

Academic Catalog

Bethany Lutheran College

Effective August 1, 2019

Table of Contents

Academic Catalog	1
Introduction	3
Mission Statement	3
Location	3
Accreditation	3
Organization and Administration	4
Ownership and Control	4
General Officers of the Evangelical Lutheran Synod	4
Board of Regents	4
Advisory Members	4
History	4
Philosophy and Objectives of the College	5
Philosophy of the College	5
Objectives of the College	5
Non-Discrimination	6
Catalog Description	6
Position on Academic Freedom	6
ADMISSIONS INFORMATION	7
Admission Standards	7
Financial Aid Policies	7
Satisfactory Academic Progress Policy	7
Veteran Benefits	7
Changes in Fees and Schedules	7
Payment of Fees	7
Payment Options	8
Overdue Payments	8
Refund Policy	8
ACADEMIC INFORMATION	9
Academic Advising	9
The Ada Stokes Writing Center	9
Academic Support Services	9
Counseling Services	9
Data Privacy Policy	9
Directory Information	9
Internships	10
Independent Study	10
Reserve Officers' Training Corps (ROTC) Program	10
Study Abroad	10
Travel Courses	10
Academic Policies	11
Academic Honors - Dean's List	11
Academic Honor Code	11
Academic Probation/Suspension	11
Class Cancellation	12
Class Attendance	12
Credit Hours	12
Grades and Grade Point Averages	12
Repeating Courses	13
Classification of Students	13

Campus Life Policies.....	13
Registration Policies.....	14
Academic Load.....	14
Auditing Courses.....	14
Changes in Registration.....	14
Grade Change Policy.....	14
Incompletes.....	14
Pre-College Credit.....	14
Transcript of Record.....	14
Transfer Credits.....	15
Withdrawal from College.....	15
Graduation Requirements.....	16
Bachelor of Arts Degree.....	16
Graduation Application Process.....	16
Graduation Ceremony.....	16
Graduation with Honors.....	16
Common General Education Core Curriculum.....	17
Common General Education Core Requirements.....	17
MAJORS, MINORS, CERTIFICATES, AND DEGREES.....	21
American Studies Major.....	22
American Studies Minor.....	23
Art History Minor.....	24
Biochemistry Major.....	25
Biology Major.....	27
Biology Minor.....	28
Broad Field Social Studies (BFSS) Major.....	29
Business Administration Major.....	32
Business Administration Minor.....	34
Chemistry Major.....	35
Chemistry Minor.....	36
Communication Major.....	37
Communication Minor.....	38
Communication Disorders Minor.....	39
Computer Science Major.....	40
Computer Science Minor.....	41
Elementary Education (K-6) Major.....	42
Educational Studies Major.....	47
Engineering Sciences Major.....	48
English Major.....	51
English Minor.....	55
Exercise Science Major.....	56
Exercise Science Minor.....	57
Graphic Design Major.....	58
Graphic Design Minor.....	59
Health Communication Major.....	61
Health Communication Minor.....	62
History Major.....	63
History Minor.....	65
Information Systems Minor.....	65
Legal Studies Major.....	66
Legal Studies Minor.....	67
Liberal Arts Major.....	69
Mathematics Major.....	76
Mathematics Minor.....	78
Media Arts Major.....	79
Military Science and Leadership Minor.....	81
Music Major.....	81
Music Minor.....	84
Nursing Major.....	85
Paralegal Certificate.....	90

Philosophy Minor.....	91
Psychology Major.....	92
Psychology Minor.....	93
Religion Major.....	94
Religion Minor.....	95
Sociology Minor.....	96
Spanish Minor.....	96
Special Education Major.....	97
Studio Art Major.....	100
Studio Art Minor.....	102
Theatre Major.....	104
Theatre Minor.....	105
PRE-PROFESSIONAL PROGRAMS.....	106
Pre-Dentistry.....	106
Pre-Law.....	106
Pre-Medicine.....	107
Pre-Pharmacy.....	107
Pre-Physical Therapy.....	107
Pre-Seminary.....	108
Pre-Veterinary.....	109
Course Descriptions.....	110

The academic calendar is available on our website at www.blc.edu/academic-calendar.

LEGAL NOTICE: The material contained in this catalog is for information only. The College reserves the right to revise policies, amend rules, alter regulations, and change financial charges at any time in accordance with the best interests of the institution. Check our website at www.blc.edu for updates.

Introduction

For over 90 years Bethany Lutheran College has provided an exceptional education. It has maintained a consistent commitment to graduating dedicated individuals who demonstrate intellectual accomplishments, ethical judgment, and cultural awareness. Above all, the goal of the College has been to provide a Christian education focusing on the Gospel of Jesus Christ. Bethany Lutheran College seeks to be a community of faith and learning.

Mission Statement

Bethany Lutheran College provides Christian higher education in a challenging academic environment where personal mentoring guides students to pursue knowledge, truth, and discernment for productive and fulfilling lives.

Location

The Bethany Lutheran College campus overlooks the Minnesota River Valley in Mankato, Minnesota. The Mankato-North Mankato Metropolitan Statistical Area population is roughly 98,000. Mankato is located 80 miles southwest of Minneapolis/St. Paul, 80 miles west of Rochester, and 50 miles north of the Iowa border.

Accreditation

Bethany Lutheran College is accredited by
The Higher Learning Commission and
a member of the North Central Association,
30 North LaSalle Street, Suite 2400, Chicago, IL 60602-2504
(312) 263-0456 • www.ncahigherlearningcommission.org

Bethany Lutheran College is registered with the Minnesota Office of Higher Education pursuant to sections 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

Minnesota Office of Higher Education
1450 Energy Park Dr., Suite 350
St. Paul, MN 55108
www.ohe.state.mn.us – 651-642-0533

Organization and Administration

Ownership and Control

Bethany Lutheran College is owned and operated by the Evangelical Lutheran Synod.

Executive Cabinet of Bethany Lutheran College

Gene R. Pfeifer, PhD.....	President
Theodore E. Manthe, PhD	Vice President of Student Affairs
Rev. Donald L. Moldstad	Chaplain and Director of Campus Spiritual Life
Daniel L. Mundahl.....	Vice President of Finance and Administration
Jeff C. Lemke, EdD	Vice President of Admissions and Enrollment Management
Arthur P. Westphal.....	Vice President of Advancement
Donald M. Westphal.....	Athletic Director
Jason H. Lowrey, PhD.....	Vice President of Academic Affairs
Sara Burger-Edwards, JD	Advisory Legal Consultant to the President's Cabinet

General Officers of the Evangelical Lutheran Synod

Rev. John A. Moldstad, Jr., Mankato, Minnesota, President
Rev. Glenn Obenberger, Tacoma, Washington, Vice President
Rev. Craig A. Ferkenstad, St. Peter, Minnesota, Secretary

Board of Regents

Rev. Herbert C. Huhnerkoch,	Kissimmee, Florida
Rev. Mark F. Bartels,	Madison, Wisconsin
Rev. Alexander K. Ring	Port St. Lucie, Florida
Willis E. Anthony, PhD.....	St. Peter, Minnesota
Rev. Erwin J. Ekhoﬀ	Golden Valley, Minnesota
Lyle C. Fahning.....	Prior Lake, Minnesota
Mr. Timothy D. Roemhildt.....	North Mankato, Minnesota
Joshua T. Mears, PsyD	Lakeville, Minnesota
James L. Minor	Danbury, Wisconsin
William Soule.....	Chicago, Illinois
Timothy E. Thiele	Oconomowoc, Wisconsin
Rev. David C. Thompson	San Antonio, Texas

Advisory Members

Pres. Gene R. Pfeifer, PhD.....	Mankato, Minnesota
Pres. John A. Moldstad, Jr.	Mankato, Minnesota
Pres. Gaylin Schmeling.....	Mankato, Minnesota

History

Bethany opened its doors as a coeducational, liberal arts junior college of the Evangelical Lutheran Synod in 1927. Bethany transitioned to a four-year, baccalaureate-granting institution, awarding its first bachelor of arts degrees in May 2001.

The Evangelical Lutheran Synod (ELS), which operates Bethany, traces its roots to the Norwegian immigrant movement of the mid-nineteenth century. Throughout its history the Synod has consistently maintained its stance as a confessional Lutheran church body. The ELS is in church fellowship with the Wisconsin Evangelical Lutheran Synod (WELS) and over twenty other church bodies worldwide through its membership in the Confessional Evangelical Lutheran Conference.

Philosophy and Objectives of the College

Philosophy of the College

Bethany Lutheran College is a Christian liberal arts college. The College and the Evangelical Lutheran Synod are committed to the Holy Scriptures, the inspired and inerrant Word of God, as the sole authority for faith and life. The Lutheran Confessions are accepted as the correct understanding of the teachings of the Holy Scriptures. This commitment is summarized by the Reformation principles: Grace Alone, Faith Alone, and Scripture Alone. Specifically, the College confesses that through faith in Jesus Christ the individual receives the forgiveness of sins and eternal life. Such faith is produced in human hearts by the Holy Spirit through the Word and Sacraments.

The Christian faith governs the entire educational process at Bethany. Christian education implies a unique perspective on the past, present, and future. It assumes a specific view of people and their relationships both to God and to others. The College is committed to the position that these relationships are to be understood in the light of the knowledge that Jesus Christ is the Savior and the Lord of the universe.

Objectives of the College

In order to carry out the philosophy of the College, Bethany has the following specific objectives for the students:

Recognize that the historic Christian faith professes that God the Holy Trinity is the source of all knowledge and truth, and that His wisdom is most clearly revealed in the life, death, and resurrection of Jesus Christ.

Students will be able to:

- Demonstrate a working knowledge of the Bible, including describing and relating major doctrines of Christianity.
- Engage in biblical thinking that will frame an understanding of Jesus Christ, as revealed to humanity in Scripture.
- Evaluate decisions on the basis of the ethical truths found in Scripture.
- Reflect on how your course of study is shaping you for a life of Christian vocation in the family, church, and society.
- Demonstrate a rational defense for the historical basis of the Christian faith.

Demonstrate intellectual, creative, and problem-solving skills.

Students will be able to:

- Identify and correctly frame problems using appropriate content, theories, and methods.
- Work both collaboratively and independently to produce innovative applications of knowledge, creative expressions, or new insights connected to bodies of knowledge from various fields.
- Gather relevant information on an issue to formulate a defensible conclusion, new idea, or connections among ideas.
- Analyze quantitative and qualitative data using logical reasoning skills.
- Articulate a message effectively in oral and written forms.

Demonstrate an understanding of personal and public responsibility.

Students will be able to:

- Work as a discerning and compassionate participant within communities and across cultures.
- Reflect upon your involvement as an engaged citizen in different communities and cultures.
- Articulate how personal choices and stances impact you and others.
- Apply your education and skills to serve others.

Develop habits of thinking that apply to a fulfilling life of learning.

