio. The experience is for a minimum of nine (9) weeks in an approved public school. *Prerequisites: Edu 336, admission to clinical practice, and permission of instructor.*

Edu 438 Clinical Practice: P–12 Art or Spanish *12 credit hours*
Observation, participation, and teaching experiences for minimum of 70 days in approved public or private school; minimum of thirty-five (35) days in an elementary placement and a minimum of thirty-five (35) days in middle grades OR secondary placement. If a placement cannot be secured a special request can be file with EPSB for an alternative placement. Includes development of professional portfolio. Only open to P-12 majors. *Admission to clinical practice required*

Edu 441 Career Education and Family Life *3 credit hours*
Course content includes transition plans, life-centered curricula, materials, and methods to meet the lifelong career, community involvement, family life, and sex education needs of individuals with disabilities. Clinic and field hours required. *Prerequisites: Admission to School of Education OR permission of instructor. *Students enrolled in catalogues prior to 2021-2022* catalogue

Edu 443 Legal Aspects, Parental Issues, and the IEP *3 credit hours*
Examines laws, regulations, due process procedures, and court decisions that affect Special Education providers, individuals with exceptionalities, and their families. Also explores communication and counseling issues for working with parents and families. Develops techniques for creating individualized educational programs. *Prerequisites: Admission to School of Education OR permission of instructor*

THEATRE

A number of courses offered in the drama area fulfill General Education Requirements (GERs). Theatre offerings provide both content- and performance-based courses that allow students to add a theatre perspective to their degree. Drama production is also an extracurricular activity that provides an opportunity for theatre performance and participation in a variety of on- and off-campus activities including small-scale campus shows and presentations for local schools and civic groups.

THEATRE COURSE DESCRIPTIONS

*GER Approved Course

***Drm 120 Introduction to Acting** *3 credit hours*

A course designed to introduce students to basic theoretical and practical techniques of movement, improvisation, and character study with practical application through performance of selected plays.

Drm 130 Theatre Practicum I *1 credit hour*

Practicum courses are designed to supplement academic studies with the opportunity to receive hands-on training and work experience on campus as well as in a professional performing arts facility (e.g., RiverPark Center). The course consists of planned and evaluated training experiences that integrate classroom theory with actual theatrical stage work. *Prerequisite: Permission of Program Coordinator.*

***Drm 141 Theatre Appreciation** *3 credit hours*

A course designed for the beginning student that introduces and develops an appreciation for theatrical trends, styles, and historical developments. The course also develops a basic skill for reading, viewing, and evaluating plays.

Drm 2?? Script Analysis *3 credit hours*

This course is will introduce students to the methods of analyzing written play scripts from various genres and styles. Students will learn about the technical and theoretical skills of script analysis including a better understanding of the importance of background, plot structure, character, and dialogue.

Drm 230 Theatre Practicum II *1 credit hour*

Practicum courses are designed to supplement academic studies with the opportunity to receive hands-on training and work experience on campus as well as in a professional performing arts facility (e.g., RiverPark Center). The course consists of planned and evaluated training experiences that integrate classroom theory with actual theatrical stage work. *Prerequisite: Permission of Program Coordinator.*

Drm 300 Advanced Acting *3 credit hours*

A course designed to build on theory and skills learned in the basic acting class and advanced study in character analysis/relationships with practical application through performances of selected play scenes. *Prerequisite: Drm 120.*

***Drm 321 Readers Theatre** *3 credit hours*

Designed to introduce students to the basic tenets of performance studies through an investigation of Readers Theatre, its roots in the oral tradition, and its evolution into a modern discipline. This performance-based course serves as an upper-division elective for fulfillment of the Fine Arts GER. Students will participate in the creation, selection, adaptation, and staging of literature in performance. *Prerequisite: Junior/senior status or permission of instructor.*

Drm 330 Theatre Practicum III *1 credit hour*
Practicum courses are designed to supplement academic studies with the opportunity to receive hands-on training and work experience on campus as well as in a professional performing arts facility (e.g., RiverPark Center). The course consists of planned and evaluated training experiences that integrate classroom theory with actual theatrical stage work. *Prerequisite: Permission of Program Coordinator.*

***Drm 3## Musical Theatre** *3 credit hours*
A course designed students to dive deeper into theatre via musical theatre. This course will cover basic musical theatre history, types of musical theatre, and musical adaptations. Students will develop an appreciation for the role musical theatre plays in popular culture. This course serves as an upper-division elective for fulfillment of the Fine Arts GER.

Drm 3## Theatre for Young Audiences *3 credit hours*
Students will gain insight into the histories, purposes, and processes of developing theatre for young audiences. The course will explore teaching drama to youth, devising and adapting stories, acting styles and techniques, production design and management, and developing educational materials for the production.

***Drm 4## History of Theatre** *3 credit hours*
A survey of theatre history that explores the development, literature, and criticisms of drama from the Greeks to modern times. This course serves as an upper-division elective for fulfillment of the Fine Arts GER. *Prerequisite: Junior/senior status or permission of instructor.*

Drm 390/490 Special Topics in Theatre *3 credit hours*
Special topics courses are designed to provide an opportunity for students to explore specialized topics in theatre (e.g., American playwrights, literary criticism, festival production, theatre management, etc.). Topics will be selected by the Program Coordinator to meet student interests and needs and may also work in conjunction with production projects at the local professional performing arts center (e.g., RiverPark Center). *Prerequisite: Permission of Program Coordinator.*

OCTC Courses
THA 141 Costume Design and Makeup *3 credit hours*
The aim of this course is to provide an overall look at the technical side of stage costumes, with an emphasis on construction. It includes a unit on stage makeup. Lecture 2 hours and laboratory 5 hours.

THA 150 Fundamentals of Production *3 credit hours*
A comprehensive study of the basic organizational structure processes and techniques involved in theatre design, technology, and management, with particular reference to the RiverPark Center.

THA 250 Stage Electrics *3 credit hours*
A comprehensive study of stage lighting in principle and practice. It is a lecture/laboratory course concentrating on the fundamentals of circuits, instrumentation, and operation of stage lights. *Prerequisite: THA 150 or permission.*

THA 260 Stagecraft *3 credit hours*
Study of theory, principles, and techniques of stage construction. Assignments in laboratory and backstage during rehearsals and performance are essential hands-on experience for this course. Lecture 2 hours and laboratory 5 hours. *Prerequisite: Tha 150 or permission.*

THEOLOGY

The Theology Program is grounded in the Roman Catholic faith tradition and reflects the Second Vatican Council's commitments to ecumenism, religious liberty, a deeper study of the wellsprings of the sources of the Catholic tradition, and a reaffirmation of traditional religious vocations. The Theology curriculum offers courses that serve: (1) to fulfill the requirements for the major or minor in Theology; (2) to provide the major subject requirements and electives for the degree in Theology with an Emphasis in Pastoral Studies; (3) to provide the requirements for an area of emphasis in the Integrated Studies major; and (4) to satisfy the University's General Education Requirements. The Theology major, and to lesser extents the minor and the Integrated Studies major, serve to prepare the student for graduate work in theological studies. Brescia University also offers an online program in Theology with an Emphasis in Pastoral Studies that coheres with the on-site program.

The Theology with an Emphasis in Pastoral Studies degree (1) prepares students desiring to enter a vocation of Lay Ecclesial Ministry upon graduation; (2) prepares students to study theology and ministry at the graduate level in preparation for a vocation to Lay Ecclesial Ministry or religious life; and (3) offers an opportunity for a double major for students interested in theology and ministry but who have decided on a different career path. This degree is available both on campus and as an online program.

A. A. DEGREE WITH A MAJOR IN THEOLOGY

Required to Graduate: **60 credit hours**

General Education Requirement: **24 credit hours**

Major Subject Requirements*: **36 credit hours**

*Th 101	Introduction to the Old Testament
*Th 105	Introduction to the New Testament
*Th 223	Spirituality and Vocation
Phl 103	Introduction to Philosophy
Th 110	The Catholic Faith: Introduction to Theology
Th 109	Introduction to Ministry
Th 310	Women in Christian Tradition
Th 212	Basics of Catechetical and Youth Ministry
*Th 318	Faith and Justice
Th 320	The Church
*Th 219	World Religions
Th 241	Catholic Liturgy

B. A. DEGREE WITH A MAJOR IN THEOLOGY

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements*: **27 credit hours**

Th 101	Introduction to the Old Testament	3
Th 105	Introduction to the New Testament	3
Th 110	The Catholic Faith: An Introduction to Theology	3
Th 219	World Religions	3
Th 303	Catholic Moral Tradition and Contemporary Issues	3
Th 312	The Sacraments of the Catholic Community	3
Th 318	Faith and Justice: The Gospel and Social Values	3

Th 320	The Church	3
Th 480	Development of Catholic Doctrine	3

Major Subject Electives*: **9 credit hours**

Three (3) courses from the following list (at least two of which must be upper-level):

Th 223	Spirituality and Vocation	3
Th 241	Catholic Liturgy	3
Th 302	Christian Marriage and Family	3
Th 304	Pauline Epistles	3
Th 305	Israel's Prayer and Wisdom	3
Th 306	The Beatitudes and Parables of Jesus	3
Th 310	Women in Christian Tradition	3
Th 399	Independent Study	3

**Theology faculty may evaluate transfer students with non-BU-theology/religion General Education courses to determine if they may be applied to the Theology major.*

Related Subject Requirements: **6 credit hours**

His 339	History of Christianity to 1648	3
Phl 103	Introduction to Philosophy ***OR***	3
Phl 325	Metaphysics	3

Electives: To total 120 credit hours

Computer Competency is met through IdC 100 or IDC 205.

B. A. DEGREE WITH A MAJOR IN THEOLOGY with an EMPHASIS in PASTORAL STUDIES

Required to Graduate: **120 credit hours**

General Education Requirement: **48 credit hours**

Major Subject Requirements*: **21 credit hours**

Th 101	Introduction to the Old Testament	3
Th 105	Introduction to the New Testament	3
Th 110	The Catholic Faith: An Introduction to Theology	3
Th 320	The Church	3
Th 480	Development of Catholic Doctrine	3

Choose ONE (1) of the following:

Th 303	Catholic Moral Tradition and Contemporary Issues OR	3
Th 318	Faith and Justice: The Gospel and Social Values	3

Choose ONE (1) of the following:

Th 304	Pauline Epistles OR	3
Th 305	Israel's Prayer and Wisdom OR	3
Th 306	The Beatitudes and Parables of Jesus	3

Pastoral Studies Requirements*: **15 credit hours**

Th 109	Introduction to Ministry	3
Th 212	Basics of Catechetical and Youth Ministry	3
Th 223	Spirituality and Vocation	3
Th 312	The Sacraments of the Catholic Community	3
Th 490	Christian Ministry Internship	3

**Theology faculty may evaluate transfer students with non-BU-theology/religion General Education courses to determine if they may be applied to the Theology major.*

Related Subject Requirements:		**6 credit hours**
His 339	History of Christianity to 1648	3
Choose ONE (1) of the following:		
Phl 103	Introduction to Philosophy OR	3
Phl 325	Metaphysics	3

Electives: To total 120 credit hours

Computer Competency: through IdC 100 for traditional students; assumed for online students

THEOLOGY ACCELERATED B. A. / M. A. COMPONENTS

Brescia University has crafted partnerships with two nationally recognized graduate programs in theology and ministry – Aquinas Institute of Theology and Saint Meinrad School of Theology.

The articulation agreement with the Aquinas Institute of Theology in St. Louis offers an accelerated program for students to earn both the B.A. in Theology with an Emphasis in Pastoral Studies from Brescia University and either the M.A. in Theology or the M.A. in Pastoral Studies (this can be combined with a Masters in Social Work) from Aquinas Institute of Theology at an accelerated pace through advanced standing credit with Aquinas Institute. Near the end of a student's program of study at Brescia, a student choosing to participate in this program registers for the Brescia course, Th 475 — Advanced Tutorial in Theology. This Brescia course counts as three major elective credits toward his or her major. The actual course of study is then taught by Aquinas Institute faculty. Upon the student's successful application, acceptance, and matriculation to Aquinas Institute of Theology, that course work would account for advanced standing of six (6) graduate credits with Aquinas Institute.

The articulation agreement with Saint Meinrad School of Theology in southern Indiana offers an accelerated program to earn both the B.A. in Theology with an Emphasis in Pastoral Studies from Brescia University and the Master of Theological Studies (MTS) from Saint Meinrad School of Theology. In the latter half of the student's program of study at Brescia, a student choosing this program registers for Brescia's Th 312 – Sacraments — course, but would instead take a graduate level course in Sacraments at Saint Meinrad in order to fulfill that requirement. Upon successful completion of the Saint Meinrad course, the student would receive both graduate and undergraduate credit at the respective institutions. In addition, students interested in this program will also receive three (3) graduate credit hours in systematic theology at Saint Meinrad for successfully completing Brescia University's Th 480 – Development of Doctrine. This course has been designed as a capstone course that challenges students to do graduate-level work, focusing particularly on writing. In addition, Saint Meinrad School of Theology will waive up to twelve (12) additional credit hours of graduate work for any graduate of this Brescia major who maintains a grade of "B" or higher in all courses within the major.

ACADEMIC MINOR IN THEOLOGY

Theology Studies Requirements:		**18 credit hours**
Th 101	Introduction to the Old Testament	3
Th 105	Introduction to the New Testament	3
Th 110	The Catholic Faith: An Introduction to Theology	3
Th 303	Catholic Moral Tradition and Contemporary Issues	3
Th 312	The Sacraments of the Catholic Community	3
Th 318	Faith and Justice: The Gospel and Social Values	3

Theology Elective:		**3 credit hours**
Choose ONE (1) of the following:		
Th 223	Spirituality and Vocation	3
Th 304	Pauline Epistles	3
Th 310	Women in Christian Tradition	3
Th 320	The Church	3
Th 480	Development of Catholic Doctrine	3

Related Subject Requirements:		**6 credit hours**
His 339	History of Christianity to 1648	3
Phl 103	Introduction to Philosophy	3

PRE-BACCALAUREATE CERTIFICATE IN THEOLOGY

Requirements:		**15 credit hours**
Th 101	Introduction to the Old Testament	3
Th 105	Introduction to New Testament	3
Th 110	Catholic Faith: Intro to Theology	3
Th 212	Basics of Catechetical & Youth Ministry	3
Th 223	Spirituality and Vocation	3

POST-BACCALAUREATE CERTIFICATE IN THEOLOGY

Requirements:		**51 credit hours**
Th 101	Introduction to the Old Testament	3
Th 105	Introduction to the New Testament	3
Th 223	Spirituality and Vocation	3
Phl 103	Introduction to Philosophy	3
Th 110	The Catholic Faith: Intro to Theology	3
Th 109	Introduction to Ministry	3
Th 310	Women in Christian Tradition	3
Th 212	Basics of Catechetical & Youth Ministry	3
Phl 325	Metaphysics	3
Th 320	The Church	3
Th 312	The Sacraments of the Catholic Community	3
Th 241	Catholic Liturgy	3
Th 318	Faith and Justice: The Gospel and Social Values	3
Th 480	Development of Catholic Doctrine	3
Th 219	World Religions	3
Th 304	Pauline Epistles	3
Th 303	Catholic Moral Tradition and Contemporary Issues	3

THEOLOGY COURSE DESCRIPTIONS

*GER Approved Course

***Th 101 Introduction to the Old Testament** *3 credit hours*
An examination of the texts of the Old Testament from the perspective of modern biblical scholarship. The historical, literary, and theological dimensions of this literature will be explored.

