



2019–2020
UNDERGRADUATE
and
GRADUATE
CATALOG

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

10/2019

ACADEMIC CALENDAR 2019–2021

Fall 2019

August 8
August 10
August 10–12
August 12
August 11
August 11–16
August 13
August 20
September 2
September 13
September 24
♦October 3–8♦

Fall Institute: Full Faculty/Divisions
Opening Academic Convocation
Freshmen Orientation
Registration
Fall Semester Begins
BU Online Classes Begin
On-Campus Classes Begin
Deadline: Drop/Add Semester Class
Labor Day Holiday
Mod 1 Withdraw Deadline with Transcript “W”
Faculty Dev’t Day: No On-Campus Classes*
♦Fall Break (No On-Campus Classes)*

*Extra Day 2019 ONLY

October 5
October 14–18
October 21
November 15
Nov. 28 – Dec. 1
December 4–6**
December 7
December 7

End of Mod 1‡
Bu Online Mod #2 Begins
Semester Withdraw Deadline with Transcript “W”
Mod 2 Withdraw Deadline with Transcript “W”
Thanksgiving Break (University Closed)
★Final Exams: Wed/Thurs/Fri in 2019
BU Online Completed by Midnight‡
Fall Semester Ends

Spring 2020

January 2–3
January 5
January 5–10
January 6
January 14
January 20
January 28
February 7
February 18
February 29
March 2–6
March 9–13
March 16
April 9–13

April 10
April 19
April 27–29
May 2
May 2
May 2

Registration (new students)
Spring Semester Begins
BU Online Classes Begin
On-Campus Classes Begin
Deadline: Drop/Add Semester Class
MLK, Jr. Day (University Closed)
Founder’s Day/Winter Convocation
Mod 3 Withdraw Deadline with Transcript “W”
Faculty Dev’t Day: No On-Campus Classes
Mod 3 Ends‡
Spring Break (No Classes)
BU Online Mod #4 Begins
Semester Withdraw Deadline with Transcript “W”
Easter Break (No On-Campus Classes –
Offices Closed Friday/Monday)
Mod 4 Withdraw Deadline with Transcript “W”
Honors Convocation
Final Exams
Commencement
BU Online Completed by Midnight‡
Spring Semester Ends

BU Online Classes*

2019-2020

August 11–16
October 14–18
Jan. 6–10
March 9–13

Module #1 Begins
Module #2 Begins
Module #3 Begins
Module #4 Begins

Fall 2020

August 13
August 15
August 15–17
August 17
August 17
August 17–21
August 18
August 25
September 7
September 18
September 29
October 8–12

October 10
October 19–23
October 26
November 20
November 26–29
December 7–9
December 12
December 12

Spring 2021

January 7–8
January 11
January 11–15
January 11
January 19
January 18
January 26
February 12
February 23
March 6
March 8–12
March 15–19
March 23
April 1–5

April 16
April 25
May 3–5
May 8
May 8
May 8

2020-2021

August 17–21
October 19–23
January 11–15
March 15–19

SUMMER 2020 & 2021

START 2020:	May 11, 2020	END 2020:	July 4, 2020 (midnight)
START 2021:	May 17, 2021	END 2021:	July 10, 2020 (midnight)

*NOTE #1: Except during Spring Break, once modular online classes begin, they run through the 8-week module without a break, regardless of the University *Calendar*. Full-semester online courses follow the on-ground schedule.

Scheduled synchronous sessions may or may not be held on holidays (consult Instructor), but class assignments are ongoing.

‡NOTE #2: All BU Online courses must be complete no later than midnight of the Saturday of the 8th week of a module or of Exam Week for full-semester classes; *please consult Course Instructor for specific due dates.*

DROP/WITHDRAW NOTE: For modular courses, the last day to drop a class with no record is BEFORE the first day of the mod. The last day to withdraw with a “W” is is posted in the schedule above. For semester-long online courses, on-campus Withdraw Dates above apply.

MBA graduate program dates will vary slightly. MSW follows on-ground schedule; MSM follows online modular schedule.

All schedules will be posted at www.brescia.edu.

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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 academic 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 Development 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 student, 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 to transform 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.
- *The 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. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Brescia University.

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

BRESCIA UNIVERSITY

All of Brescia University's Teacher Education programs are accredited by Kentucky's Education Professional Standards Board (EPSB). The accreditation process for all programs by the Council for the Accreditation of Educator Preparation (CAEP) has begun.

Brescia University's School of Business is one of only three U.S. universities to have full accreditation by the Asian Association of Schools of Business International (AASBI).

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

CAMPUS

Brescia University is situated on fifteen acres in the heart of downtown Owensboro, Kentucky. Among the facilities on campus can be found a well-equipped science building with up-to-date labs; a newly renovated campus center, the Moore Center, that houses dining, study, recreational, and athletic facilities; a chapel; Bartholomy-Taylor Hall that houses offices and classrooms; a welcoming library ideal for group or independent study and research; and apartment-style residential housing accommodations. The School of Business (600 Frederica) houses the William H. Thompson Center for Graduate Studies in Business, faculty offices, a small computer lab, and a student study/meeting room. The Ramold Building houses the Marilyn Younger Conley School of Social Work and includes offices and classrooms. The campus arts facilities include the 57-seat Little Theatre, a ceramics lab, art studios, and music rooms. Under construction is the C.E. Field Center for Professional Studies housing the University's three graduate programs, the Anna Seaton Stout Art Gallery, a 150-seat lecture hall, and a technology center.

Recreational facilities include a gymnasium, weight room, aerobics and cardio workout room, walking track, and tennis 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 56,000, 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, 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.

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. The only exception is for students in the L³ Youth Theology Institute (p. 173).

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:

1. *An application for admission and a non-refundable \$25 application fee;*
2. *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*
3. *ACT or SAT scores (exempt if first enrollment at Brescia is more than three years after the graduation date of the applicant's high school class).*
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.***

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:

1. *Foreign language;*
2. *Fine arts; and*
3. *Computer science.*

First Enrollment Less Than Three Years Out of High School

The 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 exempt from submitting ACT or SAT scores and/or submits a GED score, see below for admissions standard):

1. *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*
2. *Completion of a college preparatory curriculum (See above).*
3. ***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:

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.*

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 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 45 (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 45; 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 Vice President for Enrollment Management (VPEM) 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 VPEM, 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 and a non-refundable \$25 application fee; and*
2. *An official final transcript from each college where course work was attempted.*

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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 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:

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 Vice President for Enrollment Management (VPEM) 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 VPEM, who will forward the appeal to the Admissions Committee at the next scheduled meeting.

ARTICULATION AGREEMENTS

Brescia University has articulation agreements with the following: the Kentucky Community and Technical College System (KCTCS), Owensboro Community and Technical College, Chatfield College in Ohio, Northcentral Technical College in Wisconsin, 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 institution (including OCTC) with an Associate of Arts or an Associate of Science degree a minimum of sixty (60) transfer credits (but no more than 67), and junior class standing.

A KCTCS Associate of Arts or an Associate of Science degree will also satisfy 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 OCTC, with careful planning from the beginning of the associate degree, can transfer seamlessly into Brescia University, allowing students to complete a baccalaureate degree in four years (including one or two summers as needed). AAS students may transfer up to 77 credit hours into a BS in Agricultural Business, Integrated Studies, or a few select other majors. Interested students should contact the Admissions Office or BU Online 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.

Chatfield College Agreement

Brescia University also has an articulation agreement with Chatfield College that is very similar to the one with the KCTCS system. Brescia accepts from any graduate from Chatfield College with an Associate of Arts or an Associate of Science degree a minimum of sixty (60) transfer credits (but no more than 76), and junior class standing. This Associate's degree will also satisfy forty-eight (48) hours of Brescia University's General Education Requirements (GERs), provided the student completes at least one class in world history, modern language, literature, fine arts, philosophy, and religion. Any of these courses not completed at Chatfield must be completed at Brescia University. In addition, at least six (6) upper-division credit hours (300- or 400-level) of General Education courses must be completed as part of a Brescia baccalaureate degree. Since Chatfield College is a Catholic three-year institution, it is possible for Chatfield students to transfer six (6) upper-division GERs, as well as a second theology class, thus meeting all Brescia's General Education Requirements.

Northcentral Technical College (NTC)

Brescia University also has an agreement with Northcentral Technical College in Wisconsin through which NTC students earning an associate degree in Human Services can transition seamlessly into Brescia's baccalaureate in Psychology. According to this agreement, NTC students transfer into Brescia as juniors, bringing a maximum of 62 transfer credits, including a maximum of 15 credit hours that may be applied to the Psychology major. Because the NTC associate is a technical rather than an A.A. or A.S. degree, additional General Education courses will most likely be required from Brescia, including credits in math, the sciences, fine arts, and theology. At least 66 credit hours must be earned at Brescia, including 42 upper-division credits.

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 on pp. 45–46.

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 (pp. 39–40). Responsibility for verifying GER status lies with the BUonline 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. Only one non-BU-*Catalog* theology/religion course may transfer as three of the six required theology hours.

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

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exceptions noted above from OCTC for AAS students); 76 credit hours from Chatfield College may be applied to the baccalaureate degree.

NOTE: Transfer students hoping for academic honors at graduation, see *Catalog*, p. 42, 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.

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, and a non-refundable \$75 (USD) application fee;*
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). 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 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 Vice President for Enrollment Management (VPEM) 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 VPEM, 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 Vice President for Enrollment Management:

1. *Official Statement of Financial Ability and/or a bank authorization certifying sufficient funds to meet study costs for an academic year; and*
2. *A non-refundable tuition deposit of \$100 (U.S. dollars).*

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 and pay a one-time fee of \$25. 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 only).*
- **Senior Citizens** – *Persons age 65 or older who may study in the traditional on-campus programs either as matriculating or non-matriculating students with tuition remission.*
- **Certificate** – *Students enrolled in courses that award a certificate upon completion.*

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;*
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 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. Online LoAs must be approved by the Associate Academic Dean; on-campus students obtain permission from the Vice President for 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 June 1, 2019 – subject to change without notification. Updated fees may be found in the Schedule of Classes.)

<i>Tuition for Full-Time Students/semester (12–18 credit hours)</i>	<i>\$11,450</i>
<i>Tuition per credit hour over 18 credit hours per semester</i>	<i>\$595</i>
<i>Tuition per credit hour for Part-time Students</i>	<i>\$595</i>
<i>Tuition per credit hour for Summer Undergrad (non BUonline)</i>	<i>\$300</i>
<i>Tuition per credit hour for Winter (Christmas) Term</i>	<i>\$425</i>
<i>Tuition for Full-Time Med Tech (after course completion) per semester</i>	<i>\$595</i>
<i>Dual Enrollment – High School Students (3-credit course)</i>	<i>\$168</i>
<i>Room and Board per semester (varies with type and size of room)</i>	<i>\$4,715</i>
<i>Class/Lab fees</i>	<i>vary per course</i>
<i>Technology fee for Full-Time students per semester</i>	<i>\$120</i>
<i>Technology fee for Part-Time students per semester</i>	<i>\$60</i>
<i>Activity fee for Full-Time students per semester</i>	<i>\$125</i>
<i>Orientation fee (New students – first semester only)</i>	<i>\$250</i>
<i>On-line course fee</i>	<i>\$150</i>
<i>Graduation fee*</i>	<i>\$100</i>
<i>Challenge exam fee per credit hour**</i>	<i>1/3 of Undergraduate Credit-Hour Rate</i>
<i>Audit fee per credit hour</i>	<i>1/2 Part-Time Credit Hour Rate</i>

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 (1/3 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 NetClassroom link on the Brescia homepage: (www.brescia.edu). Students should contact the Registrar (Student Services Center: 531 Frederica St. or 270-686-4248) for username and password. No credit will be posted for successful completion of course-work 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.

All full-time students are required to have health insurance. Students already covered under a health insurance plan may waive the Brescia University Student Insurance coverage. Student will be charged one year's premium for the Brescia University Student Insurance Program unless Waiver Form is completed and submitted by the first day of regular semester classes. Each Student Insurance Program Waiver is for the current academic year only. Waiver Form must be submitted/mailed to the Cashier's Office. Waiver Form can be downloaded from www.brescia.edu/student-accounts.

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:

1. The date on which payment from VA is made to the institution.

2. 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 form to the Office of the Registrar, located in the Student Services Center, 531 Frederica St.

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 or health insurance. 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 defined as the last date of finals for the semester. 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 or health insurance. Tuition charges will be pro-rated based on the number of days enrolled in the University during their Period of Enrollment, until 60 % of their Period of Enrollment has been completed. After the 60 % 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 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 or health insurance. Tuition charges will be pro-rated based on the number of days enrolled in class and the Period of the Class, until 60 % of the Period of the Class has been completed. After the 60 % 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. As a room reservation deposit it is refunded in full if the reservation is cancelled prior to June 30th (or December 31st for an originally-scheduled new Spring student). As a security deposit it 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 that he has complied with the selective service requirement, and not be in default on a federal or state loan or owe a repayment on any federal or state aid.

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.

At the completion of the following attempted credit hours,	6–30	31–48	49+
a student must have earned at least this percentage of attempted hours	67%	67%	70%
with at least this cumulative grade point average	1.5	1.7	2.0

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 = 128 credit hours required to graduate X 150% = 192. Students would be required to complete this degree within 192 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.

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 Dean), 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 Dean for on-campus students and the Academic Advisor for online students). 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.

NOTE: APPEALS for Financial Aid Suspension will only be granted one time as a general rule.

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 below (p. 49) 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 by mail or online at www.fafsa.edu.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. 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. An alumnus/alumna of a Brescia undergraduate program is any individual who has earned a B.A., B.S., B.S.W., M.B.A., M.S.M., or MSCI/MSTL 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 and graduate courses. A Free Application for Federal Student Aid (FAFSA) must be completed each academic year to receive the tuition discount. The discount will 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. This Discount Application must be completed each academic year.

VETERANS' BENEFITS

Brescia University offers veterans an educational curriculum approved under the provisions of the federal government for educational benefits (see pp. 11, 13–14 above for details). The Registrar's Office and the Director of Financial Aid provide advisement to veterans. Those eligible for educational benefits should contact the VA certifying official (Assistant Registrar @ 270-686-4358) at each registration. 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

BUonline classes are offered in an online format that includes once-a-week synchronous chat sessions with students and instructor. The program is designed for adult students who are unable to attend college courses within the traditional format (e.g., weekday classes on campus) because of career or family responsibilities or distance from the University.

Traditional on-campus freshmen are generally not allowed to take online courses (except for IdC 100). To do so, non-BUonline students must be recommended by their advisors and receive permission from the Associate Academic Dean (270-686-4359; Room 112A) before registering for the 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. Online classes do not qualify for the exchange program with Kentucky Wesleyan College (KWC).