Students will be able to:

- Apply content knowledge and skills flexibly to new situations, including professional and vocational contexts.
- Reflect on learning experiences as you encounter new situations and develop short-term and long-term plans.
- Articulate your goals in alignment with your God-given strengths and interests.

To help fulfill these objectives, Bethany provides:

1. Religion courses, daily chapel services, and other opportunities for the exercise of the Christian faith;
2. A Common General Education Core Curriculum for all students; and
3. A growing number of majors culminating in a bachelor of arts or a bachelor of science in nursing degree.

Non-Discrimination

Bethany Lutheran College does not discriminate on the basis of sex, color, age, national origin, marital status, familial status, pregnancy, citizenship, creed, genetic information, disability, veteran status, status with regard to public assistance, membership in a local human rights commission, or other categories protected by law, in the administration of its educational policies, admissions policies, and financial aid programs. As permitted by law, Bethany has the right to exercise discretion in employment to employ persons who share and are committed to the Biblical tenets of the Evangelical Lutheran Synod and the values and mission of the College. Bethany has the right to exercise discretion in regards to education, employment, housing or use of facilities, and other school-administered programs which is consistent with the Biblical tenets of the Evangelical Lutheran Synod and the values and mission of the College. The College adheres to the requirements of Title IX of the 1972 Education Amendments, Sec. 504 of the Rehabilitation Act of 1973, and the ADA of 1990.

Catalog Description

The Academic Catalog serves as a contract for Bethany Lutheran College students, faculty, and staff. Bethany reserves the right to change the catalog information at any time without notification. The most up-to-date catalog information may be found on the college website: www.blc.edu. Bethany students are solely responsible for their academic success. Faculty advisors and staff members are always willing to guide the student, but Bethany Lutheran College employees do not assume any responsibility resulting in the student's failure to comply with the obligations listed in this catalog.

Catalog Selection: To earn a degree from Bethany a student must abide by the academic policies and procedures according to the catalog requirements dated during the time of entrance to Bethany, or the catalog that represents major(s), minor(s), and/or certifications approved after the student matriculated. Requirements must be met within seven years of the catalog issue date.

Position on Academic Freedom

Bethany Lutheran College, as a college of the Evangelical Lutheran Synod, accepts the Holy Scriptures as the inspired and inerrant word of God, and the sole authority for faith and life. The College is committed to the interpretation of Scripture found in the Lutheran Confessional writings (Book of Concord). As such, all professionals in the service of Bethany Lutheran College (faculty, administrators, and others) are expected to uphold these Christian truths in the classroom and wherever else they function as representing the College.

As members of a learned profession and officers of an institution of higher education, professionals representing Bethany Lutheran College are entitled and encouraged to enjoy full freedom and autonomy in performing their classroom and campus duties, speaking and writing, conducting research, pursuing publication, and fostering creativity, all under this commitment to the Scriptures and the confessions of the Lutheran Church.

A complete version of this policy can be obtained from the Vice President of Academic Affairs.

ADMISSIONS INFORMATION

Admission Standards

At Bethany, we look at each applicant individually, taking into consideration his or her total application. Applications are evaluated on the following criteria, listed in order of priority:

Grade point average in college prep classes

Standardized test score: ACT or SAT I; Bethany does not require the essay portion of the ACT, but does recommend it.

Bethany's ACT code is 2086; the SAT code is 6035.

Class selection

Overall grade point average

Motivation

References

Recommendations

This process allows the Admissions Committee to evaluate all the academic credentials of an applicant, without creating benchmark numbers that must be met. Students who would like an indication of their potential acceptance at Bethany are encouraged to contact us. We review applications as they are submitted and typically notify applicants of our admission decisions within ten business days. Applications should be submitted no later than July 1 (for fall semester enrollment) or December 10 (for spring semester enrollment). Applications are accepted after these dates, but there is no guarantee of consideration for the upcoming semester.

Financial Aid Policies

Bethany Lutheran College subscribes to the philosophy that the primary responsibility for meeting college costs rests with students and parents. Consequently, any financial aid supplied by the College supplements rather than replaces the financial assistance expected from the family. All financial aid programs are dependent on the availability of funds. Additional financial aid information can be found at www.blc.edu/financial-aid.

Satisfactory Academic Progress Policy

In order to receive or continue to receive financial assistance from any federal, state, or institutional student financial aid program, a student must maintain satisfactory academic progress. A detailed satisfactory academic progress statement is available in the Financial Aid Office.

Veteran Benefits

All courses and programs offered at Bethany Lutheran College are approved for veterans educational benefits by the Minnesota State Approving Agency of the Minnesota Department of Veterans Affairs. Veterans or veterans survivors planning to enroll should contact their local Veterans Administration office and the Registrar of the College at an early date so that application for benefits can be made. It should be noted that it is up to the veteran to take this first step.

Students receiving U.S. Department of Veterans Affairs Education assistance will not be eligible for benefits to re-take course(s) that they have already successfully completed simply to attempt a better grade. These students may retake the course(s) at their own expense, and any repeated course(s) credits will not count in their current enrollment towards full-time status.

Changes in Fees and Schedules

The College attempts to maintain all published charges throughout the academic year but reserves the right to make adjustments and change procedures should unforeseen conditions make it necessary.

Payment of Fees

All expenses and fees must be paid in full by August 10 for fall semester and January 10 for spring semester. The College will mail fall semester fee statements by July 15 and spring semester fee statements by December 5. These statements will include credits for financial aid if completed (except work-study, which is paid directly to the student) and the tuition deposit. Failure to pay the statement in full by August 10 or January 10, or file a payment program plan with Bethany by August 1 or January 1, will cause termination of classes, residence hall, and food service privileges.

Payment Options

Bethany realizes that individual student circumstances may not allow for the full semester payment by the due date. Bethany has developed a monthly payment plan that allows the student and their parent(s) to distribute each semester cost over four-month periods from August through November and from January through April.

The student and/or parent(s) will authorize Bethany Lutheran College to deduct one fourth of the student's tuition and other educational costs each month from a checking/savings account or a debit/credit card. The student/parent understands the payment deductions will occur on the 10th of each month. If the 10th falls on a weekend, the deduction will be made on the next business day. The processing fee for the monthly payment plan is \$25 per semester (non-refundable).

If financial aid packaging cannot be completed prior to the due date, due to tax filing or other issues, cash payment in the amount of \$2,000 is required by August 10 or January 10. A subsequent payment of \$2,000 will need to be made by September 10 or February 10, if financial aid package is still incomplete. If your financial aid package is not completed by October 10 or March 10, Bethany will terminate all classes, residence hall, and food service privileges, unless the remaining balance is paid in full. The College will withhold transcripts and all official college documents until the student's account has been cleared.

Overdue Payments

A student that fails to make payments according to the payment plan will be assessed finance charges of 1% per month on the outstanding balance. Bethany reserves the right to terminate all classes, residence hall, and food service privileges, unless the remaining balance is paid in full. The College will withhold transcripts and all official college documents until a student's account has been cleared.

Refund Policy

A student who wants to withdraw from college must follow Bethany's withdrawal procedures outlined by the Registrar's Office. After the withdrawal form is completed, and a withdrawal date is determined, the Business Office will calculate a refund for a percentage of the costs paid less any financial aid amount returned to the government or Bethany Lutheran College. The following tables show the amount that may be refunded:

Tuition/Fees/Room	Refund
Prior to the 1st day of classes	100%
Week 1	75%
Week 2	65%
Week 3	55%
Week 4	45%
After the 4th week	0

Board Prorated according to percentage of term attended.
(Number of weeks attended divided by 17 = percentage)

It is recommended that a student seeks counsel from the financial aid office before making the decision to withdraw early. The College is required to return federal aid to the government aid programs in accordance with the federal pro-rata policy, which may affect the final account balance for which a student is responsible. If financial aid is returned, the student will be responsible to pay the difference to the College.

ACADEMIC INFORMATION

Academic Programs and Services

Bethany Lutheran College offers a number of programs and services designed to assist students in their college careers. For additional information about academic affairs, contact the vice president of academic affairs.

Academic Advising

Bethany stresses the importance of the advisor/advisee relationship. All members of the faculty are available to advise students. Each student is assigned to a faculty advisor. The advisor assists the student in selecting courses and planning class schedules each semester as well as completing baccalaureate requirements. Students are also encouraged to consult with the Registrar or Vice President of Academic Affairs at any time during the year. Although faculty and advisors will help the student choose appropriate courses, the student is responsible for fulfilling all requirements. A degree will be awarded only if all requirements are met.

The Ada Stokes Writing Center

The primary mission of the Ada Stokes Writing Center is to help Bethany students grow as critical thinkers and writers. As such, tutors offer support in the areas of academic essay writing, creative writing, cover letter writing, resume development, and graduate application development. The Center is staffed with friendly and effective tutors who are dedicated to the writing process, including understanding assignments, brainstorming techniques, drafting, revising, and editing.

Academic Support Services

Bethany offers free academic support to all students through the Academic Resource Center (ARC). Tutors are available free of charge and may be obtained by contacting the Academic Resource Coordinator through the online tutor request form. The Academic Resource Center is open evenings as well as during select times during the school day for tutoring, group study, and test proctoring. Academic Resource advisors are able to work one on one with students needing extended academic support. The Academic Resource program also provides services for students with identified disabilities.

Counseling Services

Academic success may sometimes be impeded by personal concerns that block students' focus or mental health. For those seeking personal counseling, Bethany Lutheran College has partnered with Christian Family Solutions, who maintains an on-campus counseling center with daily office hours.

Data Privacy Policy

Family Educational Rights and Privacy Act (FERPA)— Release of Information: Bethany Lutheran College complies with the Family Educational Rights and Privacy Act. Students have the right to inspect and review their educational records. For information pertaining to FERPA, see www.blc.edu/FERPA.

Directory Information

Bethany Lutheran College designates the following categories of student information as public or “directory information.” Such information may be disclosed by the institution at its discretion.

Category I: Student’s name, local address/phone, permanent address/phone, e-mail address, date and place of birth, hometown.

Category II: Degree and awards/honors received and dates — including dean’s list, dates of attendance (current and past), full- or part-time enrollment status.

Category III: Participation in officially recognized activities, participation in officially recognized sports, weight/height of members of athletic teams, most recently attended educational institution, major field of study, academic level, residency status, photograph.

Students enrolled may withhold disclosure of any category of information under the Family Educational Rights and Privacy Act of 1974. To withhold disclosure, written notice must be received in the Registrar’s Office by the end of the first week of classes of the term. Bethany Lutheran College assumes that failure on the part of any student to specifically request the withholding of categories of “directory information” indicates individual approval for disclosure. Questions concerning the Family Educational Rights and Privacy Act may be referred to the registrar. More information can be found at www.blc.edu/student-right-know.