***Th 105 Introduction to the New Testament** *3 credit hours*
An examination of the New Testament texts from the perspective of modern biblical scholarship. The historical, literary, theological, and spiritual dimensions of this literature will be explored.

Th 109 Introduction to Ministry *3 credit hours*
An overview of ministry in the Church, historically and currently, and its implications for those exploring the call to serve the Church in professional roles of ministry. This course includes self-reflection and discernment; ministry field experiences; an introduction to Church documents on ministry; an overview of the *National Certification Standards for Lay Ecclesial Ministry. Prerequisite: THEOLOGY MAJORS ONLY and permission of instructor.*

***Th 110 The Catholic Faith: An Introduction to Theology** *3 credit hours*
An introduction to Catholic theology and faith tradition, this course examines how the Church prayerfully receives, seeks to understand, and communicates God's revelation to humanity. The course consists of an overview of both important and distinctive Catholic beliefs and practices in light of the Second Vatican Council. *Prerequisite: Th 101 or Th 105 is recommended.*

Th 120 Living and Leading with Love *3 credit hours*
In this online course students will be formed by the sacred scriptures and by classic and contemporary texts of the Catholic tradition to integrate the vision of love or *caritas* expressed by Jesus Christ. Based on three central questions regarding identity, knowledge, and action, students will encounter Jesus' call to love, explore the meaning of that love, and put love into action through servant leadership. In doing so, they will engage in theological reflection and weekly prayer, and study the lives of saints and holy people as well as Catholic Social Teaching. NOT OPEN to full-time Brescia University students and *LIMITED TO high school students admitted into the L^3 program.*

Th 190 Practicum: Living and Leading with Love *1 credit hour*
In this practicum students will put love into action through service, online community-building, and prayer. They will provide at least twenty (20) hours of service to a local non-profit organization, read texts related to servant leadership and vocation, and reflect theologically upon their service. NOT OPEN to full-time Brescia University students and *LIMITED TO high school students admitted into the L^3 program.*

Th 212 Basics of Catechetical and Youth Ministry *3 credit hours*
This introductory course in catechetics and evangelization is designed for persons responsible for any of the major catechetical components of parish life, including sacramental preparation, RCIA, religious education, youth ministry, and adult faith formation. Topics include a history of catechesis, the nature and purpose of evangelization and catechesis, the catechetical dimensions of ministry, faith development theory, and techniques and practice of planning effective catechetical sessions and activities.

***Th 219 World Religions** *3 credit hours*
This course examines the Indian religions of Hinduism and Buddhism; the Chinese and Japanese religions of Confucianism, Taoism, and Shintoism; and the religions of Judaism and Islam in the Mid-East. *Prerequisite: Sophomore status is recommended.*

***Th 223 Spirituality and Vocation** *3 credit hours*
This course will introduce students to great spiritual figures and their writings from within the western tradition. In addition to the above classics, students will also engage contemporary spiritual writers as a way of developing a spirituality commensurate with any vocation or life choice. Students will be asked to craft a spiritual autobiography that integrates their life story with the expected major and career choices they currently may be discerning.

Th 241 Catholic Liturgy *3 credit hours*
This course examines the historical and theological foundations of Catholic liturgy, and the liturgical documents, principles, and norms that shape the contemporary reform and practice mandated by Vatican II. Notable attention is given to the liturgical assembly, liturgical symbols, roles of ministry, and the various liturgical rites of Catholic worship. *Prerequisite: Th 110 or permission of instructor.*

***TH 250H Women and the Bible** *3 credit hours*
This course introduces both the Old and New Testaments to students via the stories of the numerous women found there. Through the lens of these women's stories, students will learn and practice basic principles for biblical interpretation and gain a generalized knowledge of biblical history. Both Old and New Testament women will be studied in terms of their great variety, often surprising roles, significant challenges, and enduring contributions to religious history and personal spirituality. The course will also explore how religious art has understood these women, and it will conclude with how biblical women's stories have shaped later church preaching and practice on the role and responsibilities of women. An overnight field trip will supplement lecture and discussion. *Open ONLY to Honors College students.*

***Th 302 Christian Marriage and Family** *3 credit hours*
This course deals with the meaning of marriage as a sacrament, the history of Catholic teaching on marriage and family, and the myths and realities of marriage. This course also explores practical ways to enrich marriage and foster married and family spirituality. *Prerequisite: Th 101 or Th 105 is recommended.*

***Th 303 Catholic Moral Tradition and Contemporary Issues** *3 credit hours*
This course will explore Catholic moral tradition and its application to personal and social moral issues. Specific issues discussed will vary according to contemporary moral relevance.
Prerequisite: Th 110 recommended.

***Th 304 Pauline Epistles** *3 credit hours*
A study of the letters of St. Paul from the perspective of modern historical-critical scholarship. The course analyzes Pauline teaching as one of the major components of ancient Christian tradition and explores its significance in the contemporary Church. *Prerequisite: Th 105 or sophomore status.*

***Th 305 Israel's Prayer and Wisdom** *3 credit hours*
This course examines the book of Psalms, including its place in the life of Jewish and Christian worshipping communities. It also analyzes the traditions of the sages of Ancient Israel contained in the books of Proverbs, Job, Sirach, Wisdom, and the Song of Songs. *Prerequisite: Th 101 or permission of instructor.*

***Th 306 The Beatitudes and Parables of Jesus** *3 credit hours*
A study of the Beatitudes that emphasizes their implications for Western Christians. In investigating the parable form, its significance and theology, the course uses a combination of form-critical, theological, and literary approaches to the parables. *Prerequisite: Th 105 or permission of instructor.*

***Th 310 Women in Christian Tradition** *3 credit hours*
Examines the experience of women in the Christian Communions of the past and provides a Scriptural and theological background needed for a better understanding of the place of women in the Christian Communions and in society today. *Prerequisite: Sophomore status; Th 101 or Th 105 is recommended.*

***Th 312 The Sacraments of the Catholic Community** *3 credit hours*
Discussion of the meaning of the sacraments from an historical, theological, and spiritual perspective, emphasizing their communitarian aspect. Special emphasis will be placed on Baptism and Eucharist as constitutive of the Church. *Prerequisite: Th 110 or Th 241.*

***Th 318 Faith and Justice: The Gospel and Social Values** *3 credit hours*
This course examines why concern for social, economic, and political justice is rooted in the Gospel and mission of the Church. It presents the problem of structural injustice and possible strategies for alternatives. Issues such as human rights, abortion, poverty, hunger, racism, sexism, pollution, and war are studied. *Prerequisite: Th 105 recommended.*

***Th 320 The Church** *3 credit hours*
A theological study of the nature and mission of the Church. The course investigates the Church from the following perspectives: its beginnings as reflected in the New Testament and early Christian literature; the history of Catholic ecclesiology; the models analysis of Avery Dulles, S.J.; and the documents of Vatican Council II. *Prerequisite: Th 105.*

Th 399 Independent Study *1–4 credit hours*
This course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. *Prerequisite: Submission and approval of "Application for Admission to Independent Study."*

Th 418 The Rite of Christian Initiation of Adults and Conversion *3 credit hours*
An in-depth study of the rites of Christian initiation of adults from the perspectives of the dynamics of religious conversion and the pastoral, sacramental processes of initiation into the Catholic faith community. This course is designed as a preparation for ministry in the RCIA process. *Prerequisites: Th 241 and Th 320, or permission of instructor.*

Th 450 Pastoral Care, Leadership, and Ethics *3 credit hours*
This course focuses on the leadership and communication needed in pastoral ministry situations. Topics include: (1) a vision and praxis of pastoral care and leadership; (2) effective communication and relational skills; (3) church organizational development; (4) professional ministerial ethics in the light of the *National Certification Standards for Lay Ecclesial Ministry;* (5) Church law and civil law in ministry; and (6) portfolio and internship orientation. *Prerequisite: Any one of the following: Psy 102, 105, or Soc 204.*

Th 475 Advanced Tutorial in Theology with Aquinas Institute of Theology *3 credit hours*
This Brescia University course is normally offered during the summer session and is taught in cooperation with the Aquinas Institute of Theology (AIT) of St. Louis, Missouri. Successful completion of this course offers the student advanced standing of six (6) graduate credit hours at AIT upon: Application and academic acceptance into AIT; enrollment in an AIT graduate program in Theology and/or Pastoral Studies. After the student registers for Th 475, an independent learning contract between the Brescia University student and the AIT instructor of the Advanced Tutorial is created. The learning contract builds upon material previously mastered by the student through linking two distinct sub-disciplines of theology for a focused study (e.g., the sub-disciplines of Church History and Liturgy would be linked in a way that afforded the student an in-depth study of the development of the liturgy and sacraments within the historical context of the Middle Ages). The contract will outline a course of reading to be completed; arrange for a two-day face-to-face seminar with the instructor in Saint Louis; and a final graduate-level research paper of roughly fifteen pages to be submitted and graded by the AIT instructor. Three undergraduate credits will be awarded to the student as a major elective. Students are responsible for their own travel, housing, and food costs associated with the two-day seminar in St. Louis. *Prerequisite: Students from any major may enroll in Th 475 so long as they have completed nine (9) credits of theology, six (6) of which must be upper-division theology credits*.

Th 480 Development of Catholic Doctrine *3 credit hours*
This course explores the development of Catholic doctrine as an historical, cultural, and theological process. Christian worship, the teachings of theologians, the devotions of popular piety, creeds, and other official pronouncements of church councils and popes through the ages shape and carry this process forward. Such enculturation and doctrinal development will be analyzed in seminar fashion through the lenses of church teachings on the Trinity, Jesus, and Mary. *Prerequisites: Th 110 and permission of instructor.*

Th 490 Christian Ministry Internship *3 credit hours*
This field experience is structured to be a direct preparation for beginning professional ministry. As such, it assists the student in attaining the level of theological reflection, the breadth of pastoral theology, the depth of ministry competence, the spirit of collaboration, and the standard of professional ministry practice to be achieved at the B.A. level. Its goal, furthermore, is to provide a senior level integration of the basic areas of preparation for contemporary ministry. *Prerequisites: Senior status and permission of instructor.*

***Th 499H Servant Leadership and the Spirituality of Work** *3 credit hours*
The pillars of Servant Leadership within the context of a leader's responsibility to think and act in the interest of the common good are examined. A historical, theological, and spiritual reading of "work" allows students to discern the value, purpose, and impact of their career choices. Assignments, readings, collaborative learning, and team projects assist the students to develop the "soft" skills necessary for leadership and the intellectual knowledge to make inform decisions on how to lead with a servant's heart rooted in compassion and *caritas*. This course fills a general education requirement (GER) in the *philosophy/theology* area. *Prerequisite: Open ONLY to Honors College students.*

WOMEN'S STUDIES

Courses in the Women's Studies minor help students link critical thinking to empowerment and to social responsibility.

WOMEN'S STUDIES COURSE DESCRIPTIONS

*GER Approved Course

***WS 302 Contemporary Woman** *3 credit hours*

This course explores many of the issues and theories that are necessary to an understanding of women's status roles and experiences today; it challenges students to envision alternatives to present systems of inequality. *Prerequisite: Sophomore status.*

WS 499 Seminar in Women's Studies *3 credit hours*

This course provides the capstone experience for students declaring a minor in Women's Studies. It encourages the integration of the interdisciplinary courses and challenges students to acquire a new understanding of women's diverse experiences. *Prerequisite: Completion of fifteen (15) credit hours in courses approved for Women's Studies.*

PRE-PROFESSIONAL PROGRAMS

PRE-DENTISTRY PROGRAM

A student planning to enter dental school typically earns a B.S. degree in biology at Brescia University. The Brescia student is made aware of the importance of adequate preparation through course work, supplemental reading, and counseling in preparation for the Dental Aptitude Test (DAT).

PRE-ENGINEERING PROGRAM

Engineering schools require a basic program of instruction in conjunction with the specified engineering courses necessary to obtain a bachelor's degree in any branch of engineering. The two-year program at Brescia is designed to prepare the student so that an additional two years is usually sufficient to complete the B.S. degree requirements of an accredited engineering school. Students having a weak mathematical background will need more than two years of study at Brescia to complete the basic program. (See also the A.S. degree in Engineering Studies.)

Required Courses:		**64 credit hours**
Chm 101	General Chemistry I ***and***	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II ***and***	3
Chm 102L	General Chemistry II Lab	1
CS 110	Programming I	3
CS 111	Programming II	3
Eco 201	Economics Concepts I	3
Eco 202	Economics Concepts II	3
Eng 101	Writing I	3
Eng 102	Writing II	3
Mth 211	Calculus I	4
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 305	Differential Equations	3
PhS 201	General Physics I ***and***	3

PhS 201L	General Physics I Lab	1
PhS 202	General Physics II ***and***	3
PhS 202L	General Physics II Lab	1
Sph 110	Public Speaking	3
One (1) Social and Behavioral Science Requirement:		3
Electives:		9

PRE-LAW PROGRAM

The official statement of the American Association of Law Schools emphasizes the preference of law schools for students with a broad educational background — capable of critical and creative thinking, with a facility in writing and speaking. Almost all law schools require a bachelor degree, but no specific major is required. A pre-law student at Brescia University will pursue the general education requirements of the University for all students during the first three or four semesters. A major is chosen no later than the junior year, with emphasis on breadth of knowledge in the area rather than specialization. Throughout this time the faculty advisor guides the student, giving careful consideration to personal interests, career plans, and law school qualifications. Many students find that a background in history, political science, or literature is excellent preparation for law school; others have selected majors from the social sciences, business, or the natural sciences.

The pre-law advisor at Brescia University maintains information on the Law School Admissions Test and a collection of law school catalogs. These materials are available for study by individual students and groups.