BASIC EXPENSES PER SEMESTER – BUonline

(Effective until Spring 2022 – subject to change without notification. Updated fees may be found in the Schedule of Classes.)

<i>Tuition per credit hour for BUonline students.....</i>	<i>\$425</i>
<i>Class/Lab fees.....</i>	<i>vary per course</i>
<i>Technology fee per semester.....</i>	<i>\$60</i>
<i>Online course fee.....</i>	<i>\$150</i>
<i>Graduation Fee*.....</i>	<i>\$100</i>
<i>Audit fee per credit hour.....</i>	<i>½ Part-Time Credit Hour Rate</i>
<i>Challenge exam fee per credit hour**.....</i>	<i>⅓ of Undergraduate Credit-Hour Rate</i>

*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 NetClassroom link on the Brescia home page (www.brescia.edu). Students should contact the Registrar (Student Services Center: 531 Frederica St. or 270-686-4248) for username and password. 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.

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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 on pp. 13–14 above.

FINANCIAL AID AND SCHOLARSHIPS – BUonline

In order to be eligible for full-time financial aid (for description of kinds available, see above, pp. 17–18), 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 or health insurance. 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 first class meeting will not be charged tuition or fees for that class. In general, students withdrawing from a class on or after the date of the first class meeting 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 60 % of the Period of the Class has been completed. After the 60 % of the Period of the Class has been completed, there will be no refund of tuition charges. BUonline students who withdraw 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 have not attended any or all of their chat sessions 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.**

Summer Sessions: 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 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 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 50% of the Period of the Class has been completed. After the 50% of the Period of Class has been completed, there will be no refund of tuition charges. **Students who do not attend the first scheduled chat session will be administratively dropped from any non-attended 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: A full-time graduate student carries a minimum of 8 credit hours per semester (with a half-time student carrying 4 credit hours per semester). A part-time graduate student carries fewer than eight credit hours per semester. The full-time load for the MBA is 9 credit hours per semester, and for the MSW 12 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. If after two additional courses, the student has not regained a 3.0 cumulative GPA, s/he may be dismissed from the program. A student receiving a D, an F, or three C’s may also be dismissed from the program.

MASTER OF BUSINESS ADMINISTRATION (MBA) – On-Campus

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

1. a completed MBA application and a non-refundable \$50 application fee;

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2. an official transcript showing completion of an undergraduate degree with a cumulative grade point average of at least 2.5; and
3. non-native English speakers must also submit a TOEFL exam with a minimum score of 100.

The application will be reviewed by the Admissions Committee 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 next paragraph); or*
3. *Deny admission.*

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 Graduate Committee 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 IN MANAGEMENT (MSM) – ONLINE

Evaluation of applicants is based on undergraduate and graduate (if any) work, and supervisory work experience. These criteria are consistent with defined primary indicators of high promise of success in post-graduate business study.

Matriculated Student: Each MSM applicant must submit the following to the Brescia University Admissions Office:

1. a completed MSM application, including a non-refundable \$50 application fee;
2. an official transcript showing completion of an undergraduate degree with a cumulative grade point average of at least 2.5; and
3. evidence of an undergraduate degree in Business, or an undergraduate degree in another field with a minimum of three years of supervisory and/or managerial experience.

The application will be reviewed upon receipt of all required materials, and applicants who successfully meet those criteria may be accepted unconditionally. Class size is limited, and acceptance into the program will be on a competitive basis.

Applicants failing to meet the minimum admissions requirements will be considered on an individual basis by the Admissions Committee and the Director of the MSM Program, who may recommend one of the following:

1. *Grant admission as a regular student; or*
2. *Grant admission on a conditional basis; or*
3. *Deny admission.*

In order to remove the conditionally-accepted status, the student must earn a "B" average or better in the first two courses of the MSM program. After reviewing the conditionally-accepted student's record at the end of the first two courses, the Director of the MSM program may recommend denial of regular admission to the graduate program. If so, the applicant is provided reasons in writing for denial and steps to be followed if s/he wishes to reapply to the University.

An applicant who is denied admission to the MSM program may subsequently gain admission by gaining additional relevant work experience, or by raising her/his undergraduate grade point average.

Non-Matriculated (Non-Degree) Students: Non-degree students are limited to a maximum of eight (8) credit hours of enrollment.

Credit Transfer: Up to six (6) hours of credit or two (2) courses may be transferred into the program. These courses **MUST** be completed prior to the student's acceptance into the Brescia MSM program. Transfer credits may not be older than six (6) years.

Experiential Credit: Credit is not awarded for experiential learning.

Program Completion: After admission to the program, students must complete the MSM within six (6) years.

Any exceptions to the above policies must be approved by the Director of the MSM Program.

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.
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; and

- ii. completion of a statistics course or its equivalent within the last 3 years, with a minimum grade of C.
- iii. NOTE: Students who do not have required prerequisites may be admitted on a conditional basis with the expectation that the courses are completed prior to the beginning of the MSW program. At the Program Director's discretion, a student may be given time up to the University's deadline for course withdrawal to complete prerequisite courses (approximately mid-semester). If the prerequisite requirements are not complete by that date, the student will be withdrawn from all MSW courses with a grade of W.
- o 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) within the last five years.
- b. GPA
 - i. a grade point average (GPA) of 3.0; if applying for advanced standing: 3.2 GPA.
 - 1) For *non*-Brescia graduates, the *cumulative* GPA is used.
 - 2) For Brescia graduates, the GPA for the major is used.
 - ii. upon written request, applicants with a marginally low GPA may be considered if they address remediation of 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 use 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.

Brescia University Undergraduates: Graduates of Brescia University with a bachelor's degree are eligible for preferential acceptance. Students who have a minimum grade point average of 3.50 in their major (and for BSW graduates, a grade of "A" in SW 406: Field II) may be automatically admitted into the MSW Program. The following conditions apply:

- the student completes an online application by the designated deadline;
- the student applies for acceptance to the first cohort following conferral of their baccalaureate degree from Brescia University;
- there is space available in the program;
- the student has completed a statistics course within the last three years with a minimum grade of C or its equivalent; and
- the student has completed an Intro to Social Work course with a minimum grade of C *OR* Brescia's Survey of Social Work 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 ranked GPA. For example, students with a GPA of 4.0 will be admitted first, 3.99 next, and so on. Applicants who received their BSW from a school other than Brescia University are not eligible for preferred admission.

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 p. 194 of the current *Catalog* (available online at www.brescia.edu) for details regarding the transferability of credit into the MSW program.

BASIC EXPENSES PER SEMESTER – GRADUATE

(Effective June 1, 2018 – subject to change without notification. Updated fees may be found in the Schedule of Classes.)

<i>Graduate MBA/MSM tuition per credit hour</i>	\$500
<i>Graduate MSW tuition per credit hour</i>	\$600
<i>Class/Lab fees</i>	vary per course
<i>Technology fee for Part-Time student per semester</i>	\$60
<i>On-line course fee</i>	\$150
<i>Graduation Fee*</i>	\$100

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

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 NetClassroom link on the Brescia home page (www.brescia.edu). Students should contact the Registrar (Student Services Center: 531 Frederica St. or 270-686-4248) for username and password. 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 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.

- **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 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 outlined on pp. 13–14 above.

FINANCIAL AID AND SCHOLARSHIPS – GRADUATE

Students who will require financial support for their graduate studies at Brescia University are welcome to talk with the Director of Financial Aid regarding options for financing a graduate degree. In order to be eligible for full-time financial aid, a student must take at least 8 credit hours in a semester. To be eligible for part-time financial aid a student must register for at least 4 credit hours. 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 at the graduate level 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 or health insurance. 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. Students who have not attended any or all of their classes during the “Drop/Add” period or—for online courses—not attended the first scheduled chat session will be administratively dropped from non-attended courses and resulting changes made to 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 first class meeting will not be charged tuition or fees for that class. In general, students withdrawing from a class on or after the date of the first class meeting 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 60 % of the Period of the Class has been completed. After the 60 % of the Period of the Class has been completed, there will be no refund of tuition charges. **Students who have not attended any or all of their classes during the “Drop/Add” period or—for online courses—not attended the first scheduled chat session will be administratively dropped from non-attended courses and resulting changes made to financial aid packages and to student billing.**

Summer Sessions: 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 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 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 50% of the Period of the Class has been completed. After the 50% of the Period of Class has been completed, there will be no refund of tuition charges. **Students who have not attended any or all of their classes during the “Drop/Add” period or—for online courses—not attended the first scheduled chat session will be administratively dropped from non-attended courses and resulting changes made to financial aid packages and to student billing.**

VETERANS' BENEFITS – GRADUATE

Brescia University offers veterans an educational curriculum approved under the provisions of the federal government for educational benefits (see pp. 11, 13–14 above). The Registrar’s Office and the Director of Financial Aid provide advisement to veterans. Those eligible for educational benefits should contact the VA certifying official (Assistant Registrar @ 270-686-4358) at each registration. 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).



The Moore Center



The C.E. Field Center for Professional Studies

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

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, and basketball; and women's soccer, cross-country, track, tennis, golf, softball, volleyball, and basketball. 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, racquetball, football, 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.

CAMPUS 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. 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
- Black Student Union
- Brescia Arts
- Brescia Students for Life
- Clay Club
- Delight
- Environmental Club
- Fellowship of Christian Athletes
- Freshman Class Council
- Habitat for Humanity: Brescia Chapter
- History Club
- Ichabod Society (English)
- Japanese Culture Club: Anime Association
- Kentucky Educators Association and Council for Exceptional Children
- Music Club
- National Student Speech – Language – Hearing Association (NSSLA)
- Phi Alpha National Social Work Honor Society
- Political Science Club
- Psychology Club
- SAPB (Student Activities Program Board)
- Social Work Club
- Sophomore Class Council
- Spanish Club
- Theatre and Speech Club
- Young Americans for Liberty
- Z.E.S.T. (Zombie Emergency Survival Team)

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 SERVICES

A professional counselor offers a variety of confidential services, including personal issues counseling and vocational counseling and interest testing. Students should visit the website www.brescia.edu/counseling or consult the current issue of the *Student Handbook* for additional information. The Counseling Office is in the Moore Center, phone 270-686-4282. The Director of the Counseling Center leads the University's Care Team, a group of faculty and professional staff who respond to notifications that students may be having academic, social, or personal difficulties.

INTERNATIONAL STUDENTS

The special needs of students from the international community of nations are managed by the Office of Student Development together with the services of the Coordinator of International Students 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 (#205), offers out-of-classroom experiences that promote personal and leadership development.

STUDENTS WITH DISABILITIES

Brescia University is committed to providing eligible students with reasonable accommodations 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 academic accommodations. Non-academic accommodations will be addressed through the Office of Student Affairs in the Moore Center.

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. Hours of operation (subject to change) are Monday through Friday, 10:00 AM–12:00 PM and 1:00 PM–4:00 PM.

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 offers access to its print and electronic collection of materials through an automated system available locally through the campus network and internationally via the internet. Numerous databases offering thousands of full-text journals, numerous full-text newspapers, and access to over 10,000 library catalogs are included in our resources at <http://libguides.brescia.edu/home>. A current Brescia ID, a requirement for circulation privileges at the library, also provides borrowing privileges

at other local college and public libraries. Students accessing library databases off campus are required to use a current Brescia email address.

The library includes quiet student carrels, a listening room, conference and seminar rooms, computer lab, group study rooms equipped with SmartBoard and multiple computer connections, photocopy and microfiche/film reader/printers, and computer terminals throughout the library.



Instruction on the use of the library and an online one-hour credit Information Resources class are offered on a regular basis.

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 freshmen, featuring single and double occupancy rooms, lounges, and a recreation room. **Saffer Hall** also provides single rooms for freshmen. Rooms in Saffer and Merici are wired for access to Brescia's computer network that provides access to the internet, email, the library, and all academic resources on the network. All student rooms are equipped with basic cable TV access. 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 and cable TV access.

Theme Housing may be available on a year-by-year basis to Honors College members and to campus-recognized clubs, organizations, or academic groupings. This process requires a group application to the Residence Life Office (the Moore Center, #205). The expectation is that individuals in these groups will serve each other in furthering their education, while serving the community as a whole. Brescia utilizes campus-owned houses in the area for this purpose.

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

ACADEMICS

DEGREES 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 Science in Management (MSM), and the Master of Social Work (MSW).

Associate of Arts Degree

- Human Services
- Integrated Studies
- Liberal Arts
- Political Science

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*
- Pre-Law Studies
- Psychology [until Summer 2020, when it will become a Bachelor of Science degree]
- Social Studies
- Social Studies with Secondary Teacher Certification
- Spanish
- Spanish Education (P–12 Teacher Certification)
- 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)
- Pre-Law Studies
- 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

Graduate Degrees

- Master of Business Administration (MBA)
- Master of Science in Management (MSM)
- Master of Social Work (MSW)

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 geography, music, physical education, sociology, and speech 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.

DEGREE REQUIREMENTS

THE ASSOCIATE DEGREE

Candidates for the Associate Degree must:

1. *Earn a minimum of sixty-three (63) credit hours;*
2. *Earn a minimum of twenty-seven (27) 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 electives from approved list of General Education courses (No more than 6 hours in one discipline)	6 credits
3. *Demonstrate college-level competency in mathematics, reading, and writing (cf. Assessment and Placement Policies, p. 44); computer competency demonstrated according to degree requirements;*
4. *Complete a minimum of thirty (30) hours in a specialization;*
5. *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);*
6. *Achieve a cumulative grade point average of 2.0; and*
7. *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-eight (128) credit hours, of which at least forty-two (42) credit hours are in upper-division courses, that is, more advanced courses bearing a 300 or 400 number;*
2. *Complete fifty-seven (57) 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, p.44);*
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 128 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.

BRESCIA UNIVERSITY EDUCATIONAL OUTCOMES

St. Angela Merici, founder of the Ursuline Order that established and sponsors Brescia University, embraced individual differences and promoted development of the whole person. In keeping with this vision and Brescia’s mission, the curriculum and co-curriculum together support the educational outcomes below in various ways: All courses in the curriculum and all facets of the co-curriculum address and assess competence in the first outcome; all courses within majors/minors address and measure competence in the second; all academic and co-curricular programs determine where and how they address the third and fourth outcome in order that students attain competence.

- Brescia University graduates will demonstrate the ability to think critically, analyze information, and communicate effectively.
- Brescia University graduates will attain competence in and apply a field of study in readiness for graduate school or a career in an appropriate field.
- Brescia University graduates will possess the capacity to adapt to diverse environments.
- Brescia University graduates will understand and apply ethical standards in promoting justice and service to others.