Internships

Bethany recognizes the need for students to enhance their classroom learning experiences through participation in internship programs. Part-time or full-time experiences outside of the classroom are closely related to the student's specific career and academic interests. Internships are encouraged for all majors. An internship must be approved and filed in the registrar's office before the internship begins. Tuition for internship credits is the same as for other credits earned at Bethany Lutheran College. Students applying for summer internships will be invoiced for the number of credits registered for during the summer months. Internship credits that result in a fall or spring semester load of more than 18 total credits will be charged the current full time overload tuition rate.

Independent Study

Independent Study involves specialized academic work done outside and beyond the regular curriculum under the supervision of a faculty member. It should not be used to provide credit for a course listed in the Academic Catalog but taught outside the published academic schedule. Independent Study is conducted as a tutorial, requiring tangible assessment of the student's project, in the form of a paper, project (e.g. a score) or exam. To be eligible for Independent Study, a student must have successfully completed at least two courses in the department granting credit and must be carrying a cumulative GPA of 3.0 or higher in the department in which the Independent Study is done. An Independent Study proposal must be approved and filed in the registrar's office before work begins.

Reserve Officers' Training Corps (ROTC) Program

Bethany Lutheran College participates in the U.S. Army Reserve Officers' Training Corps (ROTC) program through a joint agreement with Minnesota State University, Mankato. This four-year program enables students/cadets to compete for a commission as an officer in the United States Army, Army Reserve, or Army National Guard. Bethany Lutheran College credit is awarded for all courses in the program (see courses listed under "Military Science and Leadership"). A minor in military science and leadership also is available. Courses generally are taught on the MSU campus, but may be taught on the Bethany campus at the discretion of the U.S. Army.

The ROTC curriculum develops the student's leadership, managerial, and organizational abilities. Leadership skills acquired through ROTC and the practical application of skills provided in the program transfer easily to civilian career goals. ROTC graduates traditionally enter industrial and business career fields with a significant competitive edge.

For more information, contact:

Department of Military Science and Leadership

Minnesota State University

316 Wiecking Center, Mankato, MN 56001

507-389-6226/6229

<http://ed.mnsu.edu/armyrotc>

Study Abroad

Study abroad is an excellent complement to on-campus programming. Students gain a deeper understanding and appreciation of other cultures and learn about themselves, their own country and culture while earning academic credit. Early academic planning is key. The Study Abroad Office offers individualized counseling on the variety of options available for semester and summer programs.

Travel Courses

In addition to the standard curriculum, Bethany offers study tours designed to broaden the student's perspective, deepen understandings, and explore a variety of culturally interesting destinations. Various departments sponsor credit generating travel experiences. These opportunities are an important aspect of a liberal arts education. Travel courses may require additional fees.

Academic Policies

Academic Honors - Dean's List

The Dean of the College publishes a dean's list each semester. This gives recognition to students who have earned a minimum grade point average of 3.5 with at least fourteen academic credits earned in the semester.

Academic Honor Code

Bethany is a Christian liberal arts institution. Its fundamental purpose is Christian growth and the pursuit of knowledge. Consequently the principle of ethical academic integrity is an integral part of this community. Every student is expected to be honest. Academic plagiarism, cheating, and other misrepresentations are not condoned.

Bethany Lutheran College has an academic honor code in place to promote academic integrity and honor at this institution. All students are asked to become familiar with the code and sign a statement that they have read it, understand the policy, and are responsible for their academic actions. Their signed portion will be kept in the student's personal file. A more detailed description of the policy and procedures is on file in the Office of the Vice President of Academic Affairs, and is available upon request.

The Academic Honor code is as follows:

Based upon truths that human beings are gifted with reason and other intellectual abilities above all creatures, and that the moral law of God applies equally to all people, Bethany Lutheran College encourages personal academic integrity and respect for the intellectual work and influence of others.

Therefore, members of the Bethany Lutheran College community are committed to academic honesty. They will not intentionally violate the requirements of an assignment nor intentionally fail to credit sources. They will complete all assignments and examinations according to the requirements set forth by the professors and submit work that is theirs alone.

This code is applicable to all academic work completed by students at Bethany Lutheran College. It is to be regarded as an indication that the student understands and has complied with the requirements of the assignment as set forth by the professor and pledges in good conscience that the work is his/her own.

In order to uphold the standards of collegiate academics and the integrity of Bethany Lutheran College, the Vice President of Academic Affairs may place a student on academic probation or dismiss a student from college for academic irresponsibility.

Upon identifying an honor violation of any sort, the instructor may lower the student's grade on the assignment or in the course up to and including a failing grade. The violation is reported to the office of the Vice President of Academic Affairs.

Academic Probation/Suspension

In order to graduate with a bachelor of arts or bachelor of science in nursing degree a student must maintain a grade point average (GPA) of 2.0 or higher in addition to other requirements listed in the Academic Catalog. A student whose cumulative GPA falls below 2.0 is not demonstrating satisfactory academic progress and will be placed under academic discipline according to the following formula:

Credits Attempted	Cumulative GPA
Less than 25	1.50
25 but less than 49	1.75
49 and above	2.00

Typically a student is placed on academic probation for one semester. The Vice President of Academic Affairs may add additional conditions. If after the end of the probationary semester the student has not demonstrated satisfactory academic progress according to the formula above, that student may be suspended from the college. A student suspended at the end of the semester is ineligible for admission the following semester. The student who has been suspended has the right to petition the Office of the Vice President of Academic Affairs in writing for reinstatement and may receive a hearing before the Academic Affairs Committee.

To be readmitted following a suspension the student must file for readmission with the Office of Academic Affairs. Readmission is pending approval from the Office of Academic Affairs.

Bethany Lutheran College reserves the right to suspend a student whose scholastic achievement, general health, or conduct is such that continued enrollment would not be in the best interest of the student or the College.

Class Cancellation

Classes with unacceptably small enrollments may be cancelled for that semester by the administration of the College.

Class Attendance

Students are expected to attend classes regularly. The instructors reserve the right to lower student grades or recommend to the registrar students be dropped from class for excessive absences. Instructors will state their attendance policies at the beginning of each semester and include it in the course syllabus. The Vice President of Academic Affairs may place a student on academic probation or dismiss a student from college for excessive absences.

Credit Hours

College work is measured in credit hours. The value of each course given at the college level is expressed in semester credits. To earn semester credits, students are required to spend time engaging with their courses in one or more of the following ways: attending face-to-face or virtual class meetings, reading the course textbook or other assigned readings, interacting with activities and resources provided by the instructor, and participating in projects or experiential learning.

In a **semester face-to-face course** students are required to attend one class hour (50-minute period) of class work, or one laboratory period per week and perform a minimum of two hours of out-of-class work per week throughout a given semester. A semester is a school term of 16 weeks.

In a **semester online, hybrid, or directed study course** students are required to engage with class activities and resources for a reasonably equivalent amount of time compared to a face-to-face course, a minimum of three hours per week per credit hour.

In a **summer session course** students are required to engage with class activities and resources for a minimum of six hours per week per credit hour. Summer session is a school term of 8 weeks.

In an **independent study or internship** credit course students are expected to engage in the following minimum guidelines per credit hour:

- 1 credit = 45 hours of work/term;
- 2 credits = 90 hours of work/term;
- 3 credits = 135 hours of work/term;
- 4 credits = 180 hours of work/term

In an **accelerated semester term course** students are required to engage with class activities and resources for a reasonably equivalent amount of time compared to a typical semester long course of the same credit. Total minutes of instruction time should be reasonably equivalent to the same course extending throughout a 16-week semester.

Grades and Grade Point Averages

Grades are issued at midterm and end of semester. Only the final semester grade is recorded on the student's permanent record. The midterm grades are progress indicators and provide an opportunity for the instructor and advisor to counsel with students and suggest ways of improving their academic performance. Final grades are accessible via the student portal through MyBLC.

Scholastic standing is expressed in terms of letter grades. The following system of grades and honor/quality points is used:

Grade	Rating	Honor/Quality Points	Grade	Rating	Honor/Quality Points
A	<i>Excellent</i>	4 per credit	D+		1.33 per credit
A-		3.67 per credit	D	<i>Passing</i>	1 per credit
B+		3.33 per credit	D-		.67 per credit
B	<i>Good</i>	3 per credit	F	<i>Failing</i>	0
B-		2.67 per credit	I	<i>Incomplete</i>	0
C+		2.33 per credit	CR	<i>Credit</i>	0
C	<i>Average</i>	2 per credit	NC	<i>No Credit</i>	0
C-		1.67 per credit	WF	<i>Withdraw Failing</i>	0

W *Withdraw*, WP *Withdraw Passing* - not calculated in Honor/Quality Points

A student's grade point average (GPA) is determined by adding all grade points and dividing by the sum of all credits attempted. Example: if a student receives:

- an A in a four-credit course = 16 grade honor/quality points,
 - a B in a two-credit course = 6 grade honor/quality points,
 - a C– in a three-credit course = 5 grade honor/quality points,
- Total honor/quality points = 27
 Total credits = 9
 Grade point average = 27 divided by 9 = 3.0

Note: Honor points are labeled as Quality Points (Q. Points) on the Bethany transcript.

Repeating Courses

Courses may be repeated at Bethany Lutheran College to improve the letter grade. All courses attempted remain a part of the permanent record but only the highest grade is computed into the GPA. Repeating courses may have an impact on financial aid. Students should consult with the Financial Aid Office before repeating a course. Students receiving U.S. Department of Veterans Affairs Education assistance should reference the ‘Veteran Benefits’ section of the catalog. Students wishing to repeat a course more than twice must see the Registrar to enroll, unless the course is noted as repeatable in the catalog.

Classification of Students

Full-time: A student carrying at least 12 credits

Part-time: *3/4 time:* A student enrolled for at least 9 credits but fewer than 12 credits.

1/2 time: A student enrolled for at least 6 credits but fewer than 9 credits.

Less than half-time: A student enrolled for fewer than 6 credits.

Students are classified according to the number of semester hours of college credit earned.

Freshman: Below 28 credit hours

Junior: 65+ credit hours

Sophomore: 28+ credit hours

Senior: 95+ credit hours

Students who have earned 47 or more credits may register for Upper Division (300 and 400 level) courses.

Campus Life Policies

Bethany Lutheran College’s student guidebook contains information, policies, guidelines, and standards pertaining to campus life at Bethany Lutheran College. The student guidebook is available online at blc.edu/student-guide. Students are expected to be familiar and comply with its contents.

Registration Policies

Academic Load

The normal class load for the semester is 15-18 semester hours. Full-time students may register for 12-18 semester credits. After the first semester of attendance, those who have maintained a cumulative GPA of 3.2 or better may petition the Vice President of Academic Affairs for permission to carry an additional load. A charge is made for each credit hour in excess of 18, excluding overload exempt courses. Students with outside employment should make necessary adjustments in the number of hours they attempt to carry.