PRE-MEDICAL SCIENCES PROGRAM

Pre-Medicine

A student in the pre-medical program works in close consultation with pre-professional advisers. Courses are offered regularly, and each student's work is evaluated periodically in view of her/his professional goal.

Pre-Nursing Program

The following courses will meet the prerequisites necessary for making application to the University of Louisville BSN program

- Eng 101 and Eng 102
- Sph 110
- Phl 110, 231, ***OR*** 347 (consult advisor for latest in other possible philosophy requirements)
- Psy 105 and Psy 300
- Th 219
- Mth 250 ***OR*** 313; and one of the following: Mth 111, Mth 113, ***OR*** 211
- Chm 100 ***OR*** 101
- Bio 112, 115, 201, 305, 305L, 311, 311L; 201L highly recommended
- His 101, 102, 201, ***OR*** 202
- Fine Arts: Art 180 ***OR*** 280 ***OR*** 281 ***OR*** Drm 120 ***OR*** 141 ***OR*** Mus 100 ***OR*** 305
- Diversity Electives: ONE of SW 310, His 201, 202; ***AND*** ONE of His 101, 102, ***OR*** 305

See also the ASSOCIATE OF SCIENCE IN HEALTH SCIENCES degree.

Pre-Optometry Program

The pre-optometry program satisfies the pre-professional requirements of optometry schools. Course work includes chemistry, physics, mathematics, biology, and a battery of liberal arts courses. The student is advised to seek out and fulfill the pre-professional requirements of the optometry school to which s/he intends to apply.

Pre-Pharmacy Program

Admission to a college of pharmacy typically requires courses in English, mathematics, chemistry, biology, economics, and the humanities. To fulfill R.Ph. degree requirements, most colleges of pharmacy recommend the 2-3 plan, (two years of college work followed by three years of professional work in a college of pharmacy). To fulfill Ph.D. degree requirements, many colleges of pharmacy recommend the 2-4 plan, (two years of college work followed by four years of professional work in a college of pharmacy). The student is advised to seek out and fulfill the pre-professional requirements of the college of pharmacy to which he/she intends to apply.

The following two-year sequence includes the courses required for admission to all colleges of pharmacy:

Required Courses:

Bio 105/L	Ecology and Evolution and Lab	3+1
Bio 115/L	Molecular and Cellular Biology and Lab	3+1
Bio 311/L	Microbiology and Lab	3+1
Chm 101/L	General Chemistry I and Lab	3+1
Chm 102/L	General Chemistry II and Lab	3+1
Chm 301/L	Organic Chemistry I and Lab	3+1
Chm 302/L	Organic Chemistry II and Lab	3+1
Eco 201	Economic Concepts I	3
Eng 101	Writing I	3
Eng 102	Writing II	3
Mth 211	Calculus I	4
PhS 201/L	General Physics I and Lab	3+1
PhS 202/L	General Physics II and Lab	3/1

Recommended courses:

Chm 205/L	Quantitative Analysis and Lab	3+1
Chm 409/410	Biochemistry I ***OR*** Biochemistry II	3
Eco 202	Economic Concepts II	3
Mth 313	Probability and Statistics	3

Pre-Physical Therapy

Physical therapy is generally a doctoral graduate program. The requirements for entrance into programs at Kentucky universities currently include biology (anatomy and physiology and/or general biology), chemistry, physics, psychology, and statistics. Other courses may be required by individual programs; therefore, students are encouraged to identify programs of interest and, working with the pre-professional advisor, ensure that they include such courses in their undergraduate program.

Pre-Podiatric Medicine

Requirements for admission to podiatric medical schools include general biology, general and organic chemistry, physics, and English, all of which are part of the biology major. A student interested in podiatric medicine is encouraged to identify the program of interest and to work closely with the health professional advisory committee for successful preparation for entrance into schools of podiatry.

Pre-Veterinary Medicine

Admission to medical school and veterinary medical school typically require the Bachelor of Science degree with a major in biology. The pre-medical program satisfies the requirements of veterinary medical schools with the exception of agriculture courses, which must be taken elsewhere.

PRE-PROFESSIONAL PROGRAM IN THE AREA OF COMMUNICATION SCIENCES and DISORDERS

The American Speech-Language-Hearing Association has developed knowledge and skill acquisition (KASA) expectations for students engaged in speech pathology and audiology educational and clinical endeavors. The Communication Sciences and Disorders program at Brescia University conforms closely to those expectations. The student who chooses the pre-professional program track in Communication Sciences and Disorders will work closely with her/his advisor to ensure successful preparation prior to professional graduate school application. Students choosing this program are directed to see the area of Communication Sciences and Disorders of this *Catalog*.

GRADUATE PROGRAMS

Within the Charles Albert Reid School of Business, the William H. Thompson Center for Graduate Studies in Business (Thompson Graduate School) offers the Master of Business Administration (MBA) . This program allows students the opportunity to pursue coursework more specifically allied with their chosen career paths.

MASTER OF BUSINESS ADMINISTRATION (MBA)

Description: The MBA is an 12–21-month program designed specifically for the experienced, time-conscious professional with leadership potential and strong quantitative skills. This MBA experience adds depth and fluency in business concepts to participants' technical skills and prepares students for broader leadership roles in their industries. The program must be completed within 5-years of the start date.

Goals and Objectives: The primary goal of the MBA program is to equip participants with skills and competencies needed to function effectively and ethically in managerial and other roles as organization leaders in an increasingly competitive global work environment. Seven learning goals guide the MBA program; participants will learn to

1. Critically and analytically reason and solve problems
2. Communicate effectively
3. Anticipate and analyze trends in the business environment
4. Approach organizational decisions in an ethical, legal, and responsible manner
5. Operate in dynamic and complex domestic and global organizational environments
6. Demonstrate knowledge in the functional areas of business
7. Integrate theory and application from various functional areas in an interdisciplinary approach

Program Structure: MBA students benefit from the networking, team-building, and synergies created by progressing through the entire curriculum as a cohort. Participants have the opportunity to begin the program at two start dates each year – January or August – and progress as a cohort group to complete their degree in 18–21 months. The cohort class structure provides an excellent opportunity to strengthen the student's professional network.

Residency Requirements and Transfer Credits: A minimum of twenty-four (24) credits must be earned at Brescia, including the final fifteen (15) for the degree. Only six (6) credits may be transferred in *before* admission to the program. The MBA student must complete the degree within five (5) years.

- **The Cohort Model.** MBA students meet primarily face-to-face on weekends, with the possibility of an occasional online course with weekly synchronous chat sessions. Students study together throughout their program. Research indicates that the cohort model has proven to be very effective for professional development, since it provides mutual support, is experiential, and is inquiry-based.
- **Class Meetings.** Within the program, there are two possible formats for class meetings throughout the course of study: primarily or even exclusively two four-hour face-to-face sessions on alternating Saturdays (four per course) that occur approximately every two weeks, with the possibility of an occasional course in the online format, requiring a once-a-week synchronous online chat session each of the eight weeks of the course duration.
- **Course Sequence.** Each cohort moves through the program in a specific sequence to facilitate the assimilation of a large body of knowledge over an 18-to-21-month time span.
- **Course Assignments.** Each 3-credit-hour course is scheduled primarily if not exclusively around four day-long class sessions during eight weeks, with course modules separated by two to three weeks; occasionally a course will run in the online format with a one-hour once-a-week chat session. Course modules are separated by one to three weeks on average. Assignments,

readings, and other activities are delivered to students prior to class. Students are usually expected to complete assignments at home prior to the first class session, between class sessions, and after the last session.

The MBA Learning Process: The MBA degree program does not make the acquisition of theory and knowledge an end in itself. Instead, learning processes are highly diverse and focus on participant-centered learning designs that enhance the development of long-term career managerial skills and abilities; these designs include lecture/summaries, peer and team learning, simulations, management development experiences and exercises, software applications, individual and group presentations, and multiple-level writing assignments. Computer integration is applied throughout the curriculum. Clarity of both written and oral communication is a critical component. The course material and faculty members' individual styles determine the choice of teaching/learning methodology.

The comprehensive case method is also an important component. The case method is aimed at developing a student's ability to confront and solve management issues and is often cited as the most powerful pedagogic approach for developing managerial judgment. Cases are firsthand accounts of actual management situations, taking as their subject problems that stem from many interdependent factors.

The learning process is intensive and reinforces individual study with class and small group work, using participative and interactive methods. A typical learning activity in the MBA program is made up of three phases. Initially, students work individually, studying assigned materials, completing exercises, analyzing information, extracting pertinent facts, and identifying issues or concepts that require further depth of understanding. They then work in small groups to broaden their outlook by testing their opinions and drawing on the experience and viewpoints of other class members. Teamwork is a vital part of the program. Team members discuss materials, prepare assignments, and carry out projects. This teamwork fosters the development of skills in problem-solving, communication, and leadership. Finally, in the class sessions guided by an experienced faculty member, students explore new concepts and techniques, share experiences, and are challenged to present their analysis, defend their viewpoints, and propose new approaches to resolve problems. To benefit fully from the educational experience, students must commit themselves unreservedly to the process. Performance in class requires a high level of preparation in addition to assertiveness and sensitivity to other points of view.

MBA Degree Requirements: The candidate must:

- Complete all course work with a grade point average of 3.0 (B);
- Apply for candidacy after completing a minimum of fifteen (15) credit hours and before completing twenty-one (21) credit hours; and
- Earn 30 semester hours of credit and fulfill all course requirements within a maximum time limit of five years of matriculation.

***MBA Program Perquisites*:** (not for admission to the program)

a. Online Statistics module
b. Online Economics Module
c. Online Finance Module

* MBA Area of Specialization Options*:

Option 1: A Generalist Degree where students can choose three of any of the elective courses to complete their degree.

Option 2: Will allow students to get an emphasis in management, which will have them take MBA 5xx: Management and Organization Policy, MBA 516: Leadership and Business Ethics, and MBA 600: Strategic Management.

Option 3: An emphasis in finance, which will require students to take MBA 511: Managerial Accounting, MBA 513: Managerial Finance, and MBA 5xx: Financial Analysis and Valuation.

The research component will allow students to dig deeper into topics that are interesting and applicable to them, guided by the faculty member that is a content specialist in that field.

The option between practicum/thesis will become the new capstone for all the students in the program. Some students are already in professional positions where practicum experience can enhance their skill set on the job. The thesis option allows any student the ability to be able to focus more on a particular content area in order to enhance a specific skill set.

*These will be self-paced independent study modules requires of all MBA students prior to beginning their coursework. For information, students should contact the Director of the MBA program.

MBA Degree Requirements:

Required Courses:		**30 credit hours**
MBA 510	Organizational Behavior and Human Resource Management	3
MBA 511	Managerial Accounting	3
MBA 512	The Legal Environment of Business	3
MBA 513	Managerial Finance	3
MBA 514	Marketing Management	3
MBA 515	International Business	3
MBA 516	Leadership and Business Ethics	3
MBA 517	Managerial Economics	3
MBA 600	Strategic Management	3

MBA Degree Requirements

Required Core Courses	**21 credit hours**
MBA 510: Organizational Behavior and Human Resource Management	3
MBA 512: Legal Environment of Business	3
MBA 514: Marketing Management	3
MBA 515 International Business	3
MBA 517: Managerial Economics	3
MBA 6xx: Applied Research	3
MBA 6xx: Thesis/Practicum	3

MBA Electives	**credit hours**
MBA 511: Managerial Accounting	3
MBA 513: Managerial Finance	3
MBA 516: Leadership and Business Ethics	3
MBA 5xx: Financial Analysis and Valuation**	3
MBA 5xx Management and Organizational Policy	3
MBA 600: Strategic Management	3

***May not take MBA 5xx Fin Analysis & Valuation course without MBA 513 as prerequisite.*

Area of Specialization Options: **9 credit hours**

Management Emphasis:

MBA 5xx: Management and Organizational Policy	3
MBA 516: Leadership and Business Ethics	3
MBA 600: Strategic Management	3

Finance Emphasis:

MBA 511: Managerial Accounting	3
MBA 513: Managerial Finance	3
MBA 5xx: Financial Analysis and Valuation**	3

Generalist Emphasis:

MBA Elective	3
MBA Elective	3
MBA Elective	3

MBA COURSE DESCRIPTIONS

MBA 510 Organizational Behavior and Human Resource Management *3 credit hours*
Focuses on the development of skills necessary to analyze and deal effectively with individual and group problems in diverse organizations. Theories and case analyses provide guidance in decision making. Topics include motivation, job satisfaction, group dynamics, interpersonal communication, organizational culture, diversity, recruitment, compensation, organizational learning, evaluation, and change management.

MBA 511 Managerial Accounting *3 credit hours*
Examines corporate financial accounting in general and how accounting information informs management decisions. The course reviews basic concepts and accounting practices used in all aspects of management, including planning, implementation, control, and evaluation. Cost analysis for routine decision making is also discussed.

MBA 512 The Legal Environment of Business *3 credit hours*
An overview of the legal and social factors that affect the firm's strategy, survival, and competitiveness. The course focuses on guidelines and constraints that affect the firm directly or indirectly and provide its basis for dealing with its employees, other firms in the environment, and its stakeholders in general. Special attention is paid to trade regulation, anti-trust laws, employer-employee relations, labor laws, corporate responsibilities, and compliance with regulations governing the operation of business organizations.

MBA 513 Managerial Finance *3 credit hours*
Focuses on basic financial principles and practices associated with modern corporations, especially as these practices relate to planning and control. Current theories and practices related to investment decisions are discussed. Topics include risk management analysis, corporate financial accounting and budgeting, project evaluation, decision trees, acquisitions and disinvestments, and financing new ventures.

MBA 514 Marketing Management *3 credit hours*
Explores the structure and processes of marketing from a managerial perspective, with special emphasis on the manager's role in marketing decisions. Theories and practices are examined, with illustrations from case studies in product marketing through various media. Topics include strategic marketing, creating demand, product introduction, targeting, differentiation, segmentation, and supply chain management. Special attention is paid to marketing in a global marketplace.

MBA 515 International Business *3 credit hours*
Explores the nature of international business and provides insights into challenges facing multinational enterprises, especially as these relate to government regulations, cultural differences, history, and economic factors. Topics examined include trade theory, international organizations, foreign direct investment, global marketing, global strategies, technology transfer, and trade and development issues.

MBA 516 Leadership and Business Ethics *3 credit hours*
Focuses on leadership and ethical issues in a diverse workforce. This course examines theories and practices that are relevant to effective management in a dynamic business environment. Topics include leadership theories, corporate social responsibility, and interaction of business with government and society. Contemporary ethical issues and problems are considered via multiple case studies.