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):

1. Students will read perceptively, write clearly and analytically, and speak effectively.
2. Students will think critically.
3. Students will synthesize and process information using traditional and technological tools.
4. Students will develop their knowledge of theology and philosophy, harmonizing that knowledge with other disciplines.
5. Students will recognize and analyze the impact of fine art, literature, and language on culture, civilization, and the individual.
6. Students will analyze the impact of the events, theories, and traditions that shape human behavior and societies of the world.
7. 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 Lang/Comp 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 in Lit/Comp 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
Speech or Basic Methods of Acting	3
Language or Upper-Division Literature Elective	3
Religion and Philosophy	
Theology	6
Philosophy	3
Fine Arts	
Art, Music, OR Theatre Appreciation	3
Fine Arts Electives	6
Natural Science and Mathematics	
Mathematics (College-level math – see specific degree requirements)	3
Science	3
Math or Science Elective (or Computer Science GER)	3
Social and Behavioral Sciences	
History (global perspective)	3
Psychology or Sociology	3
Social or Behavioral Electives	6

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 six (6) 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:

- No more than six (6) credit hours in one discipline may count for General Education Requirements.
- At least six (6) credit hours satisfying General Education Requirements must be upper-division credits.
- Unless competency has been demonstrated through ACT/SAT scores, each student is required to demonstrate college-level competency in mathematics (MTH 005 and/or MTH 006), 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.
- 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.
- Some Articulation Agreements may have exceptions to these specific requirements. Advisors should consult the VPAA when in doubt.

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.)

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

Religion and Philosophy

<u>Theology*</u>	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, or Th 499H
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*One non-BU-*Catalog* theology/religion General Education course from any regionally accredited Catholic institution may be transferred into Brescia as one of the two required General Education theology courses. GER Bible courses from any regionally accredited institution must have used modern Biblical scholarship.

<u>Philosophy</u>	Phl 103, Phl 104H, Phl 110, Phl 150H, Phl 231, Phl 300, Phl 301, Phl 325, Phl 346, Phl 347; or IdC 389
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Fine Arts

<u>Appreciation</u>	Art 180; Mus 100; or Drm 141
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<u>Electives</u>	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
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*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

<u>Mathematics</u>	Mth 101, Mth 102, Mth 103, Mth 111, Mth 112, Mth 113, Mth 204, Mth 211, Mth 212, or Mth 310
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<u>Science</u>	Bio 100, Bio 104H, Bio 105 (with L), Bio 110, Bio 112, Bio 115 (with L), 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
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<u>Elective</u>	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
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Social and Behavioral Science

<u>History</u>	His 101, His 102, His 205H, His 318, His 320, His 325, His 332, or His 339 (global perspective)
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<u>Psychology or Sociology</u>	Psy 105, Psy 201, Psy 230, Psy 260, Psy 300, Psy 360; or Soc 204
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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 200, Pls 201, Pls 205H, Pls 215, Pls 250, Pls 411; SW 280, SW 301, SW 302, SW 310, SW 312, or SW 499H

ACADEMIC POLICIES AND PROCEDURES

ACADEMIC ADVISING

Consultation with an advisor is essential to the development of a sound academic program. Each new 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.

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 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*, pp. 113–116. For further information, students should contact the Coordinator of the Honors College.

Dean's List: 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.

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-four (64) credit hours at Brescia** with the designated GPA on all Brescia hours 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 are eligible for active membership in **Alpha Chi**, a national honor society.

Phi Alpha: Sophomore, junior, and senior social work majors who've completed at least nine (9) SW hours and who have at least a GPA of 3.25 overall AND in required social work courses are eligible for active membership in **Phi Alpha**, a national social work honor society dedicated to fostering high standards of education for social workers and promoting humanitarian goals and ideas.

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 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.

ACADEMIC PROBATION, SUSPENSION, AND DISMISSAL

A full-time student whose grade point average (GPA) falls below 1.75 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 re-admission 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

1. inspect any official academic record directly relating to them, including all materials in the cumulative record folder;
2. a hearing to challenge the contents of these records to insure that they are accurate and in accord with student rights; and

3. 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 Registrar.

ASSESSMENT AND PLACEMENT POLICIES

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 005 or Mth 006. Students in Mth 005 are required to use the tutorial laboratory sessions weekly 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 who have not successfully completed developmental courses or a college-level math are placed in Mth 006 or whatever course is recommended by the Chair of the mathematics area. Online math tutoring is available for these students.

Conditionally-admitted students are limited to thirteen (13) hours the first semester. After mid-term reports, the UCTL 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 005 and/or MTH 006 – 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' office in notifying their faculty members. The responsibility of arranging to make up missed assignments or to submit assignments late belongs to the student.

ARTICULATION AGREEMENTS

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 a minimum of sixty (60) transfer credits (but no more than 67), and junior standing. An AA or an AS degree will also satisfy 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 also has an articulation agreement with Chatfield College in Cincinnati that awards students graduating with an Associate of Arts or Associate of Science degree a minimum of sixty (60) transfer credits (but no more than 76), and junior standing. An Associate of Arts or Associate of Science degree will also satisfy 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). Since Chatfield offers 300-level courses, students with an Associate degree from Chatfield College could possibly complete required General Education Requirements prior to transferring by satisfying up to fifty-one (51) hours of Brescia's GERs, provided the student completes six (6) hours in upper-division GER coursework and a second theology class. Any of these courses not completed at Chatfield must be completed at Brescia University. In addition, if six (6) upper division credit hours (300–400 level) of Brescia's GERs are not transferred in, they must be completed at Brescia.

Additionally, Brescia University has an agreement with Northcentral Technical College (NTC) in Wisconsin through which NTC students earning an associate degree in Human Services can transition seamlessly into Brescia's baccalaureate in Psychology. According to this agreement, NTC students transfer into Brescia as juniors, bringing a maximum of 62 transfer credits, including a maximum of 15 credit hours that may be applied to the Psychology major. Because the NTC associate is a technical rather than an A.A. or A.S. degree, additional General Education courses will most likely be required from Brescia,

including credits in Math, the sciences, fine arts, and theology. At least 66 credit hours must be earned at Brescia, including 42 upper-division credits.

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 p. 12). See the Medical Laboratory Science major, pp. 68–69.

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 two spaces per academic year 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, pp. 69–70.

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, pp. 177 and 180, for more information.

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, p. 177 for more information.

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. (This agreement does not include online, Winter Term, or Summer Session courses.) To protect both institutions, the balance of courses must not exceed 36 credit hours at either school. Brescia University students may take no more than six (6) credit hours in a major that is unique major to KWC.

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 005 and/or MTH 006), 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 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 15 hours per semester, with no more than nine (9) per module. In order to carry more than eighteen (18) hours, a student must have a 3.75 cumulative GPA or permission of the Academic Dean.

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:

- 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).
- 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:

1. *Goals that translate into measurable objectives must be established jointly by the program faculty, the student, and the organization or person on-site.*
2. *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.*
3. *The organization must provide a work supervisor who will help the student adapt to the work, evaluate the work performance, and support the learning.*
4. *The program area must have a system for evaluating work positions and individual work supervisors.*
5. *Experiential education may include paid positions, but not all positions will include payment. In certain areas payment is unethical.*
6. *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.*
7. *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.*
8. *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.*
9. *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.

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:

- A grade of “B” for a 3 credit hour course would earn:
 $3 \text{ credit hours} \times 3 \text{ quality points} = 9 \text{ quality points.}$
- A grade of “B” for a 4 credit hour course would earn
 $4 \text{ credit hours} \times 3 \text{ quality points} = 12 \text{ quality points.}$

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:** Grades for Education majors' clinical practice are recorded as Pass or Fail; courses in physical education may be taken on a pass-fail basis at any time. Juniors and seniors may also take one non-required (free elective) course on a pass-fail basis each semester. Courses taken to fulfill General Education Requirements, major requirements, or teacher certification requirements may not be taken on a pass-fail basis. A student wishing to take a course on this basis must inform the Registrar at the time of registration. However, unless the student wishes to inform the course instructor of this arrangement, the instructor will not be notified.

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. Failure to remove the Incomplete within the first six weeks of the following semester (excluding summer sessions) will result in an automatic "F" (or alternatively posted grade) for the course. For BUonline courses in the 8-week modular format, the Incomplete must be completed within two weeks of the scheduled end of the course. If the deadline is sooner than six (or two) weeks of the following semester (or module), 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.

Withdrawal: A 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 must *also* meet with the Academic Dean and or the Director of Campus Ministry for an Exit Interview. BUonline students should process withdrawals through their academic advisors and emails to the Registrar's Office.

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

A course that is dropped during the first week of a semester – or before the first scheduled chat session for a BUonline course – will not be entered on the permanent record. From the second week up to mid-term, the grade "W" will be recorded. Withdrawal after this date is not possible, and simply "dropping out" will result in an "F" for the course.

Auditing Courses: An **auditor** is one who attends undergraduate 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 is not permitted.

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.

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

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, and IB**. 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 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 (1/3 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 Academic Dean 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.

Dantes Credit: Students should contact 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.

REGISTRATION

The dates of registration for each semester are published online at Brescia University's website (www.brescia.edu) and announced by faculty advisors to their students. **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 forty-two (42) credit hours must be earned at Brescia University. Within the 42 credit hours, the student must have completed the final one-third of the major requirements and the final thirty (30) credit hours toward the degree at Brescia.

For the associate degree, a minimum of twenty-one (21) 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 fifteen (15) 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 www.studentclearinghouse.org.

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 (pp. 39–40). Responsibility for verifying GER status lies with the BUonline 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. Only one non-BU-*Catalog* theology/religion course may transfer as three of the six required theology hours.

Courses with a grade below a “C” are not accepted as transfer credit courses. 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 must retake the first course unless s/he is able to demonstrate competency, in which case the requirement will be waived.

NOTE: Transfer students hoping for academic honors at graduation, see *Catalog*, p. 42, for details.

Only 67 credit hours from a community college (up to 77 credit hours for A.A.S. transfers—see pp. 79 and 118) and 76 credit hours from Chatfield College 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 difficulties 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, the notice is sent to the Academic Dean, who notifies the student’s academic advisor and the Athletic Director (if appropriate); the instructor then distributes the notice to the individual student. Academic notices are *typically* distributed prior to midterm before

the deadline for withdrawing from a class. However, if student behavior or performance raises concerns earlier in the semester, the academic notice may be sent by the instructor to the student and the AcademicDean. These forms may also be sent *after* midterm if student performance or behavior changes significantly. Behaviors that might lead to either form being submitted include, but are not limited to 1) excessive absences; 2) poor exam results; 3) limited class participation; 4) negligence in assignments; 5) poor results in written assignments; or 6) sleeping in class or unkempt appearance. The intent of these notifications is to maximize the student's chances for success.

BU ONLINE at BRESCIA UNIVERSITY

Through BU Online, many of the challenges facing adult 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 fulfill the same General Education Requirements as other Brescia students.

For students who already have a degree in another major and would now like to go into accounting, or meet the eligibility requirements to sit for the CPA exam, a Certificate in Accounting is available.

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 (weekly chat session, reading, email interchanges with instructor, homework, class presentation or group work, etc.). Unless stated otherwise, Undergraduate Policies apply to all BUonline students.

BU ONLINE POLICIES

ACADEMIC ADVISING OF ONLINE STUDENTS

A new student entering through BUonline is assigned to a BUonline advisor. Students pursuing an Accounting, Psychology, or Theology degree and students admitted into the Social Work program are assigned academic 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.

CLOSING THE UNIVERSITY / CANCELING SYNCHRONOUS ONLINE SESSIONS

In case of the need to close Brescia University or cancel all classes, unless specifically notified to the contrary by the instructor, all scheduled synchronous online sessions will be held. If instructors cancel a pre-scheduled synchronous session, students should expect posted assignments that allow work to continue through that week.

REGISTRATION AND PAYMENT ONLINE

Priority registration for each module will end 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.

Online classes do not qualify for the Kentucky Wesleyan College exchange program (in which students at both schools may take a limited number of courses at the other as part of their home-school tuition).

STUDENT SERVICES ONLINE

BUonline students geographically close to Owensboro are invited to take advantage of student services, activities, and campus facilities; i.e., library, study pavilion, weight room, racquetball court, walking track, and cafeteria. Online students have access to library resources and online tutoring in certain courses. Counseling services are also available by phone in instances where a Kentucky license is recognized; in other cases, counseling referrals can be made within the student's home state. Students needing disability services should contact the Co-Coordinator at Jennifer.cox@brescia.edu in BUonline.

WITHDRAWAL FOR ONLINE STUDENTS

In order to withdraw from a course, the student or authorized representative in the BUonline office must file a withdrawal form (email will be accepted) in the Registrar's Office. If a student drops a course prior to the first chat session, it will be removed from the transcript. If a student has not logged into a class before the first chat and fails to attend that session, s/he will be administratively dropped from the class (with possible implications for Financial Aid). A student who withdraws after the first class but prior to the appropriate deadline will receive a "W" on the transcript. Withdrawal after this date is not possible, and simply "dropping out" will result in an "F" for the course.

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

UNDERGRADUATE DEGREES AVAILABLE ONLINE

ASSOCIATE DEGREES ONLINE:

Associate of Arts OR Associate of Science in Integrated Studies: The online associate of arts or science (depending on the two chosen areas of concentration) degree offers students the opportunity to develop an individualized program by studying areas that Brescia may or may not offer as individual majors. Because of its interdisciplinary nature, the Integrated Studies major cannot be awarded simultaneously with a major or minor in a separate academic area.

Associate of Arts in Human Services: Human Services is the study and provision of human and social services to individuals and communities. The Human Services associate degree prepares students for entry-level positions in a variety of human service agencies.

Associate of Arts in Liberal Arts: The Liberal Arts online associate degree provides students with a wide knowledge-base in areas of communication, language and literature, religion and philosophy, fine arts, natural science and math, and studies in social and behavioral sciences.

Associate of Science in Business: The online Business major at Brescia University provides students with an introduction to the basic business models and modern business practices. Students also learn skills needed for the conduct of business in a variety of organizations and environments.

Associate of Science in Psychology: The online Psychology major provides an introductory overview of the field of psychology from cognitive, behavioral, and physiological perspectives.

BACHELOR'S DEGREES ONLINE

Bachelor of Arts OR Science in Integrated Studies: This Integrated Studies major offers students the freedom and responsibility to develop individualized degree programs. Integrated Studies provides a broader and more flexible educational experience than traditional programs and provides an opportunity for students to concentrate in two or three areas that may or may not be offered as established majors. Upon completion of the course of studies, the University confers the B.A. or B.S. degree according to the standards for that degree. Academic advising for the Integrated Studies degree is in consultation with appropriate area advisors; because of its interdisciplinary nature, the Integrated Studies degree cannot be awarded simultaneously with a major or minor in a separate academic area.