Auditing Courses

Registered full-time students may audit courses, at no charge, with the consent of the instructor. Part-time students who audit are billed per credit. Auditors do not engage in laboratory or studio activities and do not take examinations in courses audited. Audited courses carry no credit and do not qualify for credit by special examination.

Changes in Registration

Students should plan their academic programs carefully so that changes in registration may be kept to a minimum. When necessary, the student may make course changes after consultation with the advisor and the registrar.

Drop-Add. A student who wishes to drop or add a course must first complete a “Drop-Add” form, have the advisor sign it and submit it to the registrar. *Not attending class does not constitute formal withdrawal.*

Withdrawal from a course. If a withdrawal from a course takes place during the first five days of the semester, the registration is cancelled. If a withdrawal occurs during the second through the 10th week according to the college’s academic calendar, a grade of W (Withdraw) is issued. If a withdrawal takes place during the 11th through 12th week according to the college’s academic calendar, a grade of WF (Withdraw-Failing) or WP (Withdraw-Passing) is issued. A withdrawal after the 12th week according to the college’s academic calendar will result in an F grade. A WF is rated the same as an F in computing the grade point average. *Not attending class does not constitute formal withdrawal.*

Adding a course. A student may add a course only within the first five days of the semester. Students looking to add a course day six thru day 10 may do so only with permission from the course instructor and the Vice President of Academic Affairs.

Grade Change Policy

Once a grade has been submitted it can only be changed if the instructor entered an incorrect grade due to a clerical error or miscalculation. Grade changes must be requested by the instructor within six months from the end of the semester. No additional work or completion of outstanding work by the student can be used to improve a grade after it has been submitted. Exceptions to this policy can only be made with the approval of the Vice President of Academic Affairs.

Incompletes

Grades of Incomplete (I) are only used when circumstances beyond the student’s control prevent the student from finishing coursework and if the student has made arrangements with the instructor to complete coursework that is outstanding prior to grades being issued for the semester. If a student receives a grade of Incomplete (I), the incomplete work must be completed within 30 calendar days from the last day of the semester in which the Incomplete was issued. If a longer period of time has not been granted by special permission, the incomplete will automatically be recorded on the student’s transcript as an F once the 30 calendar day time frame has expired. Exceptions to this policy can only be made with the approval of the Vice President of Academic Affairs.

Pre-College Credit

Students who score 50 or higher on the College Level Examination Program (CLEP), or three or higher on the Advance Placement Test (AP), or four or more on the higher level exams of the International Baccalaureate (IB), are granted credit equivalent to the courses for which credit was given. In addition, students who have taken college coursework through a post-secondary option program on the campus of an accredited college or university may transfer academic credits with a grade of “C” or above. Grades and grade point averages do not transfer into Bethany. Only credits that meet the aforementioned requirements will be transferred in. Fulfillment of general education requirements is at the discretion of each department.

Transcript of Record

Official and unofficial transcripts of academic record are available in the Registrar’s Office. A request form is available online and must be completed prior to a transcript being released. Copies will not be issued to a second party. Transcripts will not be released if the student has a hold on their account. Transcripts are not sent via e-mail.

Transfer Credits

Transfer credit is awarded only after receipt of an official transcript from the original institution from which the credit was issued and is subject to the following standards: Courses must be from another regionally accredited institution of higher education; a grade of “C” or higher must be obtained in the course; courses must be comparable to courses offered at Bethany Lutheran College; courses must not be a repeat of previous coursework. Grades and grade point averages do not transfer into Bethany. Only credits that meet the aforementioned requirements will be transferred in. Remedial course credits are not accepted.

A maximum of 65 transferred semester credits in lower-division course work will be accepted toward a bachelor’s degree at Bethany Lutheran College. Bethany Lutheran College requires a 2.0 cumulative grade point average for all incoming transfer students.

In order to graduate from Bethany Lutheran College a transfer student must fulfill all Bethany Lutheran College General Education requirements; earn a total of at least 128 credits, of which 42 must be upper division credits; complete all requirements of their chosen major; complete a second semester international language course or the equivalent through language placement; and complete the last 33 semester credit hours on Bethany Lutheran College’s campus. Transfer students will complete General Education Religion requirements of the college (beginning with RELG108/RELG110 and RELG109/RELG111) in proportion to the point at which they enter the Bethany curriculum.

Withdrawal from College

Students who wish to withdraw from college are required to contact the Registrar’s Office. Failure to contact the Registrar’s Office will result in failing grades in the courses in which the student is enrolled and loss of refund privileges. The refund schedule is available from the Financial Aid Office.

Graduation Requirements

Bachelor of Arts Degree

To graduate with a bachelor of arts degree (B.A.) from Bethany Lutheran College, a student must:

1. Fulfill the Common General Education Core Curriculum requirements or have transferred equivalent courses;*
2. Fulfill the International Language requirement as outlined below:

One full year (two semesters – 8 credits) of International Language for students with less than two years completed in high school. If two years of language were completed in high school, a placement test can be taken for correct course placement and potentially 4-8 credits waived, depending on placement. Students who have completed three years of language in high school will have the language requirement waived.
3. Declare a major by the time the student has earned 65 credits or a hold will be placed on their registration until a major is declared;
4. Fulfill specific requirements of their chosen major;
5. Earn a minimum of 120* credits, of which at least 42 will be from upper division (three- and four-hundred level) courses; AND
6. Achieve an overall minimum GPA of 2.0.

* The last 33 semester credit hours must be completed on campus. A student may transfer in a maximum of 65 lower division semester credit hours of academic work.

Graduation Application Process

1. Apply for graduation ONE YEAR IN ADVANCE of the expected graduation date. Turn in application forms to the Registrar's Office.
2. The students must set up an appointment with their advisor, and bring the application form to the appointment.
3. The advisor will run an audit for the student, discuss and plan the last two semesters with the student. The advisor will attach all necessary documentation on the audit to describe the academic plan. The advisor will sign the application and attach a copy of the audit.
4. The form must also be signed by the department chair and the student will submit the application and completed audit to the Registrar's Office.

Graduation Ceremony

Bethany Lutheran College has both a spring and fall graduation ceremony. Students may participate in the ceremony during the semester in which they are enrolled in sufficient credits to total 128 for a B.A., the distribution of credits to satisfy the degree is attained; and a 2.0 grade point average is achieved.

Graduation with Honors

Students who earn a B.A. with a grade point average between 3.33 and 3.66 graduate Cum Laude, those with a grade point average between 3.67 and 3.89 graduate Magna Cum Laude, and those with a grade point average of 3.9 or above graduate Summa Cum Laude.

Common General Education Core Curriculum

Bethany strives to facilitate holistic growth in each student. To engender spiritual, intellectual, emotional, physical, and social development in each student, Bethany has designed a required Common General Education Core Curriculum. Its aim is to give the student a broad background of knowledge while at the same time preparing the student to pursue specialized training for a specific vocation or profession. This Common General Education Core Curriculum is required for graduation with a B.A.

Common General Education Core Requirements

Objective #1: Recognize that the historic Christian faith professes that God the Holy Trinity is the source of all knowledge and truth, and that His wisdom is most clearly revealed in the life, death, and resurrection of Jesus Christ. (13 Credits)

4 Credits of 100 Level-- First Year

3 Credits of 200 Level-- Sophomore Year

3 Credits of 300/400 Level-- Junior Year

3 Credits of 300/400 Level-- Senior Year

4 Credits of 100 Level-- First Year

RELG108 Essentials of Christianity I and RELG109 Essentials of Christianity II
or RELG110 Introduction to Christianity I and RELG111 Introduction to Christianity II

3 Credits of 200 Level-- Sophomore Year

MUSC235/RELG235 Hymnody and Liturgics	3 cr.
RELG223 The Life of Christ	3 cr.
RELG224 Israel's History	3 cr.
RELG225 The Gospel According to Isaiah	3 cr.
RELG226 Acts of the Apostles	3 cr.
RELG227 Paul's Letter to the Roman Christians	3 cr.
RELG229 Christian Doctrine	3 cr.

3 Credits of 300/400 Level-- Junior Year

and 3 Credits of 300/400 Level-- Senior Year

RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon	3 cr.
RELG316 Comparative World Religions	3 cr.
RELG320 Luther: His Ongoing Significance	3 cr.
RELG325 Psalms and Wisdom Literature of the Old Testament	3 cr.
RELG330 Christian Social Thought	3 cr.
RELG335 The Lutheran Confessions	3 cr.
RELG340 Apologetics	3 cr.
RELG350 Islam	3 cr.
RELG360 History of the Christian Church	3 cr.
RELG380 Pauline Literature	3 cr.
RELG382 Johannine Literature	3 cr.
RELG420 The Rhetoric of Religion	3 cr.
RELG425 Eastern Religion/Spirituality in America	3 cr.
RELG435 Intertestamental Period	3 cr.
RELG480 Topics in Religious Studies	3 cr.

Objective #2a: Demonstrate intellectual skills. (12 Credits)

Intellectual Skills: The combination of knowledge base and cognitive processes that allow a person to reach goals and communicate effectively.

All students will be required to complete the following courses (6 Credits):

Students will be able to:

- Demonstrate the ability to create a message.
- Demonstrate the ability to tailor a message to a particular audience.
- Explain how different forms of delivery (written, interpersonal, or mass media) affect a message and the audience.

COMM111 Fundamentals of Speech.....	3 cr.
ENGL100 and 101 Stretch Composition I and II.....	6 cr.
or ENGL110 College Writing I.....	3 cr.

History (3 Credits): *Students will be able to:*

- *Demonstrate an ability to analyze primary sources, interpreting them from both internal evidence as well as external contextual clues.*
- *Demonstrate an ability to interpret people, ideas, or events in light of the social and political context shaping them.*

ARTS105 Art History I	3 cr.
ARTS106 Art History II	3 cr.
ARTS107 Art History III	3 cr.
HIST111 Ancient Medieval Europe	3 cr.
HIST122 Modern World Civilizations	3 cr.
HIST207 History of USA I	3 cr.
HIST208 History of USA II	3 cr.
HLTH330 Hist. and Phil. of Wellness	3 cr.
MUSC121 Music History I	3 cr.
MUSC122 Music History II	3 cr.
PHIL202 Intro. to Philosophy	3 cr.
SCIE320 Hist. and Phil. of Science	3 cr.

Literature (3 Credits): *Students will be able to:*

- *Demonstrate the ability to close and critically read a text.*
- *Demonstrate an understanding of ideas from different cultures and time periods.*
- *Demonstrate the ability to identify a diversity in perspective, ideology, and religion.*

ENGL200 Literary Analysis.....	3 cr.
ENGL201 Survey of Greek Classical Literature	3 cr.
ENGL203 Ages of British Literature.....	3 cr.
ENGL204 Modern European Literature.....	3 cr.
ENGL205 Introduction to Fiction	3 cr.
ENGL220 World Literature	3 cr.
ENGL230 Introduction to Contemporary Literature	3 cr.