MBA 517 Managerial Economics *3 credit hours*
Provides a detailed analysis of how micro- and macroeconomic concepts can be applied to corporate decision making to maximize the firm's profit and enhance its ability to compete both domestically and in the global marketplace. Topics covered include basic microeconomic concepts, risk analysis, competitive pricing strategies, exchange rates, international trade, government policies, technology transfer, labor and capital movement, immigration, and regional and global trade agreements.

MBA 520 Management Organization and Policy *3 credit hours*
This course is designed to introduce concepts and theories about the factors that influence the functioning of complex organizations and to develop foundations and frameworks that can be used to analyze and solve organizational problems. This course traces the historical development of organizations, reviewing changes in organization, management and the nature of competition. Change is a pervasive feature of organizations. As the management of an organization becomes increasingly complex, the ability to analyze and respond to change is a fundamental part of effective management. This course focuses on fostering an understanding of organizational change process in order to facilitate students' abilities to influence effectively organizational change situations.

MBA 530 Financial Analysis and Valuation *3 credit hour*
Corporate Finance is a core area of finance that examines financial decisions made within firms of any type, start-up or large-cap, private or public, domestic or multinational. Each firm is faced with three key financial decisions: the capital budgeting (investment) decision, the capital structure (financing) decision, and the payout (dividend) decision. The first decision deals with identifying the set of investment projects that a firm will pursue. The second decision deals with the problem of selecting an optimal financing mix to finance the projects that a firm will pursue. The third decision is about how much of the firm's free cash flow will be returned to its shareholders, as well as the form of this payout. This course primarily covers the following: a) an in-depth-coverage of a set of fundamental techniques, tools and methodologies for financial analysis; b) a detailed exploration of the investment decision; c) financial statement analysis; and d) valuation analysis (the final third of the course). Opportunities for practice through case discussions and financial modeling exercises are included. Other course topics include risk and return, estimation of a firm's cost of capital, project analysis (investment decision), financial statement analysis, Discounted Cash Flow, Relative Valuation, Capital Cash Flow, Start-up, and Private Company Valuation.

MBA 600 Strategic Management *3 credit hours*
A Capstone course taken during the student's final semester in the program. This course is designed to apply knowledge gained from other core courses to issues of planning, formulating, and implementing business strategy. Special attention is paid to core competencies, entrepreneurship, gaining and sustaining competitive advantage, and managing change in a dynamic environment. Multiple case studies and simulation games are typically utilized as instructional tools.
Prerequisite: Approval of Graduate Director.

MBA 615 Applied Research 3 credit hour
The purpose of this course is for the student to plan, conduct, and analyze data from an original research project. Skill development includes performing literature searches, questionnaire development, data cleaning and management, data manipulation and analysis, and interception and report writing will be incorporated in the area of specialization that the student chooses. The student project will involve proposing a research question, finding and analyzing data to evaluate this question, and writing a report.

MBA 620 Thesis/Practicum 3 credit hour
This course is designed to enhance practical/professional experience for students completing the MBA. Over the course of the program, students will develop a research question and research design (when applicable), and conduct an analysis in the Applied Research course, based on either on the job experiences or areas of endeavor that they wish to explore. The Thesis/Practicum will help the students to identify and become conversant in the relevant literature and identify and work with a faculty advisor of their choosing. The course will be run as a workshop and will require significant student participation. The core of this course is to take student research from application to formal presentation and clarification of the research subject matter.

MBA FACULTY

Faculty members in the MBA degree program bring a diversity of training and experience to their profession. They are first and foremost excellent teachers, reflecting the continuing Brescia commitment to the personal and professional development of its students. They are intellectually stimulating individuals immersed in current and future management issues. They retain close links with business and industry through a rich heritage of service and outreach to the local and regional business community. The faculty's ongoing involvement with practicing business leaders and executives assists in a continuous focus on both contemporary and future business issues.

Faculty members assume several major roles with MBA candidates. As teachers, their goals are to communicate course materials clearly and develop opportunities for real world applications. As role-models, faculty work to develop their levels of self-awareness as well as personal and professional congruence. Faculty members advise and consult with candidates about professional and personal development as leaders and managers. They also engage candidates, both in and out of class, in self-development reflection and activities

MS Clinical Psychology Program Mission

The program's mission is to graduate students who will engage in clinical practice or enroll in a doctoral program in clinical psychology. The program prepares students to use research-based approaches with diverse groups, master the foundational and functional knowledge in psychological science, and apply the skills of psychometrics and compassionate clinical practice.

The Clinical Psychology Educational Outcomes (CPEOs):

1. Proficiency: Brescia clinical psychology graduates will demonstrate proficiencies in the foundational and functional competencies that establish readiness for clinical practice.
2. Life-Long Learning: Brescia clinical psychology graduates will demonstrate preparedness for life-long learning consistent with the professions of psychology.
3. Comportment: Brescia clinical psychology graduates will develop moral and ethical comportment to serve a diversity of people in a diversity of environments that prioritizes self-care appropriately.
4. Caritas: Brescia clinical psychology graduates commit to a career of serving others with strong moral character and following the APA Ethics Code.

Field Supervisor and Field Placement Form

Usually, students will need fieldwork supervision their first semester for pre-practica when they take an assessment class, and then again for fieldwork Agencies throughout program time. Matriculated students need to secure the commitment of a local, licensed psychologist, as described in section 5.3 of the Clinical Psychology Program Handbook, to serve as Fieldwork Supervisor. Faculty may be able to fill in for local students for pre-practica but this will not be possible for non-local students due to ethical, legal, and practical issues.

Once identified, students should complete the *Fieldwork Supervisor Identification Form and FERPA Consent to Release Student Information for Fieldwork* Form (Appendix B), which identifies the licensed psychologist willing to provide Fieldwork supervision at an appropriate practice location. This form will be used to contact the prospective supervisor to secure a memorandum of understanding (MOU; Appendix C) between the Psychology Department, the Fieldwork Supervisor, and the Field work Agency. Applicants having difficulty finding a Fieldwork Supervisor may ask the clinical psychology program director for assistance, however, this is the responsibility of the student. When ready for fieldwork, students will submit the Fieldwork Form with their advisor, which verifies readiness for fieldwork and is used to supply evidence of readiness to the Fieldwork Supervisor.

Due to legal, ethical, and practical reasons, students may not register for a class requiring fieldwork without filing a fieldwork application with the director showing they have demonstrated readiness for the fieldwork they plan to engage and have a contracted Fieldwork Supervisor. Students without a contracted fieldwork supervisor by the start of a fieldwork class will be automatically dropped from the class.

4.4 Course Waivers

Some students may have earned a grade of B or higher in a comparable course to a BU clinical psychology program course from another graduate program in psychology, social work, or other similar

human-services related program at an institution accredited by a recognized regional accrediting association within the past five (5) years. Students in these situations may request a waiver from the course concerning this previously learned knowledge and skills. Students will need to provide supporting documentation, including a *Request for Course Waiver Form*, confirmation of grade received, syllabus authenticated or signed by the instructor or department head of the institution to certify authenticity, and that certifier's contact information. The course waiver allows the student to substitute another course in place of taking the course that contains curriculum already learned but does not excuse the student from the total program credit hour requirement.

4.5 Course Remediations

Students with education and experiences that make them good candidates with minor issues amenable to remediation may request acceptance with a remediation plan. For example, a student earning an A or B in an undergraduate statistics course six or more years ago, or a student earning a D in an undergraduate statistics course, may request acceptance with a remediation plan that includes an undergraduate statistics class to be taken before moving on to the graduate-level statistics class.

4.6 Transfer of Credits

Students coming from other accredited clinical psychology graduate programs may request to transfer comparable courses in which they received a B prior to acceptance into this program. Courses taken at other institutions following acceptance into the program will not be accepted for transfer unless a memorandum of understanding (MOU) exists between Brescia and the other institution. Students may not transfer more than 12 hours of credit.

4.8 Authentication of Identity

Students may authenticate their identity in person by presenting a non-expired federal or state photo ID, such as a passport, visa, or state driver's license. Students living distant from campus may authenticate their identity by submitting a notarized copy of a non-expired federal or state photo ID, such as a passport, visa, or state driver's license. If a student does not have a non-expired federal or state photo ID then the student may submit a photo that complies with U.S. federal passport guidelines along with a copy of the photo that has been notarized. The purpose of the notary is to help authenticate students' identity to their picture. Notary publics can be found at courthouses, private law offices, banks, and other places. Many banks and other locations offer occasional notary services free while others charge a fee. Students having difficulty authenticating their identity are encouraged to contact the Clinical Psychology Program Director.

4.9 Criminal Background Check

Conducting a criminal background check is a basic gatekeeper responsibility shared by the Psychology Department and Fieldwork entities. Full disclosure of criminal records is expected, and the criminal background check is considered a reliable way to verify the students' disclosures. For criminal backgrounds showing behavior suggesting a risk of harm to others, including consumers of mental health services, students should be aware that many Fieldwork Agencies would neither accept students nor hire employees who pose a risk of harm to others. Students who are concerned about their history should discuss this with their advisor or the program director. To help the student mitigate concerns, a remediation plan may be developed.

The student is responsible for the cost of the criminal background check. Fieldwork Agencies and other entities have varying policies and procedures relating to criminal background checks, so to reduce the number of potential criminal background checks a student may experience, these will

be coordinated with Fieldwork Agencies. Unless otherwise stated by the Fieldwork Agency, the criminal background check will include a check for each of the student's residences, a background review for each state of residency, and a check of offender databases.

Graduate Degree Requirements

Required Courses:		**45 Credit Hours**
PSY 500	Scientific and Professional Ethics and Standards	3
PSY 510	Advanced Psychopathology	3
PSY 530	Research Methodology	3
PSY 540	Statistics, with Lab	3
PSY 550	Clinical Assessment of Intellectual Functioning of Individual	3
PSY 560	Clinical Assessment of Emotional & Psychological of Individual	3
PSY 580	Practicum in Assessment	3
PSY 600	Theories & Systems of Psychotherapy	3
PSY 670	Practicum in Psychotherapy	3
PSY 695	Master Level Internship	3
	Elective	3
One course from each of the following categories:		
1*	Biological Bases of Behavior	3
2	Cognitive-Affective Bases of Behavior	3
3	Social Bases of Behavior	3
4	Individual Differences	3

1-4*: Numbering used in course descriptions to show which category a class fits

Course Descriptions

***PSY 500 Scientific and Professional Ethics and Standards** *3 credit hours*
Students will apply the APA Ethics Code to ethical and professional issues in clinical psychology such as privacy and confidentiality; interdisciplinary and multidisciplinary relationships; dual relationships; conflicts of interest; rights and responsibilities of clients; and ethical decision making. *Prerequisites: Admission to clinical psychology program.*

***PSY 510 Advanced Psychopathology** *3 credit hours*
This course explores abnormal behavior. It addresses etiology and classification of mental disorders, with the major focus being on diagnostic criteria of the DSM and application to clinical practice. *Prerequisites: Instructor's permission.*

PSY 522 Substance Abuse and Addictions *3 credit hours*
This course is designed to review the current developments in the field of addictions, validity, and reliability of commonly used assessment tools, evaluation of treatment methods, and discussion of comorbidity issues within addiction practice. *Prerequisites: Instructor's permission.*

PSY 523 Holistic Interventions *3 credit hours*
This course explores treatment in a holistic context, incorporating culture, spirituality, and the use of expressive therapeutic tools, such as art, music, and movement, including techniques like mindfulness, meditation, yoga, and tai-chi. *Prerequisites: Instructor's permission.*

***PSY 530 Research Methodology** *3 credit hours*
This course provides instruction about experimental and quasi-experimental research designs, operational definitions of concepts, development of hypotheses, indicators of rigor, sampling, validity and reliability issues, examples of measurement instruments, and the protection of human subjects in research. *Prerequisites: Completion of three hours of undergraduate statistics or three hours of graduate completed/concurrent.*

***PSY 540 Statistics, with Lab** *3 credit hours*
This course is a graduate-level review of the knowledge of statistics in the social sciences. Students will apply statistics in the analysis of psychological data. They will use descriptive and inferential statistics. The lab will provide hands-on application of data-handling software and analysis. *Prerequisites: Completion of three hours of undergraduate statistics.*

***PSY 550 Clinical Assessment of Intellectual Functioning of the Individual** *3 credit hours*
This course will teach the use of structured interview techniques and standardized measurement instruments to gather information and formulate impressions of cognitive functioning that inform treatment decisions. *Prerequisites: Admission to the clinical psychology program.*

***PSY 560 Clinical Assessment of Emotional and Psychological Functioning of the Individual**
3 credit hours. In this course, students will develop skills of engagement, therapeutic rapport, clinical interview techniques, and standardized instruments to gather information and formulate impressions of emotional and psychological functioning that inform treatment decisions. *Prerequisites: Admission to the clinical psychology program.*

PSY 570X Psychopharmacology [1] *3 credit hours*
This course explains the physiology associated with major medical and psychological disorders and the effect of psychopharmacology on neurocognitive functioning and psychological health. *Prerequisites: Instructor's permission.*

***PSY 580 Practicum in Psychological Assessment** *3 credit hours*
Students will receive supervision and clinical training from clinical psychology program faculty as they complete 150 clinically supervised fieldwork hours in psychological assessment at a program-contracted fieldwork site. Fieldwork sites provide site supervision and training in which 50% is provided by a doctoral-level licensed health service psychologist. *Prerequisite: Readiness for practicum and concurrent or previous completion of PSY 510 and either PSY 550 or PSY 560.*

***PSY 600 Theories and Systems of Psychotherapy** *3 credit hours*
In this course, students will develop advanced understanding of theoretical approaches to counseling and psychotherapy, including fundamental concepts, assessment, client and counselor roles, cultural relevance, and intervention strategies/techniques. There will be an emphasis on empirically supported approaches (e.g., CBT) and discussion of contraindicated approaches (e.g., conversion therapy). *Prerequisites: Instructor's permission.*

PSY 610 Biological Psychology [1] *3 credit hours*
Biological psychology provides a study of the intersection between mind, body, and environment from genetic, epigenetic, biological, and developmental contexts. This course relates psychology to biology toward applicability to the ethical practice of clinical psychology and other psychological considerations.