Bachelor of Arts in Psychology: The psychology degree is designed to provide an efficient and quality opportunity to study the ways in which psychology describes and explains both animal and human behavior; to learn how psychology is applied; and to provide students contemplating graduate training in psychology a solid undergraduate foundation for pursuing career in counseling and similar areas.

Bachelor of Arts in Theology with Emphasis in Pastoral Studies: This Theology degree with its Emphasis provides students looking to do graduate work in theology and/or pastoral ministry and students already engaged in or aspiring to enter church ministry the opportunity to obtain a theology degree.

Bachelor of Science in Accounting: The online B.S. degree in Accounting is designed with the adult student in mind. The degree can be completed while attending class and completing assignments from the convenience of a personal computer whenever and wherever one chooses.

Bachelor of Science in Business: The business world is competitive and fluid. As business models and theories evolve, so must the skills of today's business men and women. The B.S. in Business from Brescia is administered fully online by faculty who are experienced and accomplished in the field.

Bachelor of Social Work (BSW): This online degree is designed to provide an efficient and high quality delivery of social work theory and practice courses by presenting to students the knowledge required for the social work field, as well as opportunities for practical application.

Students may pursue the online BSW as a full four-year degree program. Students may also pursue this degree in two stages, earning first an Associate of Arts in Human Services (two-year program) before transitioning into the Bachelor of Social Work program. Students thus register either as a Social Work major, or as a Human Services major followed later by the Social Work major. In either case, students are not formally admitted into the Social Work program until a minimum of 45 credit hours is earned.

Transfer students who have already met the minimum general education requirements (GERs) of Brescia University and who have 83 transferable credits (Brescia accepts up to 86 hours of transfer credit for this major), the program can be completed in two years. Those who have not met these requirements may take longer to complete the degree.

GENERAL EDUCATION (GERs) ONLINE

In addition to the University's generous General Education Requirement (GER) transfer policies (p. 52), BUonline offers its own GER courses, planned and scheduled to help meet the educational goals of students pursuing online majors or who need additional hours to be accepted into the Social Work program. 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.



GRADUATE PROGRAMS ONLINE

In addition to undergraduate Associate and Baccalaureate degrees programs online, Brescia University currently offers courses of study leading to the Master of Business Administration (MBA) on weekends (with an occasional online course), the Master of Science in Management (MSM) online, and the Master of Social Work (MSW) online. Each is described in detail with degree requirements in a later section of this *Catalog*. Two of these programs, briefly described below, are available in an online format.

Course Load

For the MSM program a full-time graduate student carries a minimum of eight (8) credit hours per semester (the on-campus MBA student carries nine [9] credit hours per semester as full-time). For the cohort-model MSW program, full-time students take 12–15 credit hours per semester; with the permission of the MSW Director, a student may take up to 18 hours if a needed undergraduate prerequisite is being taken concurrently. A part-time graduate student carries fewer than eight credit hours per semester; half-time status is at least four credit hours. For the MSW, part-time status is fewer than 12 credit hours.

Master of Science in Management: The primary goal of Brescia's Master of Science in Management (MSM) Program is to provide early and mid-career professionals with enhanced skills and abilities. The MSM curriculum focuses sharply on the skills, problems, and concepts important to practicing managers. The carefully designed eight-course sequence has been created to provide a practical, comprehensive, and futuristic curriculum that overcomes major criticisms of traditional programs. Initial courses are designed to extend and integrate the undergraduate core body of knowledge in developing a broad foundation of skills and knowledge in management. The second portion of the program provides students with the opportunity to synthesize and integrate the skills developed into a more complete understanding of the organization and its environments. The program can be completed in approximately two years or at the student's own pace.



Residency Requirement: For the MSM, a minimum of twenty-eight (28) credit hours must be earned at Brescia University, as well as the final fifteen (15) credit hours toward the degree. Once accepted into the program, the student must complete the degree within six (6) years.

Master of Social Work: Brescia's Master of Social Work 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.

Residency Requirement: For the MSW degree, a minimum of twenty-four (24) credit hours must be earned at Brescia. Policies governing transferring credits into the MSW are outlined on pp. 195–196. No transfer credits are accepted after students begin the MSW program at Brescia.

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)

NB: Students considering a degree in art education are advised that certification will require a program that exceeds the usual 128 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, pp. 108–109.
- **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 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 Annual Juried Student Art Exhibition.

B. A. DEGREE WITH A MAJOR IN ART

Required to Graduate:	128 credit hours
General Education Requirement:	57 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
<i>Choose one (1) three-credit-hour course from each of the following areas:</i>	
Art 240 Ceramics OR	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 128 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: 57 credit hours

See the GERs for Teacher Education, pp. 159, 160.

Professional Education Requirement: 37 credit hours

*Follow the Professional Education Requirement for Art Education in Teacher Education,
p. 162.*

Area Subject Requirements: 45 credit hours

Art 101, 202, 303 Drawing I, II, and III 3, 3, 3

Art 111, 211 Design I and II 3, 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

Art 499/499(a) Professional Practices Seminar/Exhibit and Portfolio 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)

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

Area Subject Elective: Upper-division three-credit-hour course 3 credit hours

Electives: To total 133 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 Minor 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 <i>OR</i> 335	Special Problems/Painting <i>OR</i> 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. *Prerequisite: Computer competency and digital camera with aperture capability.*

***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. *Prerequisite: Art 101, 111, or instructor permission.*

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. *Prerequisite: Art 202, 211, or permission of instructor.*

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. *Prerequisite: Art 101, 111, or permission of instructor.*

***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. *Prerequisite: Art 160 or advanced status (with portfolio).*

***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. *Prerequisite: Art 202 or permission of instructor.*

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. *Prerequisite: Art 210.*

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. *Prerequisite: Art 180 or permission of instructor.*

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, 211; or permission of instructor.*

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. *Prerequisites: Art 202, 211; or instructor permission.*

***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. *Prerequisite: Art 240.*

Art 350 Printmaking I *3 credit hours*

Basic techniques employed in intaglio and relief printing. Experimentation with linoleum block, collagraph, woodcut, and embossing. *Prerequisites: Art 101 and 111.*

Art 351 Printmaking II *3 credit hours*

A course in the basic procedures and processes of silkscreen printing. *Prerequisites: Art 101 and 111.*

***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. *Prerequisite: Art 180, 281, or permission of instructor.*

***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 or 280 or 281; or permission of instructor.*

***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. *Prerequisite: Art 180 or permission of instructor.*

***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; or permission of instructor.*

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. *Prerequisite: Art 303 and/or permission of the instructor.*

Art 414 Graphic Design III *3 credit hours*

An emphasis is placed on development of student portfolios through various advanced projects and practical applications. *Prerequisite: Art 316.*

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

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

***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-synccopated 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. *Prerequisite: Art 331 or permission of instructor.*

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. *Prerequisite: Art 431 or permission of the instructor.*

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. *Prerequisite: Art 340.*

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. *Prerequisite: Permission of the instructor.*

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. *Prerequisite: Permission of the instructor.*

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. *Prerequisites: Art 351 and permission of the instructor.*

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. *Prerequisite: Art 351 or permission of the instructor.*

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

***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. *Prerequisite: Art 281 or permission of instructor.*

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: **128 credit hours**

General Education Requirement: **57 credit hours**

Major Subject Requirements: **31 credit hours**

Chm 205	Quantitative Analysis <i>and</i>	3
Chm 205L	Quantitative Analysis Lab [<i>plus prerequisites</i>]	1
Chm 301	Organic Chemistry I <i>and</i>	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II <i>and</i>	3
Chm 302L	Organic Chemistry II Lab	1
Chm 409	Biochemistry I <i>and</i>	3
Chm 409L	Biochemistry I Lab	1
Chm 410	Biochemistry II <i>and</i>	3
Chm 410L	Biochemistry II Lab	1
Bio 115	Molecular and Cellular Biology <i>and</i>	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology <i>and</i>	(3)
Bio 201L	Human Anatomy and Physiology Lab <i>OR</i>	(1)
Bio 300	Genetics <i>and</i>	(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 <i>and</i>	3
Phs 201L	General Physics I Lab	1
Phs 202	General Physics II <i>and</i>	3
Phs 202L	General Physics II Lab	1

Electives: To total 128 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: 128 credit hours

General Education Requirement: 57 credit hours

Major Subject Requirements: 21 credit hours

Bio 105	Ecology and Evolution <i>and</i>	3
Bio 105L	Ecology and Evolution Lab	1
Bio 115	Molecular and Cellular Biology <i>and</i>	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology <i>and</i>	3
Bio 201L	Human Anatomy and Physiology Lab	1
Bio 215	Biological Diversity <i>and</i>	3
Bio 215L	Biological Diversity Lab	1
Bio 300	Genetics <i>and</i>	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 <i>and</i>	(3)
Bio 301L	Developmental Biology Lab	(1)
Bio 305	Advanced Anatomy and Physiology <i>and</i>	(3)
Bio 305	Advanced Anatomy and Physiology Lab	(1)
Bio 311	Microbiology <i>and</i>	(3)
Bio 311L	Microbiology Lab	(1)
Bio 312	Parasitology	(3)
Bio 321	Reading List	(1–3)
Bio 325	Ecology <i>and</i>	(3)
Bio 325L	Ecology Lab	(1)
Bio 330	Immunology	(3)
Bio 399	Independent Study	(1–4)
Bio 401	Advanced Cell Biology <i>and</i>	(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 <i>and</i>	(3)
Bio 417L	Molecular Biology Lab	(1)
Bio 425	Marine Biology <i>and</i>	(3)
Bio 425L	Marine Biology Lab	(1)
Bio 405	Directed Research	(3)
Bio 495	Internship	(3)
Chm 409	Biochemistry I <i>and</i>	(3)
Chm 409L	Biochemistry I Lab	(1)
Chm 410	Biochemistry II <i>and</i>	(3)
Chm 410L	Biochemistry II Lab	(1)

Related Subject Requirements: 24 credit hours

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

Electives:

To total 128 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 <i>and</i>	3
Bio 105L	Ecology and Evolution Lab	1
Bio 115	Molecular and Cellular Biology <i>and</i>	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology <i>and</i>	3
Bio 201L	Human Anatomy and Physiology Lab	1
Bio 215	Biological Diversity <i>and</i>	3
Bio 215L	Biological Diversity Lab	1
Bio 300	Genetics <i>and</i>	3
Bio 300L	Genetics Lab	1
Elective from upper-division biology courses		(4)
Mth 211	Calculus I <i>and</i>	4
Mth 212	Calculus II <i>OR</i> approved substitute	(4)

B. S. DEGREE IN BIOLOGY with SECONDARY TEACHER CERTIFICATION

Students who wish to obtain Secondary Teacher Certification along with a Biology major should consult that section of the “Teacher Education” programs later in this CATALOG, pp. 158 and 161; students seeking Middle School Teaching Certification in Science should consult pp. 145 and 158, 161.

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.

B. S. DEGREE WITH A MAJOR IN MEDICAL LABORATORY SCIENCE**Required to Graduate:****128 credit hours****General Education Requirement:****57 credit hours****Major Subject Requirements:****19 + 36 credit hours**

Bio 115	Molecular and Cellular Biology <i>and</i>	3
Bio 115L	Molecular and Cellular Biology Lab	1
Bio 201	Human Anatomy and Physiology I <i>and</i>	3
Bio 201L	Human Anatomy and Physiology I Lab	1
Bio 305	Advanced Anatomy and Physiology <i>and</i>	3

BIOLOGY // MEDICAL LABORATORY SCIENCE // HEALTH SCIENCES

Bio 305L	Advanced Anatomy and Physiology Lab	1
Bio 311	Microbiology <i>and</i>	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 Bio 499, CS 108, or IdC 100.

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. The internship does not count as resident credit. 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: **63 credit hours**

General Education Requirement: **30 credit hours[†]**

[†]Degree MUST include ONE Theology, ONE Literature, and ONE Social Science GER course; for additional details, see *Catalog* p. 37.

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 (<i>accepted by U of L if successfully completed</i>)	(3/4)

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

Electives: To total 63 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.

***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 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 and Chm 302; may take Chm 302 concurrently.*

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 Parasitology *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 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 1–3 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 (see pp. 106–107).

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 two master's programs: a Master of Business Administration graduate program in the weekend (Saturday) format and a Master of Science in Management online.

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

B. S. DEGREE WITH A MAJOR IN ACCOUNTING

Required to Graduate: **128 credit hours**

General Education Requirement: **57 credit hours**

Including Eco 201; Mth 111 and Mth 113, **OR** Mth 211 and 212 if appropriate
(based on high school transcript and ACT/SAT scores)

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

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 [Acc 404 Fed. Individual Tax may be substituted for Acc 406]	(3)
Acc 410	Auditing	3

Electives: To total 128 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.

B. S. DEGREE WITH A MAJOR IN BUSINESS**Required to Graduate: 128 credit hours****General Education Requirement: 57 credit hours**

Including Eco 201 AND 6 hours of Math: Mth 111 and Mth 113,
OR Mth 211 and 212, **OR** Mth 213, 305, or 308 if appropriate

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 (<i>or CS 107, 108, and 109</i>)	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 128 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: 63 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 (<i>or CS 107, 108, and 109</i>)	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 63 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 (<i>or CS 107, 108, and 109</i>)	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

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

B. S. DEGREE-COMPLETION MAJOR IN AGRICULTURAL BUSINESS**Required to Graduate:** **128 credit hours**

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

Agriculture CORE Courses 31 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 103	Introduction to Software Applications (OCTC)	3
BAd 318	Business Statistics	3
BAd 330	Contemporary Issues in Agriculture	3
Eco 202	Economic Concepts II (GER)	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: **(6 credit hours)**

BAd 496	Business Internship OR	(3)
	One/Two additional Business course(s)	(3 or 6)

Related Subject Requirements: **4**

Bio 325 + Lab: Ecology 3 + 1

To total 128 credit hours**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 evalu-

ation 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: 128 credit hours

General Education Requirement: 57 credit hours

Major Subject Requirements: 32 credit hours

Chm 101	General Chemistry I <i>and</i>	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II <i>and</i>	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Quantitative Analysis <i>and</i>	3
Chm 205L	Quantitative Analysis Lab	1
Chm 301	Organic Chemistry I <i>and</i>	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II <i>and</i>	3
Chm 302L	Organic Chemistry II Lab	1
Chm 350	Physical Chemistry <i>and</i>	3
Chm 350L	Physical Chemistry Lab	1
Chm 409	Biochemistry I <i>and</i>	(3)
Chm 409L	Biochemistry I Lab <i>OR</i>	(1)
Chm 410	Biochemistry II <i>and</i>	(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 (<i>OR</i> another upper-level math course)	(4/3)
PhS 201	General Physics I <i>and</i>	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II <i>and</i>	3
PhS 202L	General Physics II Lab	1

Electives: To total 128 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 <i>and</i>	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II <i>and</i>	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Quantitative Analysis <i>and</i>	3
Chm 205L	Quantitative Analysis Lab	1
Chm 301	Organic Chemistry I <i>and</i>	3
Chm 301L	Organic Chemistry I Lab	1
Chm 302	Organic Chemistry II <i>and</i>	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.