Objective #2b: Demonstrate creative skills. (3 Credits)

Creativity: The ability to use multifaceted theories, skills, models, definitions, or concepts in order to imagine and communicate new ideas, forms, methods or interpretations.

Students will be able to:

2B. Work both collaboratively and independently to produce innovative applications of knowledge, creative expressions, or new insights connected to bodies of knowledge from various fields.

- *Understand the theory and steps of the creative process.*

ARTS101 Intro to Art	3 cr.
ARTS102 2D Design	3 cr.
ARTS110 Drawing I	3 cr.
ARTS113 Photography I	3 cr.
ARTS114 Painting I	3 cr.
ARTS115 Ceramics I	3 cr.
ARTS116 Sculpture I	3 cr.
COMM333 Screenwriting	3 cr.
MART197 Audio/Video Production Basics	3 cr.
MUSC101 Music Fundamentals	3 cr.
MUSC102 Music Appreciation	3 cr.

MUSC111 Music Theory I	3 cr.
MUSC130 Choir (1 Credit- Can be taken multiple times)	3 cr.
MUSC135 Band (1 Credit- Can be taken Multiple Times)	3 cr.
MUSC190 Instruction (1 Credit- Can be taken Multiple Times)	3 cr.
THTR101 Intro to Theatre	3 cr.
THTR102 Acting I	3 cr.
ENGL213 Creative Writing.....	3 cr.

Objective #2c: Demonstrate problem-solving skills. (7 Credits)

Problem Solving: Using quantitative reasoning skills and a broad base of knowledge to solve new, unique, and complex problems.

Students will be able to:

- 2D. Create, find, and analyze quantitative and qualitative data using logical reasoning skills.
 2E. Articulate a message effectively in oral and written forms, which can lead to further research.

- Demonstrate an understanding of the Scientific Method.

Math (4 Credits)

MATH110 Math Problem Solving	4 cr.
MATH111 College Algebra.....	4 cr.
MATH151 Calculus.....	4 cr.
MATH152 Calculus II	4 cr.

Science (3-4 Credits):

BIOL101 Principles of Biology	4 cr.
BIOL151 General Biology I	4 cr.
BIOL152 General Biology II	4 cr.
CHEM100 Descriptive Chemistry	4 cr.
CHEM105 Chemistry of Art	4 cr.
CHEM107 Gen, Org,/ Biochemistry	5 cr.
CHEM113 General Chemistry I	5 cr.
PHYS101 Descriptive Physics	4 cr.
PHYS151 College Physics	4 cr.
PHYS213 General Physics I.....	5 cr.
SOCL320 Research Methods in Social Science	3 cr.

Objective #3a: Demonstrate understanding of personal responsibility. (3-4 Credits)

Personal Responsibility: Discernment in personal decision making that is reflective of ethical truths found in Scripture.

Students will be able to:

- 3C. Articulate how personal choices and stances impact you and others.
- Understand how people interact on personal, social and cultural levels.

BUSN101 Introduction to Business	3 cr.
BUSN360 Business Ethics	3 cr.
COMM212 Interpersonal Communication	3 cr.
COMM365 Law and Ethics in Media	3 cr.
ECON203 Macroeconomics	3 cr.
ECON204 Microeconomics	3 cr.
HLTH103 Healthful Living	3 cr.
HLTH201 Nutrition	3 cr.
LEGL210 Intro to Legal Studies	3 cr.
PHED217 Lifetime Health and Fitness	3 cr.
PHIL201 Logic and Critical Thinking	3 cr.
PHIL204 Ethics	3 cr.
PLSC105 American Government	3 cr.

PSYC110 General Psychology	4 cr.
PSYC120 Human Growth and Development	3 cr.
SCIE330 Ethics in Science	3 cr.
SCIE340 Environmental Issues	3 cr.
SOCL101 Introduction to Sociology	3 cr.

Objective #3b: Demonstrate an understanding of public responsibility. (3 Credits)

Public Responsibility: Acting in a way that benefits society as one cares for oneself, family, community, and country, within the context of the world.

Students will be able to:

- Demonstrate an understanding of what creates a culture or social group.
- 3A. *Work as a discerning and compassionate participant within communities and across cultures.*
- 3B. *Reflect upon your involvement as an engaged citizen in different communities and cultures.*
- 3D. *Apply your education and skills to serve others.*

Multicultural Project Requirements:

- *The course must at least in part cover topics such as bigotry, racism, injustice, appreciation of various cultures, traditions other than one's own.*
- *The course must include a face-to-face interaction with an individual from a culture other than one's own.*

ARTS452 Contemporary Issues in Art	3 cr.
COMM389 Intercultural Communication	3 cr.
ECON330 Comparative Economic Systems	3 cr.
ENGL335 African-American Literature	3 cr.
GEOG102 Human Geography	3 cr.
HIST450 Civil Rights Movement	3 cr.
HLTH240 Current Health Issues	3 cr.
MUSC440 World Music	3 cr.
PSYC230 Cross Cultural Psychology	3 cr.
PSYC270 Gender	3 cr.
SOCL330 American Minorities	3 cr.
XXXX489 Study Tour	3 cr.
Successful Participation in Study Abroad	credit varies

Objective #4: Develop habits of thinking that apply to a fulfilling life of learning. (4 Credits)

Lifelong Learning: The ability and motivation of a student to apply learned skills in order to develop new skills and find knowledge applicable to the student's future success.

Students will be able to:

- A. *Apply content knowledge and skills flexibly to new situations, including professional and vocational contexts.*
- B. *Reflect on learning experiences as you encounter new situations and develop short-term and long-term plans.*
- C. *Articulate your goals in alignment with your God-given strengths and interests.*

SMNR101 Freshman Seminar	2 cr.
SMNR490 Vocational Seminar	2 cr.

MAJORS, MINORS, CERTIFICATES, AND DEGREES

Bethany Lutheran Colleges offers programs leading to a bachelor of arts (B.A.) and a bachelor of science in nursing (B.S.N.) degree.

Majors

A major consists of a minimum of 36 credits, at least 18 of which are from upper division courses. See the specific major description. Students may also earn secondary teaching licensure from the State of Minnesota in the majors listed below with an asterisk (*). Bethany Lutheran College majors are designed to be completed within four years.

American Studies
Biochemistry
Biology
Broad Field Social Studies*
Business Administration
Chemistry
Communication
Computer Science
Education (licensure)
Educational Studies
Engineering Sciences
English*
Exercise Science
Graphic Design

Health Communication
History
Legal Studies
Liberal Arts
Mathematics*^
Media Arts
Music
Nursing
Psychology
Religion
Studio Art*
Special Education
Theatre

(^ Contact the Office of the Registrar for more information regarding the status of the Mathematics Major.)

Minors

A minor consists of a minimum of 18 credits, at least six of which are from upper division courses.

American Studies
Art History
Biology
Business Administration
Chemistry
Communication
Communication Disorders
English
Exercise Science
Graphic Design
Health Communication
History

Information Systems
Legal Studies
Mathematics
Military Science and Leadership
Music
Philosophy
Psychology
Religion
Sociology
Spanish
Studio Art
Theatre

Certificates

Paralegal

American Studies Major

Mission Statement

The major in American studies equips students with an interdisciplinary skill set for interpreting the cultural heritage and contemporary trends in the United States. The program is grounded in a close reading of primary texts supplemented by interpretive frameworks drawn from the disciplines of history, literary studies, political science, and sociology. Graduates with a B.A. in American studies thereby possess the skills needed for careers in journalism, community development, public policy, foreign service, and other fields requiring a comprehensive understanding of American life. A minor in American studies provides a supplement to other majors by enhancing the perspective that a student would bring to careers traditionally associated with a B.A. in business, communication, English, history, psychology, sociology, etc. The program may especially appeal to foreign students seeking to acquire a clear grasp of the American experience in order to apply that knowledge, for example, to a career in international business.

Program Learning Outcomes

1. Cultural Literacy: To demonstrate basic cultural literacy of the era, genres, movements, and historical events pertinent to American identity, and to identify correctly allusions, excerpts from particular works, and works written by key authors.
2. Historical Understanding: To explain the roles of people, ideas, institutions, and actions in shaping key developments in American history.
3. Social Awareness: To identify and evaluate social concerns on the national level in a manner that demonstrates knowledge of basic definitions, concepts, and theories in sociology.
4. Critical Thinking: To apply contemporary literary theories, historiography, and sociological theories to the interpretations of written and visual media in dialogue with pertinent concerns of the Christian faith.
5. Communication Skills: To polish with professional competence a work of formal academic writing, including documentation in the accepted style of the discipline, and to present a summary of one's research orally.

Entry into the Major

Students should declare American studies as their intended major as early in their college career as possible by filing a Declaration of Major and Change of Advisor form with the registrar. The student's advisor should be from the English, history, or sociology department, depending upon which of the three tracks the student intends to complete within the American studies major. At least one of the lower-division electives in each of those three areas should be completed with a grade of C+ or higher prior to application for the major. Students must also have a cumulative GPA of 2.0 or above.

Core Requirements

Required lower division courses:

PLSC105 American Government3 cr.

One of the following:

ENGL331 Early American Authors3 cr.

ENGL332 Modern American Authors3 cr.

One of the following:

HIST207 History of USA I.....3 cr.

HIST208 History of USA II.....3 cr.

One of the following:

SOCL101 Introduction to Sociology.....3 cr.

SOCL240 Criminal Deviance and Justice3 cr.

Choose one more course from the ENGL or HIST list above, depending upon one's preferred track: ENGL or HIST3 cr.

Required upper division courses: 24 credits for the history track. For the English track, 21 upper division credits and 3 lower-division credits see ENGL 210 in the "capstone sequence," below):

Choose one English elective:

COMM362 Social Media Communications.....3 cr.

ENGL335 African-American Literature3 cr.

ENGL350 Literary Theory.....	3 cr.
ENGL480 Topics in Literature and Language [when topics pertain to America].....	3 cr.
Choose one History elective:	
HIST410 The American Revolution.....	3 cr.
HIST420 Constitution and the Early Republic.....	3 cr.
HIST430 The Civil War.....	3 cr.
HIST450 The Civil Rights Movement.....	3 cr.
HIST470 The Supreme Court and the American People.....	3 cr.
HIST480 Special Topics in American History.....	3 cr.
Choose one Religious Studies elective:	
HIST460 Religion in American History.....	3 cr.
RELG330 Christian Social Thought.....	3 cr.
RELG340 Apologetics.....	3 cr.
RELG425 Eastern Religion/Spirituality in America.....	3 cr.
Required Art History course (3 credits):	
ARTS344 American Art History.....	3 cr.
Required Sociology course:	
SOCL330 American Minorities.....	3 cr.

Capstone Track (choose one)

English Track:

ENGL210 College Writing II.....	3 cr.
ENGL320 The English Language.....	3 cr.
ENGL493 Senior Seminar I.....	1.5 cr.
ENGL494 Senior Seminar II.....	1.5 cr.