PSY 620 Respecting Diversity [3 or 4] *3 credit hours*
This course examines influences of culture and diversity on the understanding and practice of clinical psychology. Diversity includes not only culture and gender, but also age, geographical location, social class, sexuality and other dimensions. Relevant clinical issues include cultural identity, testing and diagnostic assessment of culturally diverse clients, and psychotherapy issues. *Prerequisites: Instructor's permission.*

PSY 624 Social Psychology [3] *3 credit hours*
This course introduces major concepts of social behavior. The objective of the course is to provide knowledge of how thoughts, feelings, and behavior of the individual are influenced by the presence of others. *Prerequisites: Instructor's permission.*

PSY 632 Advanced Adult Development[4] *3 credit hours*
This is an advanced survey of theories, methods of inquiry, and research relevant to human psychological development, from young adulthood through older adulthood, in biological neurological, cognitive, social, and emotional domains. *Prerequisites: Instructor's permission.*

PSY 633 Advanced Child Development [4] *3 credit hours* This course offers an advanced survey of the theories, methods of inquiry, and research relevant to human psychological development, from birth to adolescence, in biological, neurological, cognitive, social, and emotional domains. *Prerequisites: Instructor's permission.*

PSY 640X Learning Theory [2] *3 credit hours*
Learning theory reflects the interactions between living organisms and environments that lead to lasting changes in those organisms, including neurological processes, reflex, instrumental conditioning, memory, cognitivism, constructivism, and relevance to cognitive therapies.

PSY 650 Psychotherapy and Intervention I *3 credit hours*

In this course, students apply the selection, evaluation, and application of empirically supported interventions, including CBT and TLTD. Explores the use of telehealth.

PSY 660 Psychotherapy and Intervention II *3 credit hours*

In this course, students apply the selection, evaluation, and application of empirically supported interventions, including group therapy, marriage & family therapy; and assertive community treatment. *Prerequisites: Instructor's permission.*

PSY 665X Advanced Topics in Clinical and Abnormal Psychology [4] *3 credit hours*
Advanced Topics in Clinical and Abnormal Psychology explores assessment and treatment approaches for a variety of advanced topics in abnormal psychology. *Prerequisites: Director's permission.*

***PSY 670 Practicum in Psychotherapy** *3 credit hours*
Clinical psychology program faculty will provide supervision and training as students complete 150 clinically supervised fieldwork hours in psychotherapy at a program-contracted fieldwork site. Fieldwork sites provide site supervision and training in which 50% is provided by a doctoral-level licensed health service psychologist. *Prerequisite: Readiness for practicum and concurrent or previous completion of PSY 600.*

PSY 690 Master Project/Thesis *3 credit hours*

This course requires an intensive research experience that allows students to construct and carry out their own research project as either an original study or a replication of a previously reported study, under the guidance of a Psychology faculty member. The final product should be a thesis that demonstrates a superior grasp on the process and outcomes of performing a research study. *Prerequisites: Director's permission.*

***PSY 695 Master Level Internship** 3 *credit hours*

The 150 hour Psychology Master's Level Internship is designed to provide student with a fieldwork experience that requires the student to integrate the clinical psychology program's training in a work setting that allows them to demonstrate proficiency in assessment and therapy in an ethical manner while promoting further growth in professional development and specialization. *Prerequisites:PSY 580, 670; student liability coverage $1M/$3M; program readiness determination; fieldwork placement at an approved site.*

MASTER OF SOCIAL WORK (MSW)

The Marilyn Younger Conley School of Social Work at Brescia University through its Master of Social Work program prepares social workers to use specialized skills to address the complex problems of people and their communities, through respect and partnership, service to others, and valuing the dignity and unique gifts of all people. They help people and their communities change in ways that improve their life conditions and honor their hopes and dreams.

GOALS AND OBJECTIVES

Our mission is to not only teach students specialized skills, but to apply those skills in such a way that service recipients feel respected and cared about. The MSW Program goals are influenced by an ethic of care (Gilligan, 1982), caring theory (Eriksson, 2001), and caritas processes identified by Watson (2007), and blended with social work values to develop our program goals.

To prepare professional social workers who will

a. Embrace humanistic-altruistic values by practicing with care, compassion, and kindness within a context of professional social work.
b. Develop positive, constructive, professional relationships with people from diverse groups, instilling the belief that change is possible and honoring their different belief systems.
c. Engage in the helping process through partnerships with clients and client systems, and by being authentically present in their interactions.
d. Conceptualize the broader implications of current practice situations and take action to influence policies that contribute to social, economic, spiritual, and environmental justice.
e. Use evidence-based practice, critical thinking, and creativity to accurately assess and intervene with clients facing complex problems in multi-system settings.
f. Practice in an ethical and professional manner, guided by the NASW Code of Ethics, jurisdictional laws, an ethic of care, accepted professional standards, agency policies, and the need for accountability to stakeholders.
g. Intervene in ways that help clients get their basic needs met, improve their life conditions and honor their self-determination, at micro, mezzo, and macro levels.
h. When empirical evidence is absent, engage in scientific inquiry to advance knowledge-building in the profession, while remaining open to spiritual unknowns.

Social workers who complete the program will be able to demonstrate the nine competencies for practice identified by the Council on Social Work Education (CSWE).

i. Demonstrate ethical and professional behavior.
ii. Advance human rights and social, racial, economic, and environmental justice.
iii. Engage in anti-racism, diversity, equity, and inclusion (ADEI) in practice.
iv. Engage in practice-informed research and research-informed practice.
v. Engage in policy practice.
vi. Engage with individuals, families, groups, organizations, and communities.
vii. Assess individuals, families, groups, organizations, and communities.
viii. Intervene with individuals, families, groups, organizations, and communities.
ix. Evaluate practice with individuals, families, groups, organizations, and communities.

Upon acceptance into the MSW program, students must complete the following before they will be allowed to register for classes.

- A non-expired photo ID (a copy, do not send original) (NOTE: If you do not have access to a photo ID, please let the Director of the MSW Program know this and we will discuss possible alternative forms of identification. It is not our intention to exclude specific applicant groups. Because this is an online program, we are merely trying to authenticate student identity;

TRANSFER CREDITS: The MSW program may accept transfer credits under certain circumstances. Transfer credit requests will be considered as follows:

TRANSFER OF CREDITS FROM NON-CSWE-ACCREDITED PROGRAMS:
A student may request the transfer of up to six (6) graduate credit hours into the MSW Program. Transfer courses must be reasonably equivalent to, and substitute for, Generalist-level courses; or they may be accepted as elective credits. Only courses in which the student received a B grade or higher are eligible for transfer. Equivalency is evaluated on a course-by-course basis and accepted upon the recommendation of the MSW Program Director based upon the following criteria: 1) official transcript; 2) course syllabi which include the name of the school, instructor's name, instructor's degree, course content, student learning objectives, and methods of assessment; and 3) course grade of A or B. The program does not accept field education or practice course transfer credits from non-CSWE-accredited programs.

TRANSFER OF CREDITS FROM CSWE-ACCREDITED PROGRAMS:
Students who have completed some graduate courses in a CSWE-accredited MSW program may request to have up to 27 credits transferred, with no more than six (6) of those 27 credits substitution for Specialization-year courses. Transfer courses must be reasonably equivalent to Brescia MSW courses; or they may be accepted as elective credits. Equivalency is evaluated on a course-by-course basis and accepted by the MSW Program Director and faculty based upon the following criteria: 1) official transcript; 2) course syllabi which include the name of the school, instructor's name, instructor's degree, course content, student learning objectives, and methods of assessment; and 3) course grade of A or B.

TRANSFER OF GENERALIST-YEAR CREDITS EN MASSE:
Most MSW programs offer Generalist-level courses in the first year and specialization courses in the second year. However, Generalist programs are seldom, if ever, identical. A student who has completed an entire Generalist-level curriculum in a CSWE-accredited MSW program may request transfer of the entire Generalist year's credits, *en masse,* without the courses being identical to Brescia's Generalist-level year. However, in this instance the following must be met:

a. A review of the official transcript reveals a CSWE-accredited Generalist curriculum comparable to Brescia's Generalist year that, according to the MSW Program Director and faculty, substantially prepares graduate students to begin the Specialization year by teaching Generalist competencies.
b. Students will not repeat courses in the Specialization year that have been accepted for transfer. In some cases, students may need to take additional electives in the Specialization year. The courses accepted for transfer *en masse* must not interfere with the integrity and rigor of Brescia University's Specialization year in the judgment of the MSW Program Director and faculty.
c. Students may be asked to take MSW 600 as their elective in the Specialization year.
d. The student earned a grade of A or B in all Generalist-year courses.
e. A Final Field Evaluation documents at least 400 field hours and demonstrates social work competencies at an acceptable level. The sending program's Director of Field may be contacted for clarifications and questions.
f. All course syllabi, which include the name of the school, instructor's name, instructor's degree, course content, student learning objectives, and methods of assessment, are reviewed.
g. The sending program must be accredited or otherwise approved by CSWE.

h. The MSW Program Director of the sending school must verify that the student is in good academic standing at that school, understands and follows the NASW Code of Ethics, and has the writing skills necessary for graduate school. "Good academic standing" is defined as a) not being on academic probation, and b) maintaining a 3.0 GPA in graduate courses.

FIELD EDUCATION:
The program strongly prefers that field education requirements be completed at Brescia University. However, transfer of credits for field education requirements from a CSWE-accreditated institution will be considered. In all cases, students must complete MSW 690 Field 4 and Seminar at Brescia University.

RESIDENCY REQUIREMENT: Students must complete a minimum of 24 credits from the Specialization year at Brescia University to graduate. In rare instances, students may request an exception by contacting the Marilyn Younger Conley School of Social Work

MSW DEGREE REQUIREMENTS: The candidate must

ii. Complete all course work with a grade point average of 3.0 (B)
iii. Complete all field education requirements
iv. Earn 60 hours of credit (or 30 hours of credit for advanced standing students)

+MSW PROGRAM CONTENT

Required Courses: Students complete 60 credit hours in two years (4 semesters). Students admitted to advanced standing complete only the courses in Year 2, which totals 30 credit hours.

MSW COURSE DESCRIPTIONS

MSW 500 Ethical Decision Making in Social Work *3 credit hours*
This course provides students with an exploration of values, ethical issues, and theory, and teaches the use of a systematic decision making process to resolve ethical dilemmas. Students will apply this process to practice issues with individuals, families, groups, organizations, and communities.

MSW 509 Social Work in Criminal Justice (*dual listed as SW 309)* *3 credit hours*
This course is designed to familiarize students with the criminal justice system from the perspectives of professional social work and other stakeholder groups. Students will learn the various roles of social workers in the criminal justice setting. They will explore the dynamics of the system, while considering the core values of the social work profession and evidence-based practice with individuals, families, groups, organizations, and communities who find themselves involved in the criminal justice process.

MSW 510 Human Behavior in the Social Environment *3 credit hours*
This course examines the theoretical underpinnings for understanding the bio-psycho-social-spiritual dimensions of human development across the life cycle. Social and economic marginalization of groups will be discussed, as well as values and ethical issues. Students will use conceptual frameworks to inform understanding of people and their social environments.

MSW 512 Death and Dying (*dual listed as SW 312)* *3 credit hours*
The study of death and dying in American society; changes in attitudes and norms; future trends; services to clients and families. Course may be taken as either undergraduate or graduate elective but not in both programs.

MSW 520 Professional Writing and Documentation *2 credit hours*
Students will develop written communication skills necessary in a variety of micro, mezzo, and macro practice settings. They will learn to effectively and professionally write documents that are necessary in a changing environment of regulatory requirements, risk of legal liability, and funding source requirements.

MSW 530 Practice with Individuals, Families, and Groups *3 credit hours*
This course provides the foundation for social work practice with individuals, families and groups. It teaches practice skills using a problem-solving process underpinned by ethic of care theory. Special emphasis will be given to engaging, assessing, planning with, and evaluating individuals, families, and groups of diverse populations.

MSW 540 Field 1 and Seminar *3 credit hours*
This seminar course, the first in a series of four, gives students a chance to integrate the theoretical knowledge, values, and abilities they are learning in the classroom within the dynamic context of a human services agency. Self-awareness; professional use of self; empathy and genuineness; identification with social work values; professional, ethical behavior; and the effect of social welfare policies upon clients will be examined. Students must complete 150 clock hours–approximately two days per week for 10 weeks. Proof of professional liability insurance is required prior to beginning the practicum.

MSW 541 Child Abuse & Neglect (*dual listed as SW 400)* *3 credit hours*
This course is designed to provide a comprehensive introduction to child abuse and neglect from a social work perspective. Social workers in all professional work settings must know how to identify child maltreatment and domestic violence. Students will learn the family dynamics and indicators of maltreatment and effective interventions on the micro and macro level. Additionally, students will learn the extent of the problem, its effects on children, treatment issues, the social worker's role in a multidisciplinary team approach, and how to advocate for individuals and families.

MSW 550 Social Work Research Methods *3 credit hours*
This course introduces the scientific approach to knowledge building and how it applies to practice. Students will learn about the formulation of research questions/hypotheses, operational definitions of research constructs, IRB approval, sampling methods, experimental and quasi-experimental designs, threats to validity, statistical methods, quantitative and qualitative inquiry, data analysis and research report writing. Students will also be introduced to community needs assessments and program evaluation.

MSW 560 Practice with Organizations and Communities *3 credit hours*
This course addresses the development and implementation of community-level interventions that promote social justice and inclusive communities and are sensitive to issues of diversity. It introduces macro practice theories and models and uses a systems perspective for understanding organizational and community change, in combination with an ethic of care. It prepares students for advanced practice within a broad array of community systems.

MSW 570 Social Welfare and Policy Practice *3 credit hours*
Fundamental concepts and theories of social welfare policy are examined. The competing values and beliefs that influence social welfare policy are discussed and analyzed. An overview of the history of social welfare policy in the United States is explored. Social welfare policies and programs are examined within the context of the associated social problems. The themes of poverty, racism, sexism, homophobia, and other forms of oppression are addressed.

MSW 580 Psychopathology *3 credit hours*
This course will introduce students to major mental disorders using the Diagnostic and Statistical Manual of Mental Disorders as the organizing framework. Students will learn differential diagnostic skills within the context of biopsychosocial-spiritual influences and ethno-cultural differences. Students will learn about psychopharmacological treatments and the role of medications in the therapeutic process. *Prerequisite: Completion of generalist year or admission to advanced standing.*

MSW 590 Field 2 and Seminar *4 credit hours*
This seminar course, the second in a series of four, gives students a chance to discuss the issues and dilemmas they face in the second-semester field placement. This course emphasizes the further integration of foundational practice skills with clients in a field agency. Engaging people from diverse groups, assessment, service planning, and evaluation will be emphasized. Students must complete 250 clock hours – approximately two days per week for 15 weeks.

MSW 600 The Intersection of Poverty, Human Rights, and Caritas *3 credit hours*
This course explores the social justice concerns associated with poverty and protections of human rights using a philosophy of caritas and a moral framework of the ethic of care. Students will learn how to synthesize, integrate, and translate the philosophy, values, ethics, and ethic of care as a context for social work practice. They will identify and initiate actions that improve the life conditions of people who are poor.