***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 101 and 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 Mathematics and Natural 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.

B. S. DEGREE WITH A MAJOR IN COMMUNICATION SCIENCES and DISORDERS

Required to Graduate: **128 credit hours**

General Education Requirement: **57 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

EITHER of the following (Soc/Behavioral Science GER) 3 credit hours

Psy 105 Introduction to Psychology **or**

Soc 204 Introduction to Sociology

Major Subject Requirements: **42 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 274 Introduction to Clinical Practice 2

CSD 300 Articulation and Phonological Disorders 3

CSD 363 Audiology 3

CSD 364 Aural Rehabilitation 3

CSD 370 Language Disorders 3

CSD 374 Clinical Practicum I 2

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	2

Related Subject Requirements: 9 credit hours

Mth 250	Statistics for Social Science	3
Edu 255	Teaching Diverse Populations of Children and Youth	3
Psy 300	Developmental Psychology	3

Recommended Free Electives:

Bio 201	Anatomy and Physiology (<i>strongly</i> recommended)	3
Bio 112	Human Nutrition	3
Eng 306	Linguistics	3
Psy 270	Cognitive Psychology	3

Electives: To total 128 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.

Pre-requisite: CSD 240.

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 274 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 240.*

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.*

COMMUNICATION SCIENCES AND DISORDERS (CSD)

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 2 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 30 contact hours within pediatric and school-based populations, monthly meetings, and outside assignments. This course is required for all CSD majors. *Prerequisites: CSD 274.*

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 2 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 30 contact hours within more complex pediatric and geriatric populations in acute care,

rehab, long-term care, and/or other clinical settings. *Prerequisite: CSD 274 and 470.*

COMPUTER SCIENCE

Studies in Computer Science can lead to a Bachelor's degree or a Minor within the discipline.

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 (see pp. 106–107).

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:

128 credit hours

General Education Requirement:

57 credit hours

As partial fulfillment of the GER, CS majors should take the following courses:

Mth 103	Discrete Mathematics	3
CS 101/103	Intro to Computers/Funds of Programming	1 & 2 = 3
Science GER: Choose *ONE* of the following:		3
♣Chm 100	♣Intro to Chemistry	
♣PhS 100	♣Intro to Physics	
♣PsS 104	♣Elements of Astronomy	
♣PhS 110	♣Integrated Physical Science	
♣PhS 150H	♣Honors Physics	

COMPUTER SCIENCE CORE 39 credit hours**Foundation Requirements:** 12 credit hours

CS 110	Programming I	3
CS 111	Programming II	3
CS 210	Data Structures and Algorithms	3
CS 220	Computers and Ethics	3

Software Requirements: 15 credit hours

CS 312	System Analysis and Database Design	3
CS 330	Theory of Computation	3
CS 335	Artificial Intelligence	3
CS 340	Programming Languages	3
CS 420	Web and Mobile Apps Programming	3

Hardware Requirements: 9 credit hours

CS 320	Operating Systems	3
CS 370	Data Communication and Networking	3
CS 385	Computer Organization and Architecture	3

Research Requirements: 3 credit hours

CS 497	Senior Seminar I	1
CS 498	Senior Seminar II	1
CS 499	Senior Project	1

RELATED SUBJECT REQUIREMENTS: 18 credit hours

MATHEMATICS:		
Mth 211	Calculus I	4
Mth 212	Calculus II	4
Mth 213	Calculus III	4
Mth 308	Linear Algebra	3
NATURAL SCIENCE		3

CS majors must have two semesters of science. Students may take any one of the five science courses listed above that has NOT been taken as a GER course to fulfill the second science requirement.

♦*IF a student wishes, either of the following two-course sequences may be substituted for the Two semester Natural Science requirement: Chm 101/L and 102/L OR PhS 201/L and 202/L.*

CS Options for Free Electives (if needed for 128 hours):

CS 350	Computer Modeling and Simulation	3
CS 399	Independent Study	1–4
CS 410	Computer Topics (<i>may be taken twice if different topics</i>)	3
CS 495	Computer Science Internship	1–3
Mth 305	Differential Equations	3

Electives: To total 128 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 course work, 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): 57 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: 15 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 490	Programming Projects Seminar for Minors	3

CS Electives: 6 credit hours

Students must choose at least two (2) 300–400 courses from the Computer Science program course list.

RELATED SUBJECT REQUIREMENTS: 4 credit hours

Mth 211	Calculus I	4
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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 TOuse 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.*

DRAMA (SEE THEATRE)**ENGINEERING STUDIES**

The Associate of Science degree in Engineering Studies provides a rigorous course of study in the prerequisites of a four-year engineering program. All courses in the program are accepted for credit by the Engineering Schools of the University of Kentucky and the University of Louisville toward any of their specific engineering field programs. Generally, students from Brescia with this two-year degree should be able to complete a B.S. degree in engineering after two additional years at the University of Kentucky; however, some areas of engineering may require some summer course work if the Bachelor's degree is to be completed in four years.

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:		63 credit hours
General Education Requirement:		27 credit hours
Additional or specific requirements include:		
Social and Behavioral Sciences: one additional course		3 credit hours
Fine Arts: one additional course		3 credit hours
Engineering Requirements:		16 credit hours
Chm 101	General Chemistry I <i>and</i>	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II <i>and</i>	3
Chm 102L	General Chemistry II Lab	1
PhS 201	General Physics I <i>and</i>	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II <i>and</i>	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 <i>OR</i> 308	Differential Equations <i>OR</i> Linear Algebra	(3)

Electives: To total 63 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: 63 credit hours

General Education Requirement: 27 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 <i>and</i>	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II <i>and</i>	3
Chm 102L	General Chemistry II Lab	1
Chm 205	Analytical Chemistry <i>and</i>	3
Chm 205L	Analytical Chemistry Lab	1
Chm 301	Organic Chemistry I <i>and</i>	3
Chm 301L	Organic Chemistry I Lab	1
PhS 100	Introduction to Physics	3
Phs 105	Introduction to Geology <i>OR</i>	(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 63 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: 128 credit hours

General Education Requirement: 57 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)
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Electives: To total 128 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: 128 credit hours



General Education Requirement: 57 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 128 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, pp. 158 and 161–162.

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:

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** *(see also pp. 158 and 161)***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
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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.*

***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, **OPEN 24 HOURS**. *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 non-fiction enables students to understand and evaluate the cultural legacy of marginalized communities. *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, Dreiser, 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: **128 credit hours**

General Education Requirement: **57 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 (<i>Math GER</i>)	4
Eco 201	Economic Concepts I (<i>Soc/Behav Sciences GER</i>)	3
CS 110	Programming I (<i>Math/Science Computer Competency</i>)	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 <i>or</i> Mth 313	Business Statistics <i>or</i> 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 <i>or</i> CS 330	Numerical Analysis <i>or</i> Theory of Computation	3
Mth 415 <i>or</i> CS 351	Operations Research <i>or</i> Computer Modeling and Simulation	3
CS 111	Programming II	3
CS 210	Data Structures and Algorithms	3

Electives: **To total 128 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 *Catalog* (see pp. 78 ff., 93 ff., and 121 ff.). 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: 128 credit hours

General Education Requirement: 57 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 <i>OR</i> 351	Printmaking I <i>OR</i> II	(3)
Art 418	Special Problems in Graphic Design	3

Major Subject Electives: (Upper-Division Courses) (9 credit hours)

Electives: To total 128 credit hours

Computer Competency is met through the major.

Graphic Design COURSE DESCRIPTIONS are found within “Art Course Descriptions,” pp. 61ff.

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: 128 credit hours

General Education Requirement: 57 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 insure 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	19 th 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 128 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 enclaves 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.*

***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 Thea-

ter (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.

***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 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:

- a Trustees' Scholarship **OR**
- a 25 on the ACT
- a 3.5 high school GPA and
- a record of extra-curricular 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
- Second Year: 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. Ursula Hall, with 16-18 spaces for Honors College students, offers a comfortable, quiet home-style residence for on-campus students.

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* (but not as an appreciation course). *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*.

***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 enclaves 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 201. 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 informed 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 informed 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:

63 credit hours

General Education Requirement:

27 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 63 credit hours

Computer Competency is met through CS 105, IDC 205, or a computer science GER equivalent.

Math Competency: See p. 44; competency is demonstrated with successful completion of Mth 006 or a college-level math course.

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: 128 credit hours

General Education Requirement: 57 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 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.

Career Electives: (6 credit hours)

Must be two courses (beyond GER requirements) appropriate to student career aspirations, such as Psychology, Biology, Business, Education, Modern Language, Philosophy/Theology, or Social Work

Electives:

To total 63 credit hours

Computer Competency is met though CS 105, IDC 205, or a computer science GER equivalent.

Math Competency: See p. 44; competency is demonstrated with successful completion of Mth 006 or a college-level math course.

B. A. or B. S. DEGREE WITH A MAJOR IN INTEGRATED STUDIES

(OCTC partnership—A.A.S. graduates only)

For A.A.S. graduates of OCTC, 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:**128 credit hours**

OCTC graduates with an AAS degree may transfer in up to 69 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

OCTC 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:**48-57 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 OCTC as ONE of
 the Areas of Concentration;

all OCTC 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

IS 499 Senior Capstone

3

UD Theology

3

UD Literature

3

UD Fine Arts

3

UD Philosophy

3

UD

3

UD

3

UD

3

To total 128 credit hours

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

A. A. or A. S. DEGREE WITH A MAJOR IN INTEGRATED STUDIES

Required to Graduate: 63 credit hours

General Education Requirement: 27/28 credit hours

Areas of concentration (15 credits in two areas): 30 credit hours

Electives: To total 63 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 63 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 63 credit hours

Computer Competency: met through requirement listed for one of the areas of concentration.

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.

***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 employment 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 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.*

LIBERAL ARTS

The Liberal Arts degree serves a three-fold purpose. First, it provides students who have not yet determined a career or major area of academic focus with an opportunity to obtain a college degree. Second, it enables students to earn an associate degree that fulfills the majority of their General Education Requirements in preparation for a later pursuit of a baccalaureate degree. Finally, it offers students the opportunity to expand their educational horizons, exploring some of the broad spectrum of human knowledge and culture for its own sake, while at the same time earning a degree.

A. A. DEGREE WITH A MAJOR IN LIBERAL ARTS**Required to Graduate:****63 credit hours****General Education Requirement:****27 credit hours**

Eng 101 Writing I

3

Eng 102 Writing II

3

(Students who receive Advanced Placement Credit in English may fulfill their six-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 Speech **OR** Basic Methods of Acting

3

Th__ Theology Elective

(3)

Art 180/Drm 141/Mus 100 Fine Arts Appreciation

(3)

Mth__ Math Elective

(3)

Psy__/Soc 204 Psychology or Sociology

(3)

Electives from two (2) of the Liberal Arts Major courses
below

(6)

Major Subject Requirements:**15 credit hours**

A course in each of the following areas must be taken unless it has been taken within the GER Requirements outlined above:

Eng __ GER Literature Course

(3)

Art/Drm/Mus__ GER Fine Arts Course (not Appreciation)

(3)

Frn/Spn __ GER Modern Language

(3)

Th __ 2nd GER Theology Course

(3)

Bio/Chm/PhS GER Science Course

(3)

Phl __ GER Philosophy Course

(3)

His __ GER Global History Course

(3)

Electives:

To total 63 credit hours

Computer Competency is met through the following: CS 107, CS 108, and IdC 100, **OR** through CS 105 or IDC 205.

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 (see pp. 106–107).

B. S. DEGREE WITH A MAJOR IN MATHEMATICS

Required to Graduate: **128 credit hours**

General Education Requirement: **57 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 <i>OR</i>	(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)

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 and Simulation	(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)
PsS 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
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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	Databases	(1)
CS 111	Programming II	(3)
CS 340	Programming Languages	(3)
Edu 246	Technology Application and Integration in Education	(3)

Electives:

To total 128 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, pp. 158 and 161.

MIDDLE SCHOOL TEACHING AREA IN MATHEMATICS (see also pp. 158, 161)

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 005 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 006. Tutorial sessions required. *Prerequisite: ACT math score of 16 or below.*

Mth 006 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 005 or ACT math score of 17 or 18.*

Mth 101 Mathematics for Liberal Arts3 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 Truth3 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 Mathematics3 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 I3 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 II3 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 Calculus3 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*, p. 68.

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: **15/16 credit hours**

Mus 111	Music Theory I	4
Mus 201	History of Music I	3
Mus 12x, 13x, 14x, 15x, or 16x	Applied Music (two semesters for one credit each)	2
Mus 130-2	Applied Piano ♦	(1)
Mus 17x, 18x, 19x	Ensembles (four [4] semesters for one credit each)	4
Mus 22x, 23x, 24x, 25x, or 26x	Applied Music (one or two semesters ♦ for one credit each)	1 or 2

Music Electives: **6 credit hours**

Choose any two (2) of the following:

Mus 204	Music for Classroom Teachers	(3)
Mus 211	Music Theory II	(3)
Mus 300	Americana Music Triangle	(3)
Mus 301	History of Music II	(3)
Mus 305	World Music	(3)
Mus 308	History of Church Music	(3)
[Mus 320	Conducting] – <i>in development</i>	(3)
Mus 399	Independent Study	

♦ Students must attain piano proficiency in addition to their main instrument/voice. This is achieved through Mus 130-2, or by approval of the piano instructor after an audition by the student. If Mus 120-2 is required, the student will take three (3) semesters of their applied instrument instead of four (4).