History Track:

HIST4xx (a second course from History Elective section).....	3 cr.
HIST490 Introduction to Research and Writing.....	3 cr.
HIST493 Senior Seminar in History I.....	1.5 cr.
HIST494 Senior Seminar in History II.....	1.5 cr.

American Studies Minor

The minor in American studies requires:

PLSC105 American Government.....	3 cr.
----------------------------------	-------

One of the following:

ENGL331 Early American Authors.....	3 cr.
ENGL332 Modern American Authors.....	3 cr.

One of the following:

HIST207 History of USA I.....	3 cr.
HIST208 History of USA II.....	3 cr.

One of the following:

SOCL101 Introduction to Sociology.....	3 cr.
SOCL240 Criminal Deviance and Justice.....	3 cr.

Three of the following:

ENGL335 African American Literature

or ENGL480 Topics in Literature and Language [when topics pertain to America].....	3 cr.
HIST450 The Civil Rights Movement or HIST470 The Supreme Court and the American People	3 cr.
SOCL330 American Minorities	3 cr.
HIST460 Religion in American History or RELG425 Eastern Religion/Spirituality in America	3 cr.

Art History Minor

The minor in art history requires:

ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
ARTS106 Art History II Renaissance to Realism	3 cr.
ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS344 American Art History	3 cr.

One of the following:

ARTS450 Art Theory and Criticism.....	3 cr.
ARTS452 Contemporary Issues in Art.....	3 cr.

One of the following:

HIST111 Ancient Medieval Europe.....	3 cr.
HIST122 Modern World Civilizations.....	3 cr.
HIST333 Medieval Europe.....	3 cr.

One of the following:

ARTS101 Introduction to Art.....	3 cr.
ARTS102 2D Design	3 cr.
ARTS110 Drawing I.....	3 cr.
ARTS202 3D Design	3 cr.

Recommended: ARTS240 Masterpieces of the Western Tradition.....3 cr.

Biochemistry Major

Mission Statement

The Biochemistry major at Bethany Lutheran College provides a sound conceptual foundation in chemistry while developing the student's biochemical knowledge and laboratory skills. Students who are interested in pursuing positions in medical labs, environmental labs, and food science labs would be well served by the biochemistry program as well as students who hope to attend medical school or graduate programs in biochemical sciences.

Program Learning Outcomes

1. Demonstrate an understanding of fundamental concepts in chemistry.
2. Demonstrate the use of lab techniques and equipment to perform experiments.
3. Demonstrate effective oral and written skills in the area of chemistry.
4. Collect and evaluate information in the chemical literature.
5. Exhibit knowledge of the basic structures, fundamental processes and relationships of life at the molecular and cellular levels.

Core Requirements

Following the ACS Guidelines for Undergraduate Professional Education, the following courses are required for the biochemistry major. Any chemistry or supporting course in which the student receives a grade of "C-" or lower must be repeated.

Required Lower Division Courses:

BIOL151 General Biology I.....	4 cr.
CHEM113 General Chemistry I.....	5 cr.
CHEM114 General Chemistry II.....	5 cr.
CHEM215 Organic Chemistry I.....	4 cr.
CHEM216 Organic Chemistry II.....	4 cr.
MATH151 Calculus I.....	4 cr.
MATH152 Calculus II.....	4 cr.
PHYS151 College Physics I.....	4 cr.
PHYS152 College Physics II.....	4 cr.

Required Upper Division Courses:

BIOL352 Immunology.....	4 cr.
CHEM313 Analytical Chemistry.....	4 cr.
CHEM323 General Biochemistry.....	4 cr.
CHEM324 Advanced Biochemistry.....	3 cr.
CHEM353 Physical Chemistry I.....	4 cr.
CHEM401 Chemical Information I.....	1 cr.
CHEM402 Chemical Information II.....	1 cr.
CHEM490 Jr. Seminar I.....	0.5 cr.
and CHEM491 Jr. Seminar II.....	0.5 cr. each
CHEM492 Sr. Seminar I.....	0.5 cr.
and CHEM493 Jr. Seminar II.....	0.5 cr. each

Major Electives

Select one of the following:

BIOL340 Genetics.....	4 cr.
BIOL350 Cell Biology.....	4 cr.
BIOL360 Microbiology.....	4 cr.
CHEM314 Inorganic Chemistry.....	4 cr.
CHEM354 Physical Chemistry II.....	4 cr.

CHEM405 Advanced Organic Chemistry	3 cr.
CHEM480 Topics in Chemistry.....	1-4 cr.
CHEM497 Research.....	1-3 cr.
SCIE320 History and Philosophy	3 cr.
SCIE330 Ethics in Science.....	3 cr.
SCIE340 Environmental Issues.....	3 cr.

Biology Major

Mission Statement

The biology major is intended to prepare students for service of their Lord by providing them with a working knowledge of living organisms, including humans. This degree-program allows students to determine their own area of interest within the field of biology, while providing a foundation of core principles. A student graduating with this major can enter the workforce directly but will also be prepared for graduate school in a wide variety of fields (e.g. medicine, physical therapy, ecology, dentistry, veterinary sciences, and others).

Program Learning Outcomes

1. Exhibit knowledge of the basic structures, fundamental processes and relationships of life at the molecular, cellular, and organismal levels.
2. Demonstrate proficiency in the language and terminology of biology and effectively communicate biological knowledge, and ideas.
3. Find and evaluate various types of scientific information such as quantitative data, qualitative data, and that found within research journals, mass media, and the world-wide web.
4. Demonstrate proficiency of basic lab techniques and use of scientific instrumentation.

Entry into the Major

A student desiring to enter the biology major must complete BIOL151 and BIOL152 with at least a “C-.” Entry will be granted for students who have met the following requirements:

- Achieved a GPA of 2.0 or better in all college coursework.
- Achieved a grade of “C-” (1.67) or better in all biology coursework.
- Completed an interview with a member of the Biology Department.

Core Requirements

Required lower division courses:

BIOL151 General Biology I.....	4 cr.
BIOL152 General Biology II	4 cr.
CHEM113 General Chemistry I	5 cr.
CHEM114 General Chemistry II.....	5 cr.
MATH112 Trigonometry	
or MATH151 Calculus I	3–4 cr.
MATH120 Introduction to Statistics	
or MATH321 and MATH322 Probability and Statistics I and II.....	3–6 cr.
PHYS151 and PHYS152 College Physics I and II	
or PHYS213 and PHYS214 General Physics I and II.....	8–10 cr.

Required upper division courses:

BIOL340 Genetics.....	4 cr.
BIOL350 Cell Biology.....	4 cr.
BIOL360 Microbiology	4 cr.

Major Electives

15 credits minimum; 1 course must be upper division; limit of 2 SCIE courses.

BIOL203 Botany.....	4 cr.
BIOL215 Invertebrate Zoology	4 cr.
BIOL216 Vertebrate Zoology.....	4 cr.
BIOL221 Human Anatomy.....	4 cr.
BIOL222 Human Physiology.....	4 cr.
BIOL280 Medical Terminology	3 cr.

BIOL311 Field Ornithology	4 cr.
BIOL352 Immunology	4 cr.
BIOL370 Ecology	4 cr.
BIOL375 Trends in Evolutionary Theory	3 cr.
BIOL405 Biology Research Proposal	1 cr.
BIOL480 Topics in Biology	1–4 cr.
CHEM323 General Biochemistry	4 cr.
HLTH470 Introduction to Diseases and Disorders	3 cr.
PHED350 Kinesiology	3 cr.
PHED450 Exercise Physiology	4 cr.
SCIE320 History and Philosophy of Science	3 cr.
SCIE330 Ethics in Science	3 cr.
SCIE340 Environmental Issues	3 cr.

Capstone

Students must take one of the following:

BIOL490 Introduction to Human Gross Anatomy	5 cr.
BIOL498 Biology Independent Research (Prerequisite: BIOL405)	1–4 cr.
BIOL499 Biology Internship	1–6 cr.

Strongly recommended:

CHEM215 Organic Chemistry I	4 cr.
MATH151 Calculus I	4 cr.

Biology Minor

The minor in biology requires:

BIOL151 General Biology I	4 cr.
BIOL152 General Biology II	4 cr.

Electives: 15 credits from biology major electives section. A minimum of 3 credits from upper division courses; no more than 2 SCIE courses.

A grade of “C-” or better must be achieved in all biology coursework.

Broad Field Social Studies (BFSS) Major

Mission Statement

The BFSS major allows students to systematically study not only history but also a variety of disciplines in the social sciences that complement history. History, by its very nature, is interdisciplinary and this is most clearly expressed in this broad field major.

Program Learning Outcomes

- To identify the values and goals of important people of the past as they sought to influence their world.
- To identify chief characteristics of past world civilizations.
- To explain the roles of people, ideas, institutions, and actions in shaping historical developments.
- To apply critical thinking skills to the analysis of primary and secondary sources, including both written and visual media.
- To summarize the human and physical geography of major world civilizations, from ancient times to the present.
- To formulate a broad, historical perspective on world history, in order to become an historically informed participant in present-day American and global civic life.
- To polish with professional competence a work of formal academic writing, including documentation in the accepted style of the discipline, and to present a summary of one’s research orally.
- To demonstrate an ability to integrate multiple social studies disciplines (e.g., economics, political science, sociology, psychology) into the study of history.

Entry into the Major

Students should declare BFSS as their intended major as early in their college career as possible by filing a Declaration of Major/Change of Advisor form with the registrar. The student should simultaneously switch to an advisor in the History Department. The advisor will provide the student with an application for formal acceptance into the major, which generally occurs at the end of the sophomore year.

Students must complete at least two history and two social science courses from the required lower division courses with no less than a “C+” in each course. Students must also have a GPA of 2.0 or above. Students will be notified of formal acceptance into the major by the chair of the History Department, who will also notify the registrar.

Students who seek state licensure for secondary level (grades 5–12) teaching of social studies must first meet all requirements for “Entry into the Education Major” (see education majors) as well as all requirements for the BFSS major. These students are required to take the courses listed below with an asterisk (*) and the courses listed under “State of Minnesota Teaching Licensure in Social Studies” and must pass them with a C+ or better.

Core Requirements

Required lower division courses: The broad field social studies major consists of 57 credits so it does not require a minor. Twelve of the required 57 credits also fulfill general education requirements. Courses with * are required for Minnesota teaching licensure and must be passed with a C+ or higher.

*ECON203 Principles of Macroeconomics	3 cr.
*GEOG101 Physical Geography	3 cr.
*GEOG102 Human Geography	3 cr.
*HIST111 Ancient Medieval Europe	3 cr.
HIST122 Modern World Civilizations	3 cr.
*HIST207 History of USA I	3 cr.
*HIST208 History of USA II	3 cr.
*SOCL101 Introduction to Sociology.....	3 cr.