MSW 620 Appreciation of Diversity and the Dynamics of Oppression *3 credit hours*
This course will examine how power and other dynamics manage and sustain oppression at the individual and institutional levels. Students will learn about the adaptive capabilities and strengths of marginalized groups and how such capabilities and strengths can be used in culturally competent social work practice. *Prerequisite: Admission to the MSW program; course usually taken during second semester of first or generalist year.*

MSW 630 Cognitive Behavioral Therapy *3 credit hours*
This course presents the theoretical basis of cognitive behavior therapy, the principles of this therapeutic approach, its use in the context of brief treatment and managed care, and the associated techniques for promoting the behavior change process.

MSW 641 Clinical Social Work with Children and Families *3 credit hours*
This course will use a social constructionist perspective to frame the conceptualization of problems experienced by children and families. Students will learn about the assessment and treatment of children and their families experiencing trauma through circumstances such as divorce, remarriage and the consequent formation of step-relationships, alcoholism and drug abuse, child abuse, family violence, etc.

MSW 642 Organizational Leadership *3 credit hours*
This course prepares students to perform leadership functions in public, nonprofit, and faith-based human service organizations. The philosophy, principles and methods of leadership, supervision, funding, and human resource development are covered. Attention is given to agency structure, governance, and linkage to a community-wide service delivery system.

MSW 643 Spiritual Issues in Later Life (*dual listed as SW 443)* *3 credit hours*
This course helps students develop culturally competent skills for working with and understanding the spiritual worlds of older adults. Students will review theory related to faith development, as well as evidence-based practices. They will develop skills to assess and respond competently and ethically to the diverse spiritual and religious perspectives of adults in later life.

MSW 644 Caritas in Action *3 credit hours*
This course prepares students to manage a grassroots campaign that addresses humanitarian crises, in the spirit of caritas – to serve the poor and to promote charity and social and economic justice. Domestic and/or international travel will be required and requires 100 face-to-face contact hours in the host agency.

MSW 646 Introduction to Telemental Health *3 credit hours*

Students will learn about the basic concepts related to telemental health and how it is used within clinical social work. Students will evaluate how using technology at their agencies could benefit the clients with whom they work. At the conclusion, they will feel prepared to approach their agency administrators to propose a plan for implementing or expanding the use of telemental health practice.

MSW 649 Disaster Mental Health *3 credit hours*

The primary purpose of this course is to provide students with specific information about the psychosocial effects of All Hazards disasters and other public health emergencies, and best practice for all levels of social work response. Emphasis is placed on the relationship between theory and practice, and practical application of intervention techniques for disaster, terrorist events and public health emergencies. Cultural diversity and ethical issues related to disaster work are also addressed. Opportunities for research, advocacy, and program development are explored.

MSW 650 Field 3 and Seminar *4 credit hours*

This seminar course, the third in a series of four, provides students with the opportunity to apply specialized macro practice skills that are necessary for a Master's level social worker in today's world. This course emphasizes specialized knowledge, values, skills, cognitive and affective processes, and behaviors necessary at the Master's level. Students must complete 250 clock hours – approximately two days per week for 15 weeks. *Requirement: Taken concurrently with MSW 660: Applied Research.*

MSW 660 Applied Research *3 credit hours*

Students will apply a research design that contributes to the knowledge base of the profession. The focus of this course will be on the collection and analysis of data using statistical processes and dissemination of findings that improve practice, policy, and service delivery. *Requirement: Taken concurrently with MSW 650: Field 3 and Seminar.*

MSW 670 Advanced Policy Practice *3 credit hours*

This course gives students the opportunity to engage in policy advocacy to improve the resources and opportunities for marginalized groups of people within their own communities. Students will learn the skills, tasks, and competencies that are needed to bring about policy changes

MSW 680 Motivational Interviewing for Addictive Behaviors *3 credit hours*

This course presents the theoretical basis of motivational interviewing (MI), the principles of this counseling approach, and the key strategies for promoting the behavior change process.

MSW 690 Field 4 and Seminar *4 credit hours*

This seminar course, the last in a series of four, provides students with the opportunity to apply specialized micro and mezzo practice skills that are necessary for a Master's level social worker in today's world. This course emphasizes specialized knowledge, values, skills, cognitive and affective processes, and behaviors necessary at the Master's level. Students must complete 250 clock hours – approximately two days per week for 15 weeks.

MSW 699 MSW Capstone Project *1 credit hour*

This course gives students the opportunity to integrate the knowledge, skills, and abilities that they have developed throughout the program. Students will select a topic and investigate the micro, mezzo, and macro practice implications for a specific population within their community. They will create a final product that culminates in the application of what they have learned in the MSW program.

MASTER OF SCIENCE SPEECH LANGUAGE PATHOLOGY

The mission of the Speech-Language Pathology graduate program is to provide professional-level education in the Ursuline tradition that allows students to enter the rewarding career of Speech-Language Pathology as competent clinicians and lifelong learners whose work brings compassionate service to others and a sense of purpose and satisfaction to themselves.

The explicit curriculum is the program's formal educational structure. It includes both classroom and Practicum education. Classroom courses are delivered online using synchronous and asynchronous technologies. Every course requires some type of synchronous participation via a webcam and microphone. Practicum education will likely take place in the student's community or nearby community. A minimum of two faculty observations of clinical work, completed through distance technology, must be completed at two different practicum placements.

SPEECH-LANGUAGE PATHOLOGY DEGREE REQUIREMENTS:

a. Complete all course work with a grade point average of 3.0 (B);
b. Earn a minimum of 60 hours of credit and complete all course and Practicum requirements;
c. Earn an A or B in all courses;
d. Pass a portfolio assessment (summative assessment) in the fourth semester;
e. Submit all clinical and observation hours with a minimum of 25 observation hours and 375 clinical hours. Of the 375 hours, 75 or 20% may be completed via simulations;
f. Pass all knowledge and skill acquisition (KASA) competency tasks affiliated with
g. credentialing standards as specified in course syllabi and as tracked through the Calipso software program (this is considered a summative assessment);
h. Meet breadth and depth requirements of the clinical experience as evidenced in the clinical clock hour tracking in Calipso, by meeting the minimal thresholds of clinical hours in low incidence areas, and by passing the breadth and depth portion of the portfolio assessment process;
i. Meet the CAA professional practice competencies skill areas as evidenced by successful progression through the program and by the summative portfolio assessment;
j. Meet the standards for the CCC-SLP credential as stated below.

The Council for Clinical Certification in Audiology and Speech-Language Pathology (CFCC) is the credentialing body of the American Speech-Language-Hearing Association (ASHA). The CFCC defines the standards for clinical certification of speech-language pathologists. The degree candidate must meet the following CCC standards (effective in 2020) as part of the degree requirements. These standards are built into the program through: admission requirements (prerequisite courses), graduate course content, practicum education, competency assessment tracking on knowledge and skill acquisition (KASA) standards through the Calipso software program, the portfolio assessment, and the breadth and depth portion of the portfolio review.

Clinical Hours
Completion of a minimum of 400 clock hours in Practicum education is not negotiable. The 400 hours must include 25 guided observation hours. The 25 guided observation hours may be transferred in from prerequisite work or from a student's undergraduate degree. Up to 75 hours of the 375 patient contact hours (or 20% of total practicum hours) can be completed via clinical simulations. Up to 50 clinical hours (of patient contact time) may be transferred a student's undergraduate studies. Students must make up any clinical hours missed to complete the requirement, even with the presence of extenuating circumstances.

Formulation of the Curriculum
At the program's onset, the curriculum was developed by the Speech-Language Pathology Program Director; reviewed by the Academic Dean, Direct of Institutional Research and Effectiveness, and President's Chief of Staff; and approved by the Curriculum and Standards Committee. The curriculum was designed to help students develop and obtain competence in the big nine content areas identified by CAA, to meet credentialing requirements for the Certificate of Clinical Competence (CCC) and to meet competency in the CAA's professional practice competency areas. The CCC is a national credential governed by the American Speech-Language-Hearing Association (ASHA). Clinicians can earn this credential through the successful completion of ASHA's clinical fellow program. This clinical fellow period occurs post-graduation. Elective courses were formed by identifying emerging areas of interest and specialty within the profession.

Planned Course of Study
The Speech-Language Pathology Program traditionally runs in four semesters, with enrollment beginning in August of each calendar year. Students follow a fall-spring, fall-spring, four semester cycle. Students may opt to take one or two elective courses in the summer semesters between year one and year two. This summer semester is optional. Electives can be taken during the third and fourth semester in lieu of a summer semester.

Semester 1: 15 hours

SLP 500 Speech Sound Disorders	3 credits
*SLP 501 Observations in Speech-Language Pathology	1 credit
SLP 505 Research Methods	3 credits
SLP 510 Early Intervention	3 credits
SLP 520 Seminar in Child Language	3 credits
SLP 530 Fluency Disorders	3 credits

*For students who enter the program without 25 observation hours

Semester 2: 15-16 hours

SLP 540 Augmentative and Alternative Communication	3 credits
SLP 550 Clinical Methods and Clinical Practicum I	3 credits
SLP 560 Voice Science and Disorders	3 credits
SLP 565 Dysphagia	3 credits
SLP 570 Motor Speech Disorders	3 credits
*SLP 580 Thesis I (optional)	1 credit

Semester 3: 15-16 hours

SLP 600 Pediatric dysphagia	3 credits
SLP 610 Aphasia	3 credits
SLP 620 Cognitive Aspects of Communication	3 credits
SLP 630 Clinical Practicum II	3-4 credits
*SLP 670 Thesis II (optional)	1 credit
Elective	3 credits

Semester 4: 15-17 hours

SLP 635 Clinical Practicum III	3-4 credits
SLP 640 Audiology and Aural Rehabilitation Topics for the SLP	3 credits
SLP 650 Education and Healthcare Topics for the SLP	3 credits
SLP 660 Professional Issues in Speech-Language Pathology	3 credits
*SLP 675 Thesis III (optional)	1 credit
Elective	3 credits

Two electives required: 6 credit hours

SLP 680 Seminar in Private Practice	3 credits
SLP 690 Advanced Seminar in Orofacial Myology	3 credits
SLP 685 Seminar in Literacy	3 credits
SLP 695 Seminar in Autism	3 credits
MSW 512 Death and Dying	3 credits
SLP 599 Independent Study	3 credits

Other:

SLP 545 Professional Competency in Speech-Language Pathology (remediation course)	1-3 credits

Course Descriptions

SLP 500 Speech Sound Disorders 3 credit hours

This course covers acoustic characteristics of speech sounds, speech sound development, diagnostics, therapeutic interventions, prevention, and cultural competence. Disorders covered include motor-based speech sound disorders, phonological disorders, inconsistent speech sound disorder, and childhood apraxia of speech. This course includes an introduction to orofacial myology and accent reduction.

SLP 501 Clinical Observations in Speech-Language Pathology 1 credit hour

This course is required for students who did not complete 25 observation hours through an undergraduate program or through prerequisite course work. Students will complete 25 observations hours with fully licensed, ASHA certified SLPs through onsite observations, through the online platform Master Clinician, or through a combination of those modes.

SLP 505 Research Methods 3 credit hours

This course teaches students to be critical consumers of research. Students learn to locate scholarly research articles, to critique research, to identify independent and dependent variables, and to identify and explain research design. Students learn to identify research by levels of evidence, from levels of

systematic reviews and randomized controlled trial studies to levels of poorly designed case studies and reports based on expert opinion.

SLP 510 Early Intervention 3 credit hours

This course covers Part C of the Individuals with Disabilities Education Act, the Individualized Family Service Plan (IFSP), a survey of early intervention systems across states, early childhood speech and language development, evaluation and therapeutic techniques for the birth to age three population, prevention of language disorders in this population, and service delivery models. Service delivery model topics include consultation, collaboration, coaching, direct and indirect intervention. Early communication topics include prelinguistic communication and paralinguistic communication.

SLP 520 Seminar in Child Language 3 credit hours

This course covers child language development, evaluation, and treatment of language disorders in children ages three to twenty-one. Topics include: receptive and expressive language, phonology, morphology, syntax, semantics, pragmatics, gestures, literacy, and language modalities. Social aspects of communication, including challenging behavior, ineffective social skills, and lack of communication opportunities are covered. Students learn to be critical consumers of standardized language testing products.

SLP 530 Fluency Disorders 3 credit hours

This course covers fluency disorders across the lifespan. Students learn to diagnose, treat, and provide counseling for those with fluency disorders. Diagnoses include developmental stuttering, persistent stuttering, acquired stuttering, psychogenic stuttering, and cluttering.

SLP 540 Augmentative and Alternative Communication 3 credit hours

This course explores adaptive and assistive technologies and modalities, and strategies to promote language and communication. Topics include assessment, program development, use and evaluation of technologies, and collaborative problem solving.

SLP 545 Professional Competency in Speech-Language Pathology 1-3 credit hours

This is not a required course, but a remedial course that can be assigned to students who fail (or need to complete competency assessments due to extenuating or rare circumstances).. To succeed in the graduate program, students must succeed within a dual system of course grades and competency assessments. Competency assessments occur in required courses and in the final semester of the program through a portfolio assessment. If a student fails any competency assessment on knowledge and skill acquisition (KASA) standards, faculty members may assign remedial coursework in a knowledge and/or skills area. Remedial coursework is designed specifically for the student on a student support plan document. Remedial coursework is completed in order to improve the student's ability to pass a subsequent competency attempt.

SLP 550 Clinical Methods and Clinical Practicum I 3 credit hours

In this clinical preparation course, introductory topics for the work setting are covered. These include: ethics and professional conduct, evidence-based practice principles, universal precautions, blood borne pathogens, patient confidentiality, principles of supervision in speech-language pathology, patient counseling and interviewing, diversity issues when working with diverse populations, and an introduction to clinical documentation processes. Students complete their first practicum placement, which is a part-time practicum of 75 patient contact hours in the second half of the semester. The placement occurs in a pediatric setting.

SLP 560 Voice Science and Disorders 3 credit hours

This course teaches students anatomy and physiology of the larynx related to voice function including respiration, phonation, resonance, and articulation. Students learn about perceptual voice assessment,

videostroboscopic evaluations, aerodynamic and acoustical measurements, voice facilitation exercises, and collaboration with otolaryngology professionals.