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 111 Music Theory I *4 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*. *Open ONLY to Honors College students.*

Mus 120–127 / Mus 220–227 Applied Music—Guitar/Strings *1 credit hour*

Thirty-minute weekly private lessons in guitar or string instrument. *Prerequisite: Instructor permission.*

Mus 130–137 / Mus 230–237 Applied Music—Piano/Organ *1 credit hour*

Thirty-minute weekly private lessons in keyboard. *Prerequisite: Instructor.*

Music 140–147 / Mus 240–247 Applied Music—Voice *1 credit hour*

Thirty minute weekly private lessons in singing/voice. *Prerequisite: Instructor permission.*

Music 150–157 / Mus 250–257 Applied Music—Winds *1 credit hour*

Thirty minute weekly private lessons in woodwind or brass instrument. *Prerequisite: Instructor permission.*

Music 160–167 / Mus 260–267 Applied Music—Percussion *1 credit hour*

Thirty minute weekly private lessons in percussion instrument(s). *Prerequisite: Instructor permission.*

Mus 170-177/*Mus 170-177P – Choral Ensemble *1 hour (performance) OR 3 credits (lecture/perf.)*

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. Performance course may be repeated up to eight (8) semesters with sequential numbering. Only the three-credit hour option that includes both academic instruction and performance practice may be used to satisfy FINE ARTS GER.

Mus 180–187/*Mus 180–187P – Handbell Choir *1 hour (performance) OR 3 credits (lecture/perf.)*

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. Only the three-credit hour option that includes both academic instruction and performance practice may be used to satisfy FINE ARTS GER.

Mus 190–197/*Mus 190–197P – University Band 1 hour (performance) OR 3 credits (lecture/perf.)
 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. Performance course may be repeated up to eight (8) semesters with sequential numbering. Only the three-credit hour option that includes both academic instruction and performance practice may be used to satisfy FINE ARTS GER.

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 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:		15 credit hours
Phl 103	Introduction to Philosophy	3
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)
<i>Choose two (2) of the following:</i>		
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 <i>and</i>	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II <i>and</i>	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. Laboratory.

***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. Laboratory.

***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.

PhS 202L General Physics II Lab 1 credit hour
Generally taken with PhS 202.

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
Generally taken with PhS 350.

1 credit hour

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: **128 credit hours**

General Education Requirement: **57 credit hours**

GER should include Eco 201 Economic Concepts – Macroeconomics

3

Major in Political Science Requirement: **54 credit hours**

Major Subject Requirements: **18 credit hours**

Pls 100	Introduction to Political Science	3
Pls 201	American 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
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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.

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 128 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: 63 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 201	American 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
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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)

POLITICAL SCIENCE

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 63 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:

15 credit hours

Pls 100	Introduction to Political Science	3
Pls 201	American 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

Political Science Electives:

(9 credit hours)

Choose three (3) upper-division (300- or 400-level) courses from Political Science course offerings.

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 201 American 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 201. 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

Introduction to the theoretical approaches in the study of comparative politics. Students will compare the nature of governance and society in various types of domestic systems, accounting for history, political institutions, culture, economic policy, and civil rights and liberties. *Prerequisite: Pls 200, Pls 201, or permission of the instructor.*

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 201 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 201 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 201 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 201 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 201, 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 201.*

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 201 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.*

PRE-LAW STUDIES

The goal of this interdisciplinary program is to prepare students for admission to law school and for the completion of a law degree. Although law schools have no specific course requirements for admission, there is a certain knowledge base and set of skills that is useful to law students and to attorneys. (**NOTE: Successful completion of this degree program does not guarantee admission into law school.**) This program also equips graduates entering the workforce in non-discipline-specific jobs with the kinds of strong critical thinking, communication, and writing skills that employers continue to seek. The pre-law studies degree is anchored in three major disciplines that develop these skills by providing a strong background in history, philosophy, and political science. The program objectives are based on information provided in *The Official Guide to ABA Approved Law Schools*, published by the American Bar Association and by the Law School Admission Council (2011 edition). The program offers opportunities for internships in settings with first-hand experience such as law offices, businesses, judicial offices, or government agencies.

To strengthen the student's academic background and provide additional career options, a student with a Pre-Law Studies major must complete a first major in another discipline. This major will be considered the primary major (for the purpose of its GERs); Pre-Law will be the second major. Pre-law is also available as a minor.

ADVISING NOTE: Two (2) Required Courses in one major can count as Electives in the 2nd major; if major requirements include any field in which GERs are required, additional courses in that field are not required for GER (Phil, His, Psy); *elective GERs* may be RELATED SUBJECT requirements but not MAJOR SUBJECT requirements.

B. A. or B. S. DEGREE IN PRE-LAW STUDIES

Required to Graduate: 128 credit hours

General Education Requirement: 57 credit hours

Major Subject Requirements: 24 credit hours

Pls 201	American Government	3
Pls 210	Introduction to the American Legal System	3
Pls 250	Politics and Social Issues	3
His 202	History of the United States II (since 1865)	3

His 316	England: 1485–1815	3
Phl 110	Applied Logic	3
Phl 231	Ethics and Morality	3
Pls 495	Pre-Law Internship	3

Major Subject Electives: (15 credit hours)

It is STRONGLY recommended that Pre-Law majors take at least one upper-division writing course (i.e., Eng 300 or Eng 309) as one of their major subject electives.

Choose five (5) courses or fifteen (15) hours from these upper-division courses:

Mgt 306	Management Concepts	(3)
Mkt 307	Marketing Concepts	(3)
Pls 303	Comparative Political Systems	(3)
Pls 310	Public Administration	(3)
Pls 313	State and Local Government	(3)
Pls 403	Public Policy	(3)
Pls 411	American Constitutional Law	(3)
Pls 405	Research Methods	(3)
Pls 495	Pre-Law Internship (<i>additional opportunities</i>)	(1-3)
Phl 300	History of Philosophy I	(3)
Phl 301	History of Philosophy II	(3)
Phl 346	Business Ethics	(3)
Phl 347	Ethics of Health Care	(3)
Phl 360	Philosophy of Law	(3)
Eng 300/400	Upper-Division English	(3)
His 300/400	Upper-Division History	(3)

Electives: To total 128 credit hours

Computer competency is met through IdC 100, CS 107, CS 108, or CS 109.

ACADEMIC MINOR IN PRE-LAW STUDIES 24 credit hours

Minor Subject Requirements: 15 credit hours

Pls 201	American Government	3
Pls 210	Introduction to the American Legal System	3
Pls 250	Politics and Social Issues	3
His 202	History of the United States II (since 1865)	3
Phl 110	Applied Logic	3

Minor Subject Electives: (9 credit hours)

Electives are the same as those listed above, along with His 316 and Phl 231

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. A. DEGREE WITH A MAJOR IN PSYCHOLOGY

Required to Graduate: 128 credit hours

General Education Requirement: 57 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 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: 3 credit hours

Mth 250	Statistics for Social Sciences	3
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Highly Recommended Electives/General Education Requirements: (6 credit hours)

Bio 100	Introduction to Biology	(3)
Psy 230	Women and Men: Their Relationships	(3)

Electives: To total 128 credit hours

Computer Competency is met through IdC 100.

A. S. DEGREE WITH A MAJOR IN PSYCHOLOGY

Required to Graduate: 63 credit hours

General Education Requirement: 27 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

PSYCHOLOGY

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	3
Soc 204	Principles of Sociology	3

Electives: To total 63 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 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**

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 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

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 humanistic 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** (see also pp. 158, 161)**Science Requirements:****24 credit hours****Biology:****12 credit hours**

Bio 105/105L	Ecology and Evolution <i>and</i> Ecology and Evolution Lab	4
Bio 115/115L	Molecular and Cellular Biology <i>and</i> Molecular Cell Lab	4
Bio 325/325L	Ecology <i>and</i> Ecology Lab OR	(4)
Bio 425/425L	Marine Biology <i>and</i> 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 <i>and</i> Gen Chemistry I Lab	(4)
Chm 102/102L	General Chemistry II <i>and</i> Gen Chemistry II Lab	(4)
Chm 205/205L	Quantitative Analysis <i>and</i> Quantitative Analysis Lab	(4)
PhS 104	Astronomy <i>OR</i>	(3)
PhS 105	Geology including Lab	(3)
PhS 110	Integrated Physical Science including Lab	(3)
PhS 201/201L	General Physics I <i>and</i> General Physics I Lab	(4)
PhS 202/202L	General Physics II <i>and</i> 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: 128 credit hours

General Education Requirement: 57 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 201	American 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 128 credit hours

Computer Competency is met through IdC 100.

B. A. DEGREE IN SOCIAL STUDIES with SECONDARY TEACHER CERTIFICATION

Required to Graduate: 128 credit hours

General Education Requirement: 57 credit hours

See the GERs for Teacher Education, pp. 159.

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, pp. 158 and 161.

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 201	American 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 (see also pp. 158, 161)

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)
	<i>(whichever was not taken previously to satisfy GER)</i>	
His 201	History of the United States I	3
His 202	History of the United States II	3
Pls 201	American Government	3
Soc 204	Principles of Sociology	3

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, and community 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 formal application for admission to the program:

- 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.*]
- Psy 105 Introduction to Psychology
- Soc 204 Principles of Sociology
- Mth 111 College Algebra and Trigonometry I (**OR** other college-level GER math course)
- SW 280 Introduction to Social Work
- 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 required 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 (18 hours): English writing (6), literature (3), modern language (3), speech (3), additional language or upper-literature (3).
 - b. Fine Arts (9 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 (9 hours): theology (6), 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: **128 credit hours**

General Education Requirement: **57 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 201	American Government	3
Pls 250	Politics and Social Issues	3
Psy 105	Introduction to Psychology	3
Soc 204	Principles of Sociology	3

Electives: To total 128 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, Φ Psy 105, Φ Soc 204, Φ Bio 100. (Φ 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 Φ SW 302 (Φ 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 the elderly and the special problems of growing old in today's society; services to the elderly 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, socio-economic 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, PIs 201 (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 Bachelor of Arts in Spanish prepares students at a high level of proficiency while providing the fundamental knowledge of a liberal arts education. Through an intensive study of Spanish language, literature, and culture, students have the opportunity to acquire a competitive degree. A study-abroad experience is offered for Spanish majors. 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*, or consult the Modern Language Coordinator.

The study of Spanish involves a four-course sequence that begins with Spn 101, a course designed for students without previous studies of Spanish and/or those who have completed a maximum of two years of high school Spanish. Students with three–four years of high school Spanish generally begin language studies with Spn 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, Heritage or native speakers of Spanish must take any 300- or 400- level course except Spn 314 or 315.

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

Required to Graduate: 128 credit hours

General Education Requirements: 57 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 (<i>majors only</i>)	(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 128 credit hours

Computer Competency is met through CS 107 and IdC 100.

B. A. DEGREE IN SPANISH with P-12 TEACHER EDUCATION CERTIFICATION

See also "Teacher Education," pp. 158, 162.

Required to Graduate: 128 credit hours

Major Requirements: 18 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
Spn 414	Methods of Teaching Spanish	3

Major Subject Electives: (15 credit hours)

Choose five (5) 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 (<i>majors only</i>)	(3)
Spn 411	Technical Spanish	(3)
Spn 412	Practicum: Experience Abroad	(3)
Spn 416	Spanish American Literature	(3)
Spn 420	Peninsular Spanish Literature II	(3)

Electives:

To total 128 credit hours

Computer Competency is met through Edu 246.**ACADEMIC MINOR IN SPANISH****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 three (3) 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 I3 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 II3 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 I3 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 II3 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 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 Speaking3 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) of the following:*

SM 350	Athletic Training	(3)
SM 400	Coaching Theory	(3)
Psy 370	Topics in Psychology—Sports Psychology	(3)

***Related Subject Requirements* 12 credit hours**

Acc 201	Principles of Accounting I	3
Eco 202	Economic Concepts II (Micro) <i>[may also be GER]</i>	3
Mkt 307	Marketing Concepts	3
Phl 346	Business Ethics <i>[may also be GER]</i>	3

**BUSINESS Majors pursuing a Sports Management Minor or Integrated Studies Majors combining these two disciplines must choose three (3) of the following options to fulfill the "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 <i>(or higher-level math)</i>	(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

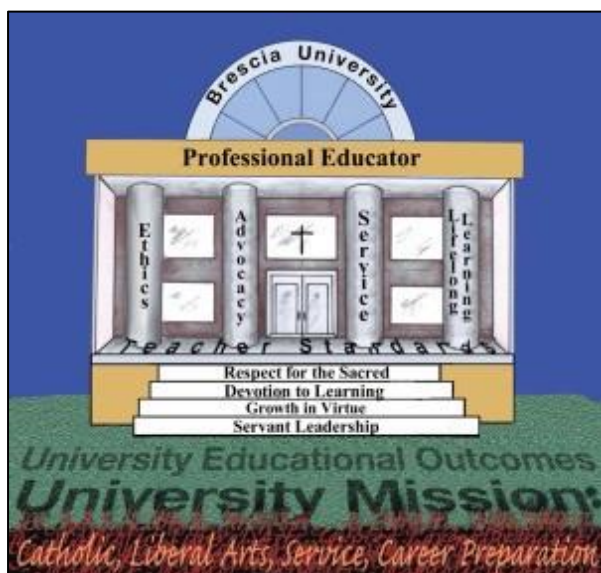
3–9 credit hours

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 or Spanish 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, February 1, or May 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:

1. Passing scores on the PRAXIS Core Academic Skills for Educators (CASE) test series;
2. Demonstration of teacher dispositions and written and oral competence;
3. Reference screening; and
4. 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. Prerequisites include:

1. Completion of required course work;
2. Submission of a professional portfolio;
3. Recommendation of faculty in area of certification and completion of PRAXIS specialty and PLT exams;
4. Completion of 200 field hours;
5. 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
6. 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.
7. 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:

1. Social and Behavioral Science courses must include three (3) hours of American history, preferably History of the United States (His 201 or 202), and
2. Natural Science courses must include both a biological science and a physical science with a lab included.
3. **NOTE:** For Elementary Education Majors, see “General Education/Liberal Arts Core” list of courses in the Elementary Education list of required courses on p. 160 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, 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 until June 30, 2020.

B. S. DEGREE with a MAJOR and KENTUCKY TEACHER CERTIFICATION
in ELEMENTARY EDUCATION (Certification: Elementary Education, Grades P–5)

Required to Graduate: **128 credit hours**

General Education Requirement: **57 credit hours**

See General Education/Liberal Arts Core below.