One of the following:

*PLSC105 American Government.....	3 cr.
PLSC106 World Politics.....	3 cr.

Required upper division course (select one of the following):

RELG316 Comparative World Religions.....	3 cr.
--	-------

RELG350 Islam	3 cr.
RELG425 Eastern Religion/Spirituality in America	3 cr.
RELG435 Intertestament Period	3 cr.
RELG489 International Study Tour.....	3 cr.

Major Electives

Social Science upper division electives (6 credits required):

ECON330 Comparative Economic System.....	3 cr.
*EDUC230 Educational Psychology and Human Relations	3 cr.
PSYC330 Psychology of Adult Development	3 cr.
PSYC337 Introduction to Physiological Psychology (prerequisites PSYC110 or PSYC120 <i>and</i> BIOL101 or BIOL151)	3 cr.
PSYC340 Social Psychology (prerequisite PSYC110)	3 cr.
PSYC350 Abnormal Psychology (prerequisite PSYC110)	3 cr.
PSYC365 Facilitating Groups (prerequisite PSYC110 or PSYC120)	3 cr.
SCIE320 History and Philosophy of Science or SCIE350 Technology in Society	3 cr.
*SOCL330 American Minorities	3 cr.
SOCL410 Sociological Theory	3 cr.

Fifteen additional credits in upper division history courses with at least three credits from American history, three credits from European history and three credits from a course dealing mostly with matters after 1815 (which may simultaneously fulfill either the American or European requirement).

American History (choose at least one of the following): *either HIST410 OR HIST420 is required for state licensure):

HIST410 The Era of the American Revolution	3 cr.
HIST420 Constitution and Early Republic.....	3 cr.
HIST430 The American Civil War and Reconstruction.....	3 cr.
HIST450 Civil Rights Movement.....	3 cr.
HIST460 Religion in American History	3 cr.
HIST470 The Supreme Court and the American People.....	3 cr.
HIST480 Topics in American History	3 cr.

European History (choose at least one of the following):

HIST333 Medieval Europe.....	3 cr.
HIST340 Renaissance and Reformation Eras	3 cr.
HIST350 French Revolution through Napoleon	3 cr.
HIST355 Britain, 1688-1901	3 cr.
HIST356 Britain, 1901-Present.....	3 cr.
HIST360 Early and Imperial Russian History.....	3 cr.
HIST370 Imperialism and Globalization	3 cr.
HIST385 Western Legal Traditions	3 cr.

Thematic courses in Broad Field Social Studies (choose at least one of the following which may simultaneously fulfill either the American or World requirement):

HIST370 Imperialism and Globalization	3 cr.
HIST380 Topics in World History (when the course is suitably thematic).....	3 cr.
HIST385 Western Legal Traditions	3 cr.
HIST460 Religion in American History	3 cr.
HIST470 The Supreme Court and the American People.....	3 cr.
HIST480 Topics in American History (when the course is suitably thematic)	3 cr.

Recommended Religious Studies electives to complement the BFSS major:

Lower division

RELG223 The Life of Christ.....	3 cr.
RELG224 History of Israel	3 cr.
RELG226 Acts of the Apostles.....	3 cr.

Upper division

RELG300–302 History of Christian Thought I, II, III	3 cr. each
RELG320 Luther: His Ongoing Significance.....	3 cr.
RELG330 Christian Social Thought	3 cr.
RELG350 Islam	3 cr.

Capstone

*HIST490 Introduction to Historical Research and Writing.....	3 cr.
*HIST493 Senior Seminar I.....	1.5 cr.
*HIST494 Senior Seminar II	1.5 cr.

Minnesota Teaching Licensure Track

Students seeking teaching licensure for the secondary level (5-12) are required to consult an academic advisor in both the History and Education Departments. In addition to the BFSS major requirements students who seek state licensure for secondary level (grades 5–12) teaching of social studies are required to take the courses listed previously with an asterisk (*) AND the following courses and to pass them with a C+ or better:

EDUC100 Education Foundation/Philosophy	3 cr.
EDUC230 Educational Psychology and Human Relations	3 cr.
EDUC210 Linguistics for Professionals	1 cr.
EDUC370 Introduction to the Exceptional Learner	3 cr.
EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
EDUC401 Educational Technology and Media	2 cr.
EDUC450 Curriculum Planning and Assessment	2 cr.
EDUC455 Classroom Management.....	1 cr.
EDUC486 Capstone	2 cr.
EDUC495 Student Teaching I	12 cr.
EDUC497-F Student Teaching II.....	4 cr.
HIST403 Native American Culture and Government	1 cr.
HIST443 Methods in Teaching 5–12 Social Studies	3 cr.

Additional requirements of all students completing Minnesota Teaching Social Studies licensure track at Bethany Lutheran College:

- Maintain 2.75 GPA
- Complete all standards based courses with a C+ or better
- Pass the following Minnesota Teacher Licensure Exams:
 - MTLE: Pedagogy K–6 or 5–12
 - MTLE: Subject matter/content 5–12 Social Studies
- Complete the Human Relations/Diversity Component
- Complete all courses required for Minnesota State Licensure
- Submit proof of a valid first aid/CPR/AED certification
- Satisfactory completion of Teaching Internships and Seminar
- Satisfactory completion of Professional Portfolio

Note: An appeals process is outlined in the Elementary and Secondary Education Handbook. According to Minnesota Statute 122A.09 Subdivision 4(c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Bethany Lutheran College Education Programs are accredited by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

Business Administration Major

Mission Statement

Bethany's business administration major prepares students for leadership roles in both profit and non-profit organizations through liberal arts and comprehensive business studies. The major develops critical thinking, communication, and disciplinary competence by foundational and advanced business study; exposure to current ethical, social, political, and economic challenges; and experiential learning opportunities. The major emphasizes Christian stewardship of time, talent, and treasure to serve others in work, church, and community.

Program Learning Outcomes

- Students can demonstrate knowledge of basic definitions, concepts and relationships in the core areas of management, marketing and finance.
- Students can synthesize and evaluate information to make core business decisions.
- When faced with personal and professional decisions, students can demonstrate use of Christian principles.
- Each student can use team building and collaborative behaviors to accomplish group tasks.
- Each student can summarize a complex issue into a coherent written statement or oral presentation.
- Each student can apply business software applications to report writing, data analysis and presentation.
- Each student can identify global issues and evaluate multiple viewpoints.

Entry into the Major

Pre-major courses:

MATH111 College Algebra or higher (prerequisite for MATH120).....	4 cr.
PSYC110 General Psychology	
or PSYC120 Human Growth and Development	3–4 cr.

Core Requirements

Required lower division courses:

ACCT207 Accounting I	4 cr.
ACCT208 Accounting II.....	4 cr.
ECON203 Principles of Macroeconomics	3 cr.
ECON204 Principles of Microeconomics	3 cr.
MATH120 Introduction to Statistics	3 cr.

Required upper division courses:

BUSN307 Business Communications.....	3 cr.
BUSN310 Principles of Management	3 cr.
BUSN330 Principles of Marketing.....	3 cr.
BUSN350 Principles of Finance.....	3 cr.
BUSN360 Business Ethics	
or PHIL204 Ethics.....	3 cr.
BUSN470 Administrative Policy.....	3 cr.
ECON330 Comparative Economic Systems	3 cr.
MISY300 Software Applications	3 cr.

Major Electives

Students choose four electives, at least three of which must be BUSN courses from the following:

ARTS336 Graphic Design III: Introduction to Web Design.....	3 cr.
BUSN333 Consumer Behavior.....	3 cr.
BUSN351 Financial Institutions.....	3 cr.
BUSN352 Investments	3 cr.
BUSN370 Legal Aspects of Business and Sport	3 cr.
BUSN410 Leadership and Organizational Change.....	3 cr.

BUSN420 Managing Human Resources	3 cr.
BUSN430 Entertainment and Sport Marketing.....	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN440 Marketing Strategy	3 cr.
BUSN450 Risk Management.....	3 cr.
BUSN460 Advanced Finance	3 cr.
BUSN471 Sport Administration	3 cr.
BUSN480 Topics in Business	3 cr.
COMM318 Small Group Communication	3 cr.
COMM360 Visual Communication.....	3 cr.
COMM370 Organizational Communication.....	3 cr.
COMM375 Public Relations and Advertising	3 cr.
PSYC312 Industrial Organizational Psychology.....	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.
SOCL330 American Minorities	3 cr.

Internship/Practicum

Optional experience (1–9) credits:

BUSN399 Business Practicum	1–3 cr.
BUSN499 Business Internship	1–9 cr.

Area of Emphasis

General Business Administration

One elective each from finance, marketing, management.....	3 cr. each
BUSN480 Topics in Business	3 cr.

Finance

BUSN351 Financial Institutions.....	3 cr.
BUSN352 Investments	3 cr.
BUSN450 Risk Management.....	3 cr.
BUSN460 Advanced Finance	3 cr.

Marketing Research

BUSN333 Consumer Behavior.....	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN440 Marketing Strategy	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.

Consumer Marketing

BUSN333 Consumer Behavior.....	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN440 Marketing Strategy	3 cr.
SOCL330 American Minorities	3 cr.

PR/Marketing Promotion

BUSN333 Consumer Behavior.....	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN440 Marketing Strategy	3 cr.
COMM375 Public Relations and Advertising	3 cr.
Recommended: ARTS336 Graphic Design III: Introduction to Web Design	3 cr.

Marketing Management

BUSN333 Consumer Behavior	
or BUSN431 Integrated Marketing Communication.....	3 cr.
BUSN352 Investments	

or BUSN450 Risk Management.....	3 cr.
BUSN410 Leadership and Organizational Change	
or BUSN420 Managing Human Resources	3 cr.
BUSN440 Marketing Strategy	3 cr.

Human Resources/Organizational Development

BUSN410 Leadership and Organizational Change.....	3 cr.
BUSN420 Managing Human Resources	3 cr.
COMM318 Small Group Communication	
or SOCL320 Research Methods in Social Sciences.....	3 cr.
COMM370 Organizational Communication	
or PSYC312 Industrial Organizational Psychology.....	3 cr.
Recommended: SOCL330 American Minorities	3 cr.

Management

BUSN410 Leadership and Organizational Change	
or BUSN420 Managing Human Resources	3 cr.
BUSN352 Investments	
or BUSN450 Risk Management.....	3 cr.
BUSN440 Marketing Strategy	
or BUSN480 Topics in Business	3 cr.
COMM318 Small Group Communication	
or COMM370 Organizational Communication.....	3 cr.

Sport Management

BUSN333 Consumer Behavior.....	3 cr.
BUSN370 Legal Aspects of Business and Sport	3 cr.
BUSN430 Entertainment and Sport Marketing.....	3 cr.
BUSN471 Sport Administration	
or BUSN499 Business Internship	3 cr.