SLP 565 Dysphagia 3 credit hours

This course covers normal and disordered swallowing of the oral, pharyngeal, and esophageal stages. Laryngeal function, pulmonary issues, and gastrointestinal issues are discussed. Students learn how to diagnose and treat disorders of swallowing, especially in the adult population. Topics include anatomy and physiology of the swallowing mechanism, bedside swallowing evaluations, visualization instruments, manual exercises, neuromuscular electrical stimulation, deep brain stimulation, thermal-gustatory stimulation, and the Frazier water protocol. Students learn about medical conditions related to dysphagia. This course includes an introduction to orofacial myology and feeding disorders.

SLP 570 Motor Speech Disorders 3 credit hours

This course covers adult apraxia of speech, types of dysarthria, and related neurological disorders. Students learn relevant anatomy and physiology related to motor speech disorders and relevant cranial nerve examination procedures. Students learn how to provide a differential diagnosis of dysarthria and apraxia. Students learn restoration and compensation approaches for motor speech disorders.

SLP 580 Thesis I 1 credit hour

This course is an elective course for students completing the thesis option. The first stage of the thesis process involves narrowing a topic of interest, collecting information, and organizing information for a literature review. An edited, finalized literature review is completed.

SLP 599 Independent Study 3 credit hours

This elective course designates a field of study that is not part of the regular curriculum. It is generally offered based on student interests and needs. Prerequisite: Submission and approval of "Application for Admission to Independent Study."

SLP 600 Pediatric Dysphagia 3 credit hours

This course covers feeding and swallowing disorders of children from infancy to adolescence. Topics include normal feeding and swallowing milestones, atypical feeding and swallowing development, medical disorders related to pediatric feeding and swallowing disorders, and prevention of feeding and swallowing disorders. Students learn how to evaluate, treat, and provide interdisciplinary services for these disorders.

SLP 610 Aphasia 3 credit hours

In this course, students learn how to provide a differential diagnosis of aphasia, and how to treat aphasia through compensation and restoration therapeutic techniques. Topics include related medical conditions including stroke and head injury.

SLP 620 Cognitive Aspects of Communication 3 credit hours

In this course, students learn about the assessment and treatment of cognitive-linguistic disorders and their related medical conditions. Topics include dementia, brain injury, and neurologic disorders. Cognitive aspects of communication includes attention, memory, sequencing, problem solving, and executive functioning.

SLP 630 Clinical Practicum II 3-4 credit hours

In clinical practicum II, students complete 125-150 clinical hours evaluating and treating patients in a supervised pediatric setting. Students will complete assigned readings, discussions, and projects to support their clinical learning experiences.

SLP 635 Clinical Practicum III 3-4 credit hours
In clinical practicum III, students complete 125-150 clinical hours evaluating and treating patients in a supervised geriatric setting. Students will complete assigned readings, discussions, and projects to support their clinical learning experiences.

CSD 640 Audiology and Aural Rehabilitation Topics for the SLP 3 credit hours
This course explores the latest research in hearing science, audiometry, aural habilitation, and rehabilitation. Topics include hearing assessments, hearing aids, cochlear implants, classroom acoustics, oral and manual approaches to communication, the impact of hearing loss on speech and language development, and collaboration among professionals for patients with hearing loss.

SLP 650 Education and Healthcare Topics for the SLP 3 credit hours
This course covers legalities relevant to the practice of speech-language pathology in education and healthcare settings. Topics include laws, regulations, due process, documentation, and payer systems.

SLP 660 Professional Issues in Speech-Language Pathology 3 credit hours
This course covers professional issues as well as advocacy and leadership topics for the future speech-language pathologist. Students will identify and research current trends and issues within the Practicum of speech-language pathology and develop actions plans. Students will learn principles of leadership, complete a self-assessment, and develop an action plan related to their growth in leadership skills.

SLP 670 Thesis II 1 credit hour
This is an elective course for students completing the thesis option. In this stage, students submit a finalized methodology section of the thesis paper. It includes a discussion of potential participants, how participants will be recruited, informed consent forms, any instruments used, what data will be collected, how data will be collected, and how data will be analyzed. The project will be submitted to Brescia University's IRB for approval.

SLP 675 Thesis III 1 credit hour
This is an elective course for students completing the thesis option. In this stage, students collect the data and complete the analysis, results, and discussion sections of the paper.

SLP 680 Seminar in Private Practice 3 credit hours
This is an elective and advanced course in business aspects of private practice. Topics include business structure, policies and procedures, business filing, networking with insurance, marketing, electronic medical records, referral processes, and payer systems.

SLP 685 Seminar in Literacy 3 credit hours
This is an elective and advanced course in literacy. This course explores the latest research in literacy assessment and intervention as well as the SLP's expanded role in literacy.

SLP 695 Seminar in Autism 3 credit hours
This is an elective and advanced course in autism. This course explores the latest research in autism related to its diagnosis and treatment, especially those interventions related to the practice of speech-language pathology.

SLP 690 Advanced Seminar in Orofacial Myology 3 credit hours

This is an elective and advanced course in orofacial myology. This course offers an advanced exploration of how structure and function relates to the development and remediation of speech and swallowing disorders.

MSW 512 Death and Dying 3 credit hours

This course explores death and dying in American society, changes in attitudes and norms, future trends, and service to clients and families. This is a dual-listed course offered to undergraduate and graduate students simultaneously.

MASTER OF SCIENCE IN INFORMATION SYSTEMS (MSIS)

The MSIS online degree is structured to accommodate the needs of working professionals and those seeking a high-quality, engaging learning experience in a flexible format. The core curriculum consists of six foundational courses that cover key concepts and principles in information systems. Students can further specialize in one of three concentrations: Information Security, Data Analytics, or Artificial Intelligence, each consisting of three additional courses tailored to develop in-depth expertise in the chosen area.

Throughout the program, students will gain practical, hands-on experience in designing, implementing, and evaluating information systems solutions that address the diverse needs of organizations across various industries. The program emphasizes critical thinking, problem-solving, and communication skills, empowering students to effectively analyze and address complex information systems challenges.

The MSIS online degree culminates in a capstone project that provides students with the opportunity to synthesize and apply the knowledge and skills gained throughout the program to solve a real-world problem. This project serves as a comprehensive assessment of students' mastery of the program's learning outcomes and prepares them for success in their chosen career paths.

Graduates of the MSIS online degree at Brescia University will be well-equipped to excel in a variety of roles in the information systems field, including systems analyst, software engineer, database administrator, network architect, cybersecurity analyst, data analyst, and artificial intelligence specialist. The program's strong emphasis on ethics and governance ensures that graduates are prepared to navigate the complex professional challenges of the information systems industry with responsibility and integrity.

Program Goals:

The Master of Science in Information Systems (MSIS) online program aims to:

1. Provide a comprehensive and rigorous curriculum that covers the essential concepts, theories, and technologies in the field of information systems, preparing students for advanced roles in various industries.

2. Offer in-depth knowledge and expertise in specialized areas, including Information Security, Data Analytics, and Artificial Intelligence, enabling students to excel in their chosen career paths.

3. Develop students' critical thinking, problem-solving, and communication skills, empowering them to analyze, design, implement, and evaluate information systems solutions that address the diverse needs of organizations.

4. Foster a strong understanding of ethical, legal, and social issues related to information systems, ensuring that graduates are prepared to navigate complex professional challenges responsibly and effectively.

5. Deliver a flexible, high-quality, and engaging online learning experience that accommodates the needs of working professionals and supports students in achieving their educational and career goals.

TRANSFER CREDITS AND RESIDENCY REQUIREMENT:
Students may transfer up to six (6) hours of credit or two (2) courses into the program. These courses MUST be completed prior to the student's acceptance into the Brescia MSIS program. The Director of the MSIS will ensure that the courses transferred are equivalent to Brescia's MSIS courses in terms of content and requirements. Only courses in which the student scored a B or higher are eligible for transfer.

MSIS DEGREE REQUIREMENTS:

1. Core Courses (6 courses):

The program will offer two eight-week terms per semester and three semesters per year (Fall, Spring, and Summer)

Course Number	**Course Name**
IS 510	Foundations of Information Systems
IS 520	Systems Analysis and Design
IS 530	Database Management Systems
IS 540	Software Engineering
IS 550	Network and Cloud Computing
IS 560	Information Systems Ethics and Governance

2. Concentration Courses (9 courses):

Each concentration consists of three courses.

Concentration	**Course Number**	**Course Name**
Information Security	IS 610	Information Security Management
Information Security	IS 620	Network Security
Information Security	IS 630	Cybersecurity Risk and Compliance
Data Analytics	IS 640	Data Analytics and Visualization
Data Analytics	IS 650	Big Data Technologies
Data Analytics	IS 660	Machine Learning for Data Analytics
Artificial Intelligence	IS 670	Introduction to Artificial Intelligence
Artificial Intelligence	IS 680	Machine Learning
Artificial Intelligence	IS 690	Deep Learning and Neural Networks

3. Capstone Project Course (1 course):

Course Number	Course Name
IS 6XX	Capstone Project in Information Systems

MSIS PROGRAM CONTENT:

The MSIS online program at Brescia University offers a comprehensive curriculum with a strong focus on practical applications and hands-on experience. The flexibility of online delivery, combined with the choice of three specialized concentrations (Information Security, Data Analytics, and Artificial Intelligence), makes the program attractive to working professionals and individuals seeking to advance their careers.

MSIS COURSE DESCRIPTIONS

IS 510 Foundations of Information Systems *3 credit hours*
This course introduces the fundamental concepts and principles of information systems, including hardware, software, data, and their interrelationships. Students will explore the role of information systems in organizations and society, as well as the challenges and opportunities presented by emerging technologies. *Prerequisites: Instructor's permission.*

IS 520 Systems Analysis and Design *3 credit hours*
This course provides an in-depth study of the processes and techniques used in the analysis, design, and development of information systems. Students will learn to apply various methodologies and tools to effectively gather user requirements, model system components, and create system specifications. *Prerequisites: Instructor's permission.*

IS 530 Database Management Systems *3 credit hours*
This course covers the design, implementation, and management of database systems, focusing on relational databases. Students will learn data modeling techniques, normalization, SQL, and the use of database management systems to create, maintain, and query databases. *Prerequisites: Instructor's permission.*

IS 540 Software Engineering *3 credit hours*
This course examines the principles and practices of software engineering, including the software development lifecycle, agile methodologies, and software quality assurance. Students will gain hands-on experience in designing, implementing, testing, and maintaining software applications. *Prerequisites: Instructor's permission.*

IS 550 Network and Cloud Computing *3 credit hours*
*This course explores the concepts and technologies related to computer networks and cloud computing, including network architectures, protocols, security, and cloud service models. Students will learn how to design, implement, and manage networked and cloud-based information systems. *Prerequisites: Instructor's permission.*

IS 560 Information Systems Ethics and Governance *3 credit hours*
*This course addresses the ethical, legal, and social issues related to information systems, including privacy, security, intellectual property, and digital divide. Students will learn the principles of information systems governance and develop strategies for managing risks and ensuring compliance with relevant regulations. *Prerequisites: Instructor's permission.*

IS 6XX Captone Project in Information Systems *3 credit hours*
*In this course, students will undertake a comprehensive project that synthesizes and applies the knowledge and skills gained throughout the program. Students will identify a real-world problem, conduct research, develop a solution, and present their findings to faculty and peers. *Prerequisites: Instructor's permission.*

IS 610 Information Security Management *3 credit hours*
*This course explores the principles and practices of information security management, including risk assessment, policy development, and security controls. Students will learn to develop and implement effective information security strategies to protect organizational assets and ensure compliance with relevant standards and regulations. *Prerequisites: Instructor's permission.*

IS 620 Network Security *3 credit hours*
*This course focuses on the design, implementation, and management of secure computer networks. Students will learn the principles of network security, including encryption, authentication, intrusion detection, and firewalls, and gain hands-on experience in securing networked systems. *Prerequisites: Instructor's permission.*

IS 630 Cybersecurity Risk and Compliance *3 credit hours*
*This course covers the key concepts and practices related to cybersecurity risk management and compliance. Students will learn to assess and manage risks, develop cybersecurity policies, and ensure compliance with relevant laws, regulations, and industry standards. *Prerequisites: Instructor's permission.*

IS 640 Data Analytics and Visualization *3 credit hours*
*This course introduces students to the techniques, tools, and methodologies used in data analytics and visualization. Students will learn to analyze large datasets, develop predictive models, and create effective visualizations to communicate data insights to diverse audiences. *Prerequisites: Instructor's permission.*

IS 650 Big Data Technologies *3 credit hours*
*This course explores the technologies and architectures used to store, process, and analyze large-scale and complex datasets. Students will learn about big data. *Prerequisites: Instructor's permission.*

IS 660 Machine Learning for Data Analytics *3 credit hours*
*This course provides an in-depth study of machine learning techniques and their applications in data analytics. Students will learn to implement, train, and evaluate machine learning models using popular libraries and tools, and apply these techniques to make predictions and inform decision-making processes. *Prerequisites: Instructor's permission.*

IS 670 Introduction to Artificial Intelligence *3 credit hours*
*This course introduces the fundamental concepts and techniques of artificial intelligence, including knowledge representation, search algorithms, logic, and planning. Students will explore various AI applications and gain hands-on experience in designing and implementing AI solutions. *Prerequisites: Instructor's permission.*

IS 680 Machine Learning *3 credit hours*
*This course covers the principles and techniques of machine learning, including supervised, unsupervised, and reinforcement learning. Students will learn to design, implement, and evaluate machine learning models for various applications, such as natural language processing, computer vision, and robotics. *Prerequisites: Instructor's permission.*

IS 690 Deep Learning and Neural Networks *3 credit hours*

*****This course provides an in-depth study of deep learning and neural networks, focusing on convolutional neural networks, recurrent neural networks, and generative adversarial networks. Students will learn to implement and train these models using popular deep learning libraries and apply them to solve complex problems in AI. *Prerequisites: Instructor's permission.*

** course descriptions may change pending Curriculum and Standards Committee approval.*

ACADEMIC DEVELOPMENT AND SUPPORT

DEVELOPMENTAL EDUCATION

Students are placed in the developmental program based on ACT or the recommendation of the Chair of the Mathematics area. Students with a 17 or lower on the English ACT must complete Eng 010, and students who score 17 or below on the Reading ACT must complete IDC 009. Students who score a 17 or 18 on the Math ACT must take Mth 010; a student with an ACT of 16 or lower must take Mth 009 and Mth 010. Eng 010 and Mth 005 (and possibly Mth 006) require free tutorial laboratory sessions weekly in addition to classroom instruction. A "C" grade or above is required in both the Eng 010 and the Mth 010 courses before a student can proceed into college-level English or Math courses.