Professional Education – Elementary Major Subject Requirements: **53 credit hours**

Edu 204	Introduction to Education (<i>transfer students: See Edu 108</i>)	3
Edu 213	School Health, Nutrition, Safety, and the Environment	3
Edu 246	Technology Application and Integration in Education	3
Edu 255	Teaching Children w Diverse/Exceptional Ed'l Needs	3
Edu 257	Physical Education (P–5)	1
Psy 300	Developmental Psychology	3
Edu 301	Growth, Development, and Learning Theory	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 413	Curriculum and Classroom Management	3
Edu 415	Practicum – Elementary	1
Edu 434	Clinical Practice: Elementary Grades (P–5)	12

Related Subject Requirements: **15 credit hours**

Art 370	School Art Methods	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
Mus 204	Music for Classroom Teachers	3

General Education/Liberal Arts Core: **33 credit hours**

Bio 100	Introduction to Biology	3
Drm 141	Theatre Appreciation	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 200/201	Introduction to Political Science OR American Government	(3)
Soc 204	Principles of Sociology	3
Eco 204	Survey of Economics	3

Electives: To total 128 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: 128 credit hours

General Education Requirement: 57 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 (<i>transfer students: See Edu 108</i>)	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 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 412	Curriculum and Classroom Management for the Middle Grades	3
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 128 credit hours

Computer Competency is met through Edu 246.

**KENTUCKY TEACHER CERTIFICATION in SECONDARY EDUCATION
(Certification: Secondary, Grades 8–12)**

Required to Graduate: 128 credit hours

General Education Requirement: 57 credit hours

See General Education Requirement for Teacher Education.

Professional Education – Secondary Requirements: 37–41 credit hours

Edu 204	Introduction to Education (<i>transfer students: see Edu 108</i>)	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 340	Teaching Secondary School Subjects	3
Edu 360	Teaching Literacy across the Curriculum	3
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
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Teaching Major Requirement:

Consult CATALOG and advisor for specific teaching major requirements for Biology, English, Mathematics, and Social Studies.

Electives: To total 128 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: 57 credit hours

See General Education Requirement for Teacher Education, pp. 159, 160.

Professional Education Requirements: 37 credit hours

Follow Secondary Education, adding the following:

Edu 413	Curriculum and Classroom Management	3
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In addition to a Clinical Practice placement in an ELEMENTARY (P-5) setting, Art Education majors must select one (1) additional clinical practice setting:

*Middle School (5-9) **OR** Secondary (8-12).*

Both are combined during one semester in EDU 438 12 credit hours

Teaching Major Requirements: 45 credit hours

Consult CATALOG and advisor for specific teaching major requirements.

Electives: To total 133 credit hours

Computer Competency is met through Edu 246.

SPANISH EDUCATION with KENTUCKY TEACHER CERTIFICATION in GRADES P-12

Required to Graduate: 128 credit hours

General Education Requirement: 57 credit hours

See General Education Requirement for Teacher Education, pp. 159, 160.

Professional Education Requirements: 37 credit hours

Follow Secondary Education, adding the following:

Edu 413	Curriculum and Classroom Management	3
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In addition to a Clinical Practice placement in an ELEMENTARY (P-5) setting, Spanish Education majors must select one (1) additional clinical practice setting:

*Middle School (5-9) **OR** Secondary (8-12).*

Both are combined during one semester in EDU 438 12 credit hours

Teaching Major Requirements:

Consult CATALOG and advisor for specific teaching major requirements.

Electives:

To total 128 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:

- Total of sixty (60) field hours (10 per required EDU course and 30 in practicum)
- Six (6) hours modern language as prerequisite
- Certification in elementary, middle grades, or secondary education
- Passing ESL Praxis II exam before endorsement issued by Kentucky's EPSB

SPECIAL EDUCATION

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 128 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.



B. S. DEGREE with a MAJOR and with KENTUCKY TEACHER CERTIFICATION in SPECIAL EDUCATION

Required to Graduate: **128 credit hours**

General Education Requirement: **57 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 (<i>transfer students: See Edu 108</i>)	3
Edu 246	Technology Application and Integration in Education	3
Edu 255	Teaching Children w Diverse/Exceptional Ed'l Needs	3
Edu 256	Adaptive Physical Education	1
Psy 300	Developmental Psychology	3
Edu 301	Growth, Development, and Learning Theory	3
Edu 307	Early Childhood Special Education	3
Edu 337	Behavior Disorders: Techniques and Procedures	3
Edu 350	Diagnosis and Assessment in Special Education	3
Edu 441	Career Education and Family Life	3
Edu 443	Legal Aspects, Parental Issues, and the IEP	3

Note: Students pursuing Special Education Certification at Brescia University must seek Kentucky teacher certification in one or more of the following combinations:

- a) LBD, grades P–12, and Elementary Education, grades P–5; **OR**
- b) LBD, grades P–12, and Middle School, grades 5–9

KENTUCKY TEACHER CERTIFICATION in the area of LEARNING AND BEHAVIOR DISORDERS (LBD) — Grades P–12

LBD Requirements: **15 credit hours**

Edu 334	Introduction to Learning and Behavior Disorders	3
Edu 336	Methods: Learning and Behavior Disorders	3
Edu 418	Practicum – Special Education: LBD	1
Edu 437L	Clinical Practice: Special Education: LBD	8

LBD Electives: **(3 credit hours)**

Choose one (1) from the following:

Edu 430	Adaptive/Assistive Technology: Communication/Curricular Issues	(3)
CSD 240	Intro to Communications Disorders	(3)
CSD 250	Language Development	(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) **8 credit hours**

Related Subject Requirements:

See Elementary Education, Grades P–5.

KENTUCKY TEACHER CERTIFICATION in LBD, P–12, with Middle School, Grades 5–9

Professional Education – LBD Middle Grades Requirements:

11 credit hours

See Middle School, Grades 5–9. Replace Edu 435 (Middle School) with:

Edu 435L Clinical Practice: Middle Grades (5–9) **8**

Edu 213 School Health, Nutrition, Safety, and the Environment **3**

Related Subject Requirements:

9 credit hours

Art 370 School Art Methods *OR* (3)

Mus 204 Music for Classroom Teachers (3)

Mth 203 Fundamentals of Mathematics for Elementary Teachers I 3

Mth 204 Fundamentals of Mathematics for Elementary Teachers II 3

Academic Emphasis Requirements:

24 credit hours

See specialty area. Only one (1) specialty area is required, since Special Education Requirements replace one of the two specialty areas.

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.

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.

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.

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 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.*

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 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, appro-

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.*

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.*

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.*

Edu 431 Transition to Kindergarten Curriculum and Methods 3 credit hours

Methods, materials, and curriculum for planning and providing systematic instruction to individuals transitioning to and enrolled in kindergarten; included are children with and without identified disabilities. Focus is on individualized diagnosis, strategies, formative evaluation, collaboration, literacy development, and use of appropriate technology in the classroom. Service delivery systems and research findings are examined. Field experience is required. *Prerequisites: Admission to School of Education and completion of Edu 311 or permission of instructor.*

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 grades 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) 8 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 412.*

Edu 435L Clinical Practice: Middle School (5–9) 8 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 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) 8 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 8 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 Programs 12 credit hours

Observation, participation, and teaching experiences for a minimum of 70 days in approved P–12 public or private school; minimum of thirty-five (35) weeks in an elementary placement and a minimum of thirty-five (35) weeks in middle grades OR secondary placement. If a placement cannot be secured, a special request can be filed with EPSB for an alternative placement. Includes development of professional portfolio. *Prerequisite: Admission to clinical practice, course work through the junior year, and completion of all methods courses.*

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.*

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

Brescia's B.A. in Theatre is temporarily suspended. An academic minor in Theatre offers students the opportunity to add a theatre perspective to another major by including training in technical, performance, historical, and literary aspects of theatre. Four basic three-credit technical courses (fundamentals of production, stagecraft, stage electrics, costume technology and makeup) are taught at Owensboro Community and Technical College (OCTC). They are seamlessly incorporated into the Brescia degree program through a shared agreement (by which the courses may be taken as part of Brescia tuition). This arrangement allows Brescia students to use high quality technology, computer systems, and other technical equipment designed specifically for theatre arts. Opportunities to work at Owensboro's performing arts theatre, the RiverPark Center (RPC), are available as part of technical and practicum course offerings. The one (1) hour technical practicum will be taught/ supervised by Brescia faculty.

In addition to the academic minor in 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.

ACADEMIC MINOR IN THEATRE**21 credit hours****General Education Requirements:**

Drm 141 — Theatre Appreciation, is strongly recommended as a general education course in the Fine Arts area.

Theatre Requirements:**12 credit hours**

Drm 120 Basic Methods of Acting 3

Drm 381 History of Drama 3

Select one (1) course from the following technical courses from OCTC/RPC:

THA 141 Costume Technology and Makeup (3)

THA 150 Fundamentals of Production (3)

THEATRE

THA 250	Stage Electrics	(3)
THA 260	Stagecraft	(3)
<i>Select one (1) additional course from the OCTC list of technical courses OR</i>		
Drm 300	Advanced Acting	(3)
Drm 321	Readers Theatre	(3)

Minor Electives:

<i>Select three (3) courses from the following:</i>		(9 credit hours)
Drm 130/230/330	1-hour practicum (x 3 courses)	(3)
Drm 300	Advanced Acting	(3)
Drm 321	Readers Theatre	(3)
Drm 325	Oral Interpretation	(3)
Drm 390/490	Special Topics	(3)
Eng 203	Introduction to Drama	(3)
Eng 360	Introduction to Shakespeare	(3)
THA 141	Costume Technology and Makeup (OCTC and RPC)	(3)
THA 150	Fundamentals of Production (OCTC and RPC)	(3)
THA 250	Stage Electrics (OCTC and RPC)	(3)
THA 260	Stagecraft (OCTC and RPC)	(3)

THEATRE COURSE DESCRIPTIONS

*GER Approved Course

***Drm 120 Basic Methods of Acting** *3 credit hours*

A course designed to introduce students to basic theoretical and practical techniques of movement, speech, improvisation, and character study with practical application through performance of play selections and students' written selections. *This course fulfills the GER Language and Literature Speech requirement (as an alternative to Sph 110); however, if this course is used to satisfy the Language and Literature GER, it may not be used simultaneously as a Fine Arts GER.*

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 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. Students will participate in the creation, selection, adaptation, and staging of literature in performance. *Prerequisite: Junior/senior status or permission of instructor.*

***Drm 325 Oral Interpretation** 3 credit hours
 A course designed to introduce students to the artistic process of studying literature through performance, with a focus on poetry and prose. This performance-based course serves as an upper-division elective for fulfillment of the Fine Arts GER. Introduction to the concepts of Oral Interpretation of Literature will be presented, and evaluated practice in the selection, adaptation, and presentation of poetry and prose in performance will be provided. The course is generally taught in the online format, but is offered in regular session as needed. *Prerequisite: Junior/senior status or instructor permission.*

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 381 History of Drama** 3 credit hours
 A survey of theatre history that explores the development, literature, and criticisms of drama from the Greeks to modern times. *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

The following courses may be taken at OCTC by Brescia students as part of their regular tuition (up to 18 credit hours) thanks to a consortium agreement between the two institutions.

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 back-stage 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.

The Living and Leading with Love (L³) Youth Theology Institute, funded by the Lilly Endowment, offers high school students (sophomores, juniors, and seniors) the opportunity to study and experience *caritas*, or self-giving love within the framework of IDENTIFY: Who am I as I encounter Jesus' call to love?, KNOWLEDGE: What does love mean and how am I to understand it?, and ACTION: What are my next faithful steps in putting love into action? The year-long program includes several retreat experiences, an online course, service opportunities, and both "in person" and virtual faith-sharing and community building. Students may take both courses within the program for college credit if they wish (see course descriptions below).

B. A. DEGREE WITH A MAJOR IN THEOLOGY

Required to Graduate: **128 credit hours**

General Education Requirement: **57 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 128 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: **128 credit hours**

General Education Requirement: **57 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 128 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)		
<i>Choose ONE (1) of the following:</i>		
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

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 L³ 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 L³ 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 Vocation3 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 Bible3 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 Family3 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 Issues3 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.*

Th 304 Pauline Epistles3 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 Wisdom3 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 Jesus3 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 informed 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

The minor in Women's Studies is an interdisciplinary program that focuses on women and gender, challenging students to acquire new perspectives and interpretations of women's diverse experiences, their history, and their changing roles in society. Courses in the Women's Studies minor help students link critical thinking to empowerment and to social responsibility.

The minor in Women's Studies complements most majors and is relevant to both male and female students seeking a liberal arts education. Students considering careers in law, medicine, social work, education, counseling, business, politics, and many other fields will benefit from the content and the analytical skills emphasized in Women's Studies courses.

The requirements for all Women's Studies minors are as follows:

1. a minimum of twenty-one (21) credits in approved courses, at least twelve (12) of which must be at the 300-level or above;
2. a minimum grade of "C" in all courses used to fulfill minor requirements; and
3. completion of an approved minor program signed by the academic advisor for the Women's Studies minor. Any changes to this form must be approved in writing by the advisor.

ACADEMIC MINOR IN WOMEN'S STUDIES

Course Requirements: **21 credit hours**

Required Core Course: **3 credit hours**

WS 499 Women's Studies Seminar 3

Interdisciplinary Electives: **(18 credit hours)**

Choose courses from a minimum of three (3) disciplines with no more than three (3) courses in any one discipline:

His 330	History of Women in America	(3)
Pls 250	Politics and Social Issues	(3)
Psy 201	Women and Psychology	(3)
Psy 230	Women and Men: Their Relationships	(3)
Psy 300	Developmental Psychology	(3)
SW 326	Women at Risk	(3)
Th 250H	Women and the Bible	(3)
Th 302	Christian Marriage and Family	(3)
Th 310	Women in Christian Tradition	(3)
WS 302	Contemporary Women	(3)

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 <i>and</i>	3
Chm 101L	General Chemistry I Lab	1
Chm 102	General Chemistry II <i>and</i>	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 <i>and</i>	3
PhS 201L	General Physics I Lab	1
PhS 202	General Physics II <i>and</i>	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 may either pursue a Pre-Law Studies major (see above, p 137, for program requirements) or follow 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, p. 69 above.

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

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 two different graduate programs, the Master of Business Administration (MBA) and the Master of Science in Management (MSM). These distinct degrees, offered in different formats, allow students the opportunity to pursue coursework more specifically allied with their chosen career paths.

MASTER OF BUSINESS ADMINISTRATION (MBA)

Description: The MBA is an 18–21-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.

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.

1. **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.
2. **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.
3. **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.
4. **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.

5. **Commencement:** To participate in the spring commencement, the student must have completed all the degree requirements or have a maximum of three (3) hours to complete. That student must file a plan with the Registrar detailing how those hours will be completed by the end of the first module of the following fall semester, and be pre-registered for the first module of the following fall.

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:

1. Complete all course work with a grade point average of 3.0 (B);
2. Apply for candidacy after completing a minimum of fifteen (15) credit hours and before completing twenty-one (21) credit hours; and
3. Earn 30 semester hours of credit and fulfill all course requirements within a maximum time limit of five years of matriculation.

***MBA Program Prerequisites*:** (not for admission to the program)

- Online Statistics module
- Online Economics Module
- Online Finance Module

*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 Graduate Programs at rohnn.sanderson@brescia.edu.

In order for a student to participate in the spring commencement, the student must have completed all the above listed requirements or have a maximum of three (3) hours to complete. That student must file a plan with the Registrar detailing how those hours will be completed by the end of the first module of the following fall semester, and be pre-registered for the first module of the following fall.

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 518	Supply Chain Management	3
MBA 600	Strategic Management	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 518 Supply Chain Management *3 credit hours*

Focus on inter-firm relationships, discussing quick response, just-in-time, and efficient consumer response techniques in the context of strategic alliances and the use of third-party providers. Topics covered include supply chain systems, process flow design, supply chain network design, total quality management, demand planning/management, inventory management, sales and operations planning, operational scheduling, just-in-time, distribution management (i.e., logistics), and supply chain integration.

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 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

MASTER OF SCIENCE IN MANAGEMENT (MSM) – ONLINE

MSM Program Goals: The primary goal of the Master of Science in Management (MSM) Program is to provide early and mid-career professionals with enhanced skills and abilities to prepare them for the social and ethical responsibility their futures hold. The program maintains the strong Brescia commitment to teaching and the creation of a highly participative and dynamic environment between faculty and students. To achieve this primary goal, the program seeks to develop the following key characteristics in its students:

1. **International Perspective** – Two entire courses, and parts of others, are devoted to awareness of global competitive strategies and global economics. Even the smallest companies in the region are becoming intensely aware of the shrinking global marketplace.
2. **Group Dynamics and Case Study Approach** – Students will work in teams with peers to solve real-world problems. Actual business cases are used as the basis for study groups. These groups simulate today's work environment and teach each student to maximize a group's ability to provide solutions.
3. **Outstanding Faculty** – Brescia's reputation for business education is unrivaled in the region. Faculty members assume several major roles with MSM candidates. As instructors and role models they are available to advise and consult with candidates about professional and personal development as leaders and managers.
4. **Executive Online Format** – MSM classes meet in Brescia's popular eight-week online format (called modules). Students enroll for four (4) credit hours per "module," with four modules per year. This format recognizes students' significant commitment to work and family.
5. **Ethics** – One of the most pressing topics in business today is the need for ethical managers and decision-makers. Brescia recognized this need in 1992 when it designed the MSM program. Students will benefit from the long liberal arts tradition of the University that includes emphasis on ethics.
6. **Value** – At only \$500.00 per credit hour (2018–2019 rates), students who compare the quality and diversity of Brescia's faculty, the convenience of scheduling, and the strength of course work with any other graduate business degree program will see that the MSM at Brescia University is a great value.

The MSM Learning Process: The MSM degree program, offered entirely online, 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, and multiple-level writing assignments. Computer integration is essential 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 methodologies.

MSM Degree Requirements: The candidate must:

1. Complete all course work with a grade point average of 3.0 (B);
2. Apply for candidacy after completing a minimum of nineteen (19) credit hours and before completing twenty-five (25) credit hours; and
3. Earn thirty-two (32) semester hours of credit and fulfill all course requirements within a maximum time limit of six years of matriculation.

In order for a student to participate in the spring commencement, the student must have completed all the above listed requirements or have a maximum of four (4) hours to complete. That student must file a plan with the Registrar detailing how those hours will be completed by the end of the first module of the following fall semester, and be pre-registered for the first module of the following fall.

MSM PROGRAM CONTENT

The MSM curriculum is sharply focused on the skills, problems, and concepts important to practicing managers both now and in the future. The carefully designed eight-course sequence has been created to provide a practical, comprehensive, and futuristic curriculum that overcomes major criticisms of traditional programs. This curriculum is divided into two parts.

Initial courses are designed to extend and integrate the undergraduate core body of knowledge in developing a broad foundation of skills and knowledge in management. These initial courses employ a variety of processes to build analytical frameworks, develop technical skills, and introduce concepts. The curriculum challenges students to move beyond analysis to action and implementation. Through its functional integration, the coursework accelerates the development of sound judgment and professional maturity. The first four courses include *Management and Organizational Policy and Practice*; *Leadership, Power, and Influence*; *The Legal Environment of Management*; and *Human Resource Management and Organization Development*.

The second portion of the program provides students with the opportunity to synthesize and integrate the skills developed into a more complete understanding of the organization and its environments. By assuming the roles of various decision-makers and preparing cases and related materials dealing with broad policy and implementation issues, students learn how to analyze and take action within the complexity of the organization in its entirety. The final four courses include *Business, Government, and the International Economy*; *Industry Analysis and Global Competitive Strategy*; *Management of Organizational Functions*; and *Advanced Managerial Topics*.

In each course, a number of complementary fields of management are combined into an integrated understanding of key issues. Accordingly, the students achieve proficiency in each of the areas as well as in understanding their interrelationships. Moreover, learning continues to be cumulative so that skills and insights gained in a given course are reinforced and built upon in subsequent courses.

Required Courses:		32 credit hours
BAd 510	Management and Organizational Policy and Practice	4
BAd 520	Leadership, Power, and Influence	4
BAd 560	The Legal Environment of Management	4
BAd 580	Human Resource and Organization Development	4
BAd 610	Business, Government, and the International Economy	4
BAd 620	Industry Analysis and Global Competitive Strategy	4
BAd 640	Management of Organization Functions	4
BAd 651	Advanced Managerial Topics	4

MSM COURSE DESCRIPTIONS

BAd 510 Management and Organizational Policy and Practice *4 credit hours*

This course is designed to provide an introduction to 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 organizations 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.

BAd 520 Leadership, Power, and Influence*4 credit hours*

The purpose of this course is to examine, consider, and experience the kind of leadership that will be required to create and maintain high levels of organizational excellence in the future. The course will consider the following questions: How do we de-bureaucratize our existing organizations? Who will lead these organizations to higher levels of quality, productivity, and effectiveness? How do such leaders instill a stronger sense of vision, mission, a higher purpose, greater feelings of urgency and importance into the lives of the people doing the work? This course addresses the process of asking and answering these types of questions and helps students integrate their own answers into their lives and their practice of management. The course also explores such issues as power dynamics in organizations, methods by which managers acquire and use influence, and the use of power in times of crisis.

BAd 560 The Legal Environment of Management*4 credit hours*

This course seeks to heighten students' awareness of the role of government, administrative agencies, and other forces in regulating business conduct and management decision making. Its principal goal is to help students understand the responsibilities of managers and modern organizations. The course provides a framework for thoughtful analysis and for developing practical, responsible plans of action. Students will explore conflicts between organizational and personal values, and ways of balancing obligations to government, agencies, and inside and outside constituencies. The course uses case studies, readings, and video materials to engage students intellectually and personally in the strategic, administrative, and ethical complexity of organizational decisions.

BAd 580 Human Resource and Organization Development*4 credit hours*

This course examines human resource development within the context of organization development and change. It focuses on human resource systems and policies as they enhance or constrain organizational effectiveness. The course works from a dynamic model of human resource and organization development, examining changing skills, motivations, values, and demographics as they affect employment and development practices. Emerging trends triggered by globalization and new technologies are also examined. An overriding consideration in the course will be the dimensions of organizational change, focusing on developing an understanding of alternative strategies for managing change as well as considerations which should guide choices between alternatives.

BAd 610 Business, Government, and the International Economy*4 credit hours*

This course takes an integrated conceptual approach to the analysis of the international environment and national economic strategies. It provides a management framework and analytical tools for evaluating trends in the economic, political, and social contexts of business throughout the world. Students compare development strategies in a variety of nations, consider their influence on business and organizations, and assess their impact on managerial decisions and international competitiveness. Monetary and fiscal policy, national economic performance, trade relations, and industrial policy are discussed, with attention to political concerns. Students analyze the key resource flows that tie nations together in order to understand better the structure and dynamics of international competition. Discussions focus on developments in the European Common Market, the opening of markets in Eastern Europe, and emerging trends in Pacific Rim and Latin American markets.

BAd 620 Industry Analysis and Global Competitive Strategy*4 credit hours*

This course will be taught from a strategic management perspective with global strategy, strategic change, and international competitiveness as its central themes. The formulation of competitive strategy requires an inclusive view of the overall operating environment. Market forces, competition, government, and society all influence the development of a common set of strategic goals. Students learn how to analyze industries and how organizations position themselves for superior performance. Students also learn ways that organizations can enhance competitive advantages through strategically selected industries in which to participate and through coordinating the strategies of related units within the system.

The course also offers opportunities to study how companies in Asia, Europe, and North America have changed to become globally competitive through the excellence of their operations.

BAd 640 Management of Organization Functions

4 credit hours

The fundamental premise for this course is that each manager has both an operating and strategic sector in her/his position. The emphasis of the course is on decision making and implementation under uncertainty. The point of view is often that of the manager in the formative years of experience who must develop the ability to lead, take action, and operate effectively in a system generally designed by others in an environment typically not under her/his control. The content of the course emphasizes the use of hard and soft data in making the useful methods for conducting research, including data collection and statistical analysis, and continues the functional analysis begun in the Management and Organizational Policy and Practice course. High priority is given to the management of cross-functional issues and problems and extends to macroeconomics, research and development, global marketing, operations, and finance. Coverage of advanced topics from a multi-functional base continues to emphasize diagnosis, action-planning, and implementation. The course will also examine the principal concepts and processes required to manage today's large complex projects and critical issues related to individual and group behavior within the project management spectrum.

BAd 651 Advanced Managerial Topics

4 credit hours

This course provides students with the opportunity to examine in-depth a specific topic of current significance in managerial theory and practice. The primary criteria used to select the course topic are relevance and timeliness.

MSM FACULTY

Faculty members in the MSM 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 managers and executives assists in a continuous focus on both contemporary and future management issues.

Faculty members assume several major roles with MSM candidates. As teachers, their goals are to communicate clearly the course materials and to develop opportunities for real world applications. As role-models, faculty members 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. Both within and outside the classroom, they also engage candidates in self-development reflection and activities.

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

- Embrace humanistic-altruistic values by practicing with care, compassion, and kindness within a context of professional social work.
- Develop positive, constructive, professional relationships with people from diverse groups, instilling the belief that change is possible and honoring their different belief systems.
- Engage in the helping process through partnerships with clients and client systems, and by being authentically present in their interactions.
- Conceptualize the broader implications of current practice situations and take action to influence policies that contribute to social, economic, spiritual, and environmental justice.
- Use evidence-based practice, critical thinking, and creativity to accurately assess and intervene with clients facing complex problems in multi-system settings.
- 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.
- 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.
- 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).

1. Demonstrate ethical and professional behavior.
2. Engage diversity and difference in practice.
3. Advance human rights and social, economic, and environmental justice.
4. Engage in practice-informed research and research-informed practice.
5. Engage in policy practice.
6. Engage with individuals, families, groups, organizations, and communities.
7. Assess individuals, families, groups, organizations, and communities.
8. Intervene with individuals, families, groups, organizations, and communities.
9. 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;
- A synchronous, online (with webcam), introductory meeting with the student's advisor or other faculty that may be recorded for the purpose of authenticating 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.

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:

1. 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.
2. 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.
3. Students may be asked to take MSW 600 as their elective in the Specialization year.
4. All Generalist-year courses were completed no more than five (5) years ago and the student earned a grade of A or B in each course.
5. 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.
6. 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.
7. The sending program must be accredited or otherwise approved by CSWE.
8. 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 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

1. Complete all course work with a grade point average of 3.0 (B)
2. Complete all field education requirements
3. Earn 60 hours of credit and complete all course and field requirements (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 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 a total of 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 a total of 250 clock hours – approximately two days per week for 15 weeks.

MSW 600 The Intersection of Poverty, Human Rights, and the Philosophy of 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 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 a total of 250 clock hours – approximately two days per week for 15 weeks.

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.

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 a total of 250 clock hours – approximately two days per week for 15 weeks.

MSW 699 Capstone Thesis *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.

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 006; a student with an ACT of 16 or lower must take Mth 005 and Mth 006. 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 006 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 library offers access to its print and electronic collection of materials through an automated system that is available locally through the campus network and internationally via the internet. Numerous databases offering thousands of full text journals, numerous full text newspapers, and access to over 10,000 library catalogs are included in our resources. A current Brescia ID, which is a requirement for circulation privileges at the library, also provides borrowing privileges at other local area college and public libraries. Students accessing library databases off campus are required to use a current Brescia email address.

Physical facilities include quiet student carrels, a listening room, conference and seminar rooms, computer lab, group study rooms equipped with SmartBoard and multiple computer connections, photocopy and microfiche/film reader/printers, and computer terminals throughout the library.

Instruction on the use of the library and an online one-hour credit Information Resources class are offered on a regular basis.

The URSULINE CENTER FOR TEACHING AND LEARNING

The Ursuline Center for Teaching and Learning, with the assistance of a federal Title III SIP (Strengthening Institutional Programs) grant, provides academic support for Brescia University students while they pursue associate or baccalaureate degrees. Its programs are designed to improve retention and graduation rates of its participants. Among the services offered through the UCTL are the following:

- Tutoring, especially for freshmen and students on academic probation
- Advising, especially for exploring/undecided majors
- Assistance for basic math and writing skills, especially through its math and writing labs
- Peer mentoring, especially for sophomore students
- Career Counseling
- Various workshops on such topics as study skills, note-taking, test anxiety, stress reduction, and time management

The LEARNING CENTER

Tutoring is also available to Brescia University students through The Learning Center (TLC), located on the ground floor of the Fr. Leonard Alvey Library adjacent to the Ursuline Center for Teaching and Learning. Tutoring is sometimes offered at other locations on campus as well; signs are posted throughout campus at the beginning of each academic year.

TUTORING for ATHLETES

In addition to tutoring through The Learning Center, academic tutoring/coaching is available to non-freshmen athletes through the Academic Coach working with Student Affairs. The office of the Academic Coach for Athletics is located in 247 B-T Hall, (270) 686-4280. The UCTL's professional advisor offers tutoring for freshmen athletes.

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.

STUDENTS WITH DISABILITIES

Students with documented disabilities need to CONTACT THE Office of Disability Services @ disability.services@brescia.edu or by phone at the central disability services number: (270) 686-4206. At present this Office is staffed by two part-time staff who serve as Co-Coordinator: Morgan Russelburg (morgan.russelburg@brescia.edu) serves on-campus students, while Jennifer Cox (jennifer.cox@brescia.edu) serves online students. Needed academic accommodations will be facilitated through one of these Coordinators in collaboration with either individual instructors or through the UCTL, in coordination with the Office of the Academic Dean (VPAA); non-academic accommodations will be addressed through the Student Affairs Office. Students should be advised that high school IEPs do not automatically transfer to the college or university level. .

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