BUOnline students with a recent ACT score of 18 or lower will be placed in Mth 006. Students without current ACT scores will be placed either in Mth 006 or in the math course recommended by the Chair of the Mathematics area. Online students needing Mth 006 but unwilling to take the course will be placed in Mth 111; however, should they not be successful, they must take Mth 006 before repeating Mth 111.

Transfer students with successful courses at the College Algebra level or higher and at the Eng 101 level or higher do not need developmental courses.

International students without the necessary ACT/SAT scores but with a TOEFL score of less than 550 (computer-generated score 213) will be required to complete IDC 009 and the math recommendations of the Chair of the Mathematics area.

LIBRARY SERVICES

The Fr. Leonard Alvey Library provides patrons with access to thousands of print and electronic resources and is committed to serving the needs of our community. On-ground or online, patrons are able to access materials through the use of our catalog or various databases. Our databases include access to full-text journals, newspapers, videos, and more. Through the use of Interlibrary Loan, patrons can view over 10,000 library catalogs from which information can be requested. Additionally, students are able to borrow various tech equipment such as laptops, cameras, and headphones. These services, as well as borrowing privileges at local college and public libraries, are granted with proof of a valid Brescia ID.

When visiting our physical facilities, patrons have access to computers, printers, reservable rooms, and quiet study carrels on each floor. The reservable rooms are set up with projectors, charging stations, and whiteboards to offer users the ideal spaces for collaboration and meetings.

Information literacy classes about library usage are offered online regularly for either one-credit hour or three-credit hours. Research assistance is also provided online, in-person, or by appointment.

OFFICE OF STUDENT SUCCESS

The Office of Student Success strives to provide every student with the resources they need to be successful. Our student success initiatives include professional advising, tutoring services, disability accommodations, student success planning, academic coaching, and the University CARE Team.

DISABILITY ACCOMMODATIONS

Brescia University is committed to providing eligible students with reasonable accommodation for both academic and personal success. Both online and on-campus students with documented disabilities should contact the Office of Disability Services at disability.services@brescia.edu or by phone at (270) 686-4206 in order to make arrangements for accommodation.

COMPUTER SERVICES

All Brescia University Students are eligible for internet and e-mail accounts. Contact the Director of Student Development located in the Campus Center for the account application and return the completed account application to the Mailroom located in the Administration Building.

UNIVERSITY DIRECTORY

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Email: larry.hostetter@brescia.edu

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Director of Student Success — Ms**.** Icces Crocker, B.A., Brescia University; M.A., Murray State University

Disability Services — ON-CAMPUS: Ms. Icces Crocker, B.A., Brescia University; M.A., Murray State University; ONLINE: Ms. Jennifer Cox, B.A., Brescia University; M.A. with Graduate Certificate in Autism Spectrum Disorders, Ball State University

Director of Instructional Technology — Ms**.** Laura Szefi, B.S., Murray State Univeresity; M.S. Western Kentucky University; Rank I University of the Cumberlands

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Executive Director of BUOnline & the Transfer Center— Ms. Shanda LaRue, B.A and B.S, Western Ketucky University; M.A., The Johns Hopkins University; further study: The Johns Hopkins University

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Sports Information Director- Ms. Jaylin Tidwell, B.S., Kentucky Wesleyan College, M.B.C., Spalding University

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Women's Basketball Head Coach — Mr. Nick Chaykowsky, B.S. University of Tampa; M.S. Nova Southeastern University

Women's Soccer Head Coach— Mr. Andy Hines, B.S., M.A. Oakland City University; M.S. Georgetown College

Men's Soccer Head Coach — Mr. Dale Armistead, B.A., Brescia University

Women's Softball Head Coach — Ms. Traci Smith, B.S. Kentucky Wesleyan College

Women's Volleyball Head Coach — Ms. Emma Derry, A.A, Carl Sandburg College, B.S., Lincoln College, M.S.K, Illinois State University

Men's Volleyball Head Coach — Mr. Jerry Forbes, B.S., University of Southern Indiana

Women's and Men's Cross Country/Track and Field Head Coach — Ms. Sandy Moran, B.S. University of Wisconsin, M.Ed., Campbell University

Men's and Women's Golf Head Coach— Mr. Jason Cox, B.S.W., Brescia University

Men's and Women's Bowling— Mr. Tony Dewald, B.S. Southern New Hampshire University

Women's and Men's Tennis Head Coach — Ms. Diana Hunter, B.A. Kentucky Wesleyan College; M.A./Rank I Western Kentucky University

Baseball Head Coach — Mr. Casey Hamilton, B.S. Western Kentucky University

Co-Ed Cheer— Ms. Kate Newhouse, B.S. Brescia University

Co-Ed eSports—Mr. Jerry Forbes, B.S., University of Southern Indiana

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Director of Career Services — Ms. Elizabeth Gramelspacher, B.A. University of Southern Indiana; M.A., Indiana State University

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Director of Alumni and Donor Relations — Mr. Jake Davis, B.A., Brescia University

Communications & Donor Relations Associate — Ms. Cheyenne Best, B.S., Kentucky Wesleyan College

FULL-TIME FACULTY

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Alsman, Jennifer, *Assistant Professor of Social Work*, M.S.W., Western Kentucky University; L.C.S.W., Licensed Clinical Alcohol and Drug Counselor (LCADC)

Alvey, Jamie, *Instructor of English, B.A. English*., Brescia University, M.A., Mercy College

Ballard, Brett, *Assistant Professor of Music*, B.A., Morehead State University; M.A. Saint Joseph's College

Barrese, Kenneth, *Assistant Professor of Mathematics*, B.S. & B.A., Oregon State University; Ph.D., Michigan State University

Besing, Rachel C., *Associate Professor of Psychology*, B.S., University of Southern Indiana; Ph.D., University of Alabama at Birmingham

Bland, Lauren, *Associate Professor of Speach Language Pathology*, B.S., Murray State University; M.S., University of Louisville; Ph.D., University of Cincinnati

Bosse, Walter M., *Associate Professor of English,* B.A., Xavier University; M.A., University of South Carolina; Ph.D., University of Cincinnati

Branson, Beau, *Chair, Humanities Division and Associate Professor of Philosophy*, B.S., Middle Tennessee State University; B.A., University of Oklahoma; M.A. and Ph.D., University of Notre Dame

Brown, Kaitlin, *Associate Professor of Speech Language Pathology***,** B.A**.**, University of Tennessee; M.S., Alabama Agricultural and Mechanical University; D.SLP., Rocky Mountain University of Health Professions

Cook, Monica, *Assistant Professor of Biology,* B.S., Columbus State University; PharmD., University of Georgia; Ph.D., University of South Florida

Dudko, Jonathan, *Chair*, *Mathematics and Natural Sciences Division and Assistant Professor of Biology*, B.S., Texas A&M University; M.S., Idaho State University; D.A., Idaho State University

El-Shazly, Sherief, *Assistant Professor of Biology,* B.S., M.S., and Ph.D., Kuwait University

Farina, Mike, *Assistant Professor of Psychology and holder of the Fr. Charles Saffer Chair,* B.A., Psychology, The Pontifical College Josephimum; M.A.E, Western Kentucky University; Ph.D., University of Louisville

Fulkerson, Rena., *Assistant Professor of Education,* B.A., Brescia University; M.A. and Rank I, Western Kentucky University

Gibson, Laura, *Professor of Social Work and MSW Program Director*, B.S., Bridgewater State College; M.S.W., University of Southern Indiana; Ph.D., University of Louisville Kent School of Social Work; L.C.S.W.; BC-TMH

Griffin, Christopher, *Associate Professor of History*, B.A., M.A., and Ph.D., Florida State University.

Gross, Molly, *Assistant Professor of English,* B.F.A., University of Arizona; M.F.A., University of California; M.A., Georgia Southwestern State University

Hamilton, Scot, *Assistant Professor of Psychology,* B.A. and M.A., University of Glasgow; Ph.D., Georgetown University

Hardesty, Lynn, *Assistant Professor of Communication Sciences and Disorders*, B.S., Brescia University; M.S. University of Kentucky

Hayden, Brent, *Physician Assistant Program Medial Director,* B.A., and M.D., University of Kentucky

Hess, Julie, *Associate Professor of Speech Pathology and Audiology (CSD) and Director of MS in SLP Program,* B.S. and M.S., Western Kentucky University; Ed.D., Nova Southeastern Uni-versity (Ft. Lauderdale, FL)

Holland, Ashley N., *Chair, School of Education and Associate Professor of Elementary Education*, B.S., Western Kentucky University; M.A., Western Kentucky University; Ed. D., Oakland City University

Howard, Susan, *Associate Professor of Social Work/Sociology,* B.A., University of Kentucky; M.S.W., University of Kentucky; C.S.W.

Howell, LeAnn, *Professor of Social Work and MSW/BSW Director of Field Instruction,* B.S.W., Brescia University; M.S.S.W., University of Louisville Kent School of Social Work; Ed.D., Western Kentucky University, L.S.W

Johnson, Julie, *Associate Professor of Management*, B.A., Western Kentucky University; M.A. and Ph.D., George Mason University; Graduate Certificate in Accounting, Strayer University

Karidas, Stephanie, *Assistant Professor of Speech Language Pathology,* M.A., University of Trier; M.S. and Ph.D., University of South Florida

Moskos, Robert, *Assistant Professor of Social Work*, B.S.W., University of Southern Indiana; M.S.W., University of Maryland; D.S.W., University of Kentucky; L.S.W.

Nugent, Rev. Mr. Timothy, *Associate Professor of Theology and Social Work*, B.A., Brescia College; M.S.S.W., University of Louisville Kent School of Social Work; L.C.S.W.; Owensboro Diocesan Deacon Training Program, St. Meinrad School of Theology

Obilade, Sandra O., *Associate Professor of Management*, B.S. and M.S., Southern Illinois University at Carbondale, M.B.A., Southern Illinois University at Edwardsville, Ph.D. (Bus. Administration), Ph.D. (Education), Southern Illinois University at Carbondale

O'Donoghue, Maura, *Assistant Librarian, Assistant Professor of Library Services, and Online Librarian*, B.A., Brescia University; M.S., University of Kentucky

Peters, Jordan, *Assistant Professor of Accounting*, B.S. and M.S., University of Kentucky; licensed CPA in Kentucky

Pokhrel, Shyam, *Assistant Professor of Chemistry,* B.S. and M.S., Tribhuvan University; M.S., University of Montana; Ph.D. (A.B.D.), University of Maine

Reece, Lisa, *Associate Professor of Social Work & BSW Program Director*, B.S., Eastern Michigan University; M.S.W. and Ph.D., Tulane University

Riney OSU, Sister Judith Nell, *Assistant Professor of Library Sciences*, B.A., Brescia College; M.S.L.S., Spaulding University; post-Master's Certificate, The Catholic University of America

Staples, Brooke, *Assistant Professor of Social Work*, B.S.W, Brescia University; M.S.S.W,, Kent School of Social Work, University of Louisville, L.S.W.

Stratton, David, *Professor of Art*, B.F.A., University of Tennessee-Knoxville; M.S. and M.F.A., Illinois State University

Tiahrt, Chris A.; *Professor of Mathematics*, B.S., Montana State University; M.S. and Ph.D., Colorado State University

Uskov, Dmitry, *Associate Professor of Physics and Mathematics*, M.S. and Ph.D Moscow Institute of Physics and Technology

Walker, A. Nicki, *Chair, School of Business and Assistant Professor of Business,* B.A., University of Louisville; M.S., Sullivan University; Ed.D., University of Dayton

Ward, Sarah, *Graduate Speech Language Pathology Practicum Coordinator*, B.S. and M.S., Western Kentucky University

Webb, Malcolm, *Assistant Professor of Education,* B.S., Kentucky Wesleyan University; M.Ed. University of the Cumberlands

Will, Vicki Tinsley, *Chair, Division of Social and Behavioral Sciences* and Associate Professor of Psychology, B.A., Brescia College; M.A., University of Alabama; doctoral studies (A.B.D), University of Alabama

Whitaker, Melissa, *Program Director Physician Assistant Program,* B.S., University of Kentucky; M.P.A.S., Grand Valley State University

Wright, Elaine, *Chair, Marilyn Younger Conley School of Social Work and Associate Professor of Social Work*, B.S.W., Brescia College; MSSW and Ph.D., University of Louisville Kent School of Social Work

FACULTY EMERITI

Barrette, Craig R., *Professor of English,* B.A., Carroll College; M.A. and Ph.D., Southern Illinois University at Carbondale

Dugan-Barrette, Ellen, *Professor of English*, B.A., Marian College; M.A. and Ph.D., Southern Illinois University at Carbondale

Keeton, Nancy, *Professor of Social Work,* B.A., Brescia College; M.S.S.W., University of Louisville Kent School of Social Work; Ph.D., University of Louisville, L.C.S.W., A.C.S.W.

Sullivan, Sr. Sharon, OSU, *Associate Professor of Special Education*, B.A., Maryville College; M.A., Western Kentucky University; Ph.D., Purdue University; certified Special Education Mediator for Kentucky Department of Education

Wathen, OSU; Sister Marie Bosco, *Faculty Emerita*; B.A., Brescia College; M.Ed., Spalding College; M.A., Western Kentucky University

CURRENT HALF-TIME FACULTY

Goodlett-Collins, Donna, *Assistant Professor of Speech Pathology/Audiology*, B.S., Spalding University; M.S., University of Louisville School of Medicine

White, Juliet, *Assistant Professor of Speech Pathology/Audioology*, B.A. and M.A., South Carolina State University; Ph.D., University of South Carolina

CURRENT SENIOR LECTURER II

Tracie Jones, English
Richard Moman, Drama
Dr. Jillian Vanover, Biology

CURRENT SENIOR LECTURERS

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Janell Campbell, Clinical Psychology
Jessica Cecil, Psychology
Fr. Ray Clark, Theology
Grant Collins, Business
Dr. Darryl Dockery, Music
Laura Eklund, Art
Dr. Adam Rasmussen, Theology
Kim Dotson Releford, Social Work
Dr. Linda Rooney, Theology
Nicole Salati, Psychology
Mary Ann Snyder, French
Robert Stetler, Mathematics
Clayton Tarr, English

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Jamie Atwell, Biology
Marcie Baldwin, Biology
Samantha Bello, Drama
Andrea Boarman, CSD
David Carletta, Theology
Jennifer Cox, Psychology
Christina Dalton, Social Work
Nancy Englehardt, Business
Laura Eklund, Art
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Christopher Solomon, Social Work
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Jonathan Summer, Math
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Thomas Vallandingham, Business, Political Science
Douglas Wathen, Business
Dr. Cynthia Yaudes, History
Crysta Gardner, Social Work
Amanda Hirtz, Social Work