Business Administration Minor

A minor in business administration requires:

ACCT207 Accounting I	4 cr.
----------------------------	-------

Two of the following:

BUSN310 Principles of Management	3 cr.
BUSN330 Principles of Marketing.....	3 cr.
BUSN350 Principles of Finance.....	3 cr.

One of the following:

ECON203 Principles of Macroeconomics	3 cr.
ECON204 Principles of Microeconomics	3 cr.

Choose two electives, one of which must be upper division:

Any BUSN courses.....	3 cr.
COMM370 Organizational Communication.....	3 cr.
ECON330 Comparative Economic Systems	3 cr.
MATH120 Introduction to Statistics	3 cr.
MISY300 Software Applications	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.

Chemistry Major

Mission Statement

The chemistry major at Bethany Lutheran College prepares students for careers in chemistry related fields or advanced studies in chemistry, medicine, and other areas. The major provides a thorough background in all major divisions of chemistry: organic, inorganic, analytical, biochemical, and physical chemistry, while encouraging students to continue studies in the humanities, arts, and social sciences.

Program Learning Outcomes

When a student graduates with a degree in chemistry from Bethany, they should be able to do the following:

1. Demonstrate an understanding of fundamental concepts of chemistry.
2. Demonstrate the use of lab techniques and equipment to perform experiments.
3. Demonstrate effective oral and written communication skills.
4. Collect and evaluate information in the chemical literature.

Chemistry Major Requirements

Following the ACS Guidelines for Undergraduate Professional Education in Chemistry, the following courses are required for the chemistry major. Any chemistry or supporting course in which the student receives a grade of “C–” or lower must be repeated.

Core Requirements

Required lower division courses:

CHEM113 General Chemistry I	5 cr.
CHEM114 General Chemistry II.....	5 cr.
CHEM215 Organic Chemistry I.....	4 cr.
CHEM216 Organic Chemistry II.....	4 cr.
MATH151 Calculus I.....	4 cr.
MATH152 Calculus II	4 cr.
PHYS151 and PHYS152 College Physics I and II or PHYS213 and PHYS214 General Physics I and II.....	8–10 cr.

Required upper division courses:

CHEM313 Analytical Chemistry.....	4 cr.
CHEM314 Inorganic Chemistry	4 cr.
CHEM323 General Biochemistry.....	4 cr.
CHEM353 Physical Chemistry I.....	4 cr.

Major Electives

12 credits minimum; Limit of 2 SCIE courses

CHEM301 Introduction to Environmental Management or CHEM401 Chemical Information	1 cr.
CHEM324 Advanced Biochemistry.....	3 cr.
CHEM354 Physical Chemistry II.....	4 cr.
CHEM405 Advanced Organic Chemistry	3 cr.
CHEM418 Organometallics.....	3 cr.
CHEM480 Topics in Chemistry (may be repeated for credit)	1–4 cr.
CHEM490 Jr. Seminar I	0.5 cr.
and CHEM491 Jr. Seminar II.....	0.5 cr.
CHEM492 Sr. Seminar I	0.5 cr.
and CHEM493 Jr. Seminar II.....	0.5 cr.
CHEM497 Research (arranged).....	1–3 cr.
CHEM499 Internship	1–6 cr.
SCIE320 History and Philosophy of Science	3 cr.

SCIE330 Ethics in Science.....	3 cr.
SCIE340 Environmental Issues.....	3 cr.

Chemistry Minor

The chemistry minor will consist of a required foundation of three courses of lower division chemistry and an additional three courses of advanced elective coursework. Any chemistry or supporting course in which the student receives a grade of “C-” or lower must be repeated.

CHEM113 General Chemistry I	5 cr.
CHEM114 General Chemistry II.....	5 cr.
CHEM215 Organic Chemistry I	4 cr.

Advanced electives – at least two of the following:

CHEM313 Analytical Chemistry.....	4 cr.
CHEM314 Inorganic Chemistry	4 cr.
CHEM323 General Biochemistry.....	4 cr.
CHEM353 Physical Chemistry I	4 cr.
CHEM405 Advanced Organic Chemistry	3 cr.
CHEM418 Organometallics	3 cr.
CHEM480 Topics in Chemistry.....	1–4 cr.

At least one of the following science (SCIE) courses:

SCIE320 History and Philosophy of Science	3 cr.
SCIE330 Ethics in Science.....	3 cr.
SCIE340 Environmental Issues.....	3 cr.

Communication Major

Program Goal

Human communication is the art and science of verbal and non-verbal messages. The goal of the communication major is to teach students how to consume and create these messages ethically.

Program Learning Outcome

Upon graduation, every student majoring in communication will exhibit the following learning outcomes:

1. **Presentations:** Increased confidence and competence in public presentations.
2. **Relationships:** Knowledge of the manner in which communication creates, maintains and transforms relationships and the ability to engage in effective and productive relational communication.
3. **Contexts:** Knowledge of the crucial role communication plays in community, professional and civic contexts, and the ability to use communication behaviors ethically and effectively in various contexts.
4. **Diversity:** Knowledge and respect for the role of culture and diversity in communication, and the ability to effectively communicate within and across cultures.
5. **Influence:** Competency in the construction and analysis of arguments and discourse intended to influence beliefs, attitudes, values, and practices.
6. **Technology:** Ability to effectively use communication technology and to critically evaluate how technology affects communication.
7. **Research:** Competence in systematic inquiry, including the process of asking questions, systematically attempting to answer them, and understanding the limitations of the conclusions reached.

Entry into the Major

A student desiring to enter the communication major will make a formal application to do so at some point following the successful completion of three college semesters.

Entry to the major will be granted based on the following qualifications:

1. Achievement of at least a 2.8 GPA in all of the pre-major communication requirements.
2. Successful completion of Major Admission Application and portfolio submission. Special circumstances may be considered by the communication division faculty.

Pre-major requirements should ordinarily be taken in the first two college years:

COMM111 Fundamentals of Speech.....	3 cr.
COMM212 Interpersonal Communication	3 cr.
COMM230 Argument and Advocacy	3 cr.
COMM240 Introduction to Mass Media	3 cr.
ENGL100 and 101 Stretch Composition I and II	6 cr.
or ENGL110 College Writing.....	3 cr.
ENGL210 College Writing II	3 cr.

Declaration of major process can begin here.

COMM362 Social Media.....	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.

Core Requirements

All communication majors will be required to pass each of the following six core courses with at least a “C–” grade, while maintaining a 2.8 GPA requirement in Program Courses:

COMM318 Small Group Communication	3 cr.
COMM340 Rhetorical Traditions	3 cr.
COMM389 Intercultural Communication	3 cr.
COMM440 Communication Theory.....	3 cr.

COMM475 Media Ecology 3 cr.
 COMM499 Internship minimum of 3 cr. required

Major Electives

At least 33 upper division (300–400 level) communication (COMM) credits are required for graduation with a communication major. Students may with advance planning create “Areas of Emphasis” consisting of groups of three or four upper division courses focusing on a particular aspect of communication studies. Emphases may consist of COMM offerings combined with courses that deal with communication in other disciplines — these courses all count toward the 33 credit requirement.

Areas of Emphasis

“Emphases” (groups of three or four upper division courses also focusing on a particular aspect of communication studies) provide communication majors maximum flexibility in tailoring programs to fit their interests and needs. Emphases make the communication major truly interdisciplinary, since courses can be drawn not only from communication (COMM) offerings, but from other curricular areas as well.

Internship Requirements

An essential component of the communication program, fieldwork experiences (internships) provide opportunities for students to apply classroom learning in real-life situations, explore career options, and build meaningful resumes.

Communication internships are available only to communication majors (COMM499). At least three internship credits are required for graduation and count toward major requirements. As many as seven additional credits may be earned as upper division electives. Students who minor in communication and desire an internship experience should pursue one within their chosen major.

Communication Minor

The communication minor requires:

COMM111 Public Speaking 3 cr.
 COMM212 Interpersonal Communication 3 cr.
 COMM475 Media Ecology 3 cr.

One of the following:

COMM230 Argumentation and Advocacy 3 cr.
 COMM240 Introduction to Mass Media 3 cr.

One of the following:

COMM318 Small Group Communication 3 cr.
 COMM340 Rhetorical Traditions 3 cr.
 COMM440 Communication Theory 3 cr.

Six additional credits at the three- or four-hundred level communication (COMM) courses

Communication Disorders Minor

(Speech Therapy)

This is a joint program between Bethany Lutheran College and Minnesota State University, Mankato. While remaining full-time students at Bethany majoring in communication, students take some needed courses, including a full semester (fall of junior year) at Minnesota State University, Mankato. If successful, students graduate from Bethany Lutheran College in four years with a bachelor of arts degree in communication, and a minor in communication disorders, which can qualify them to apply for admission to master's degree programs in communication disorders at a variety of graduate schools. A graduate degree is required to practice in this field.

Minor Requirements

Along with fulfilling requirements for a communication major at Bethany, students take the following courses at Minnesota State University, Mankato (MSU). MSU offers courses F=Fall, S=Spring, and B=Both. See MSU Academic Catalog for course descriptions.

Sophomore year:

- Introduction to Communication Disorders (S)(F)
- Speech and Hearing Science (F) Prerequisite: College Math

Junior year:

- Speech and Language Development (F)
- Applied Anatomy and Physiology (F)
- Basic Audiology (S), Prerequisite: Speech and Hearing Science
- Phonetics (F)

Junior and Senior years (recommended):

- Voice and Resonance Disorders (F)
- Child Language Disorders Lecture and Lab (F)
- Appraisal and Diagnosis (S)
- Speech Sound Disorders (S)

American Sign Language is recommended to fulfill the non-English language requirement.

Computer Science Major

Mission Statement

The computer science program at Bethany Lutheran College is designed to give students a broad understanding of computer systems and the software that runs on those systems. An initial introduction to practical computer programming and programming theory forms the foundation needed for later concepts that include computer hardware design, data structure and communication, and advanced programming topics. Students have the option to place an emphasis on the cooperative relationship between computer science and mathematics. Students are equipped with the knowledge and hands-on experience to work in industry or to continue their studies in advanced computer science.

Program Learning Outcomes

Students who complete a course of study in computer science are expected to:

- Demonstrate real-world problem-solving skills through the use of programming languages, database design, and computer system architecture.
- Participate successfully in post-baccalaureate professional activities such as graduate studies, computer science practice or other fields such as science, law, medicine, politics, business, or clergy.
- Demonstrate an understanding of how computing components (software design, system design, and system administration) fit into systems as a whole, including human-computer interaction and ethical considerations.
- Create at least one major project that involves group development and implementation.

Entry into the Major

A student may be admitted to the major upon completion of COMS103 and COMS104. Students will be granted entry into the major when they have met the following requirements:

- Achieved an overall GPA of 2.5 or higher
- Completed COMS104 with a grade of “C” or better
- Secured an advisor within the computer science department

Core Requirements

Students must achieve an average GPA of 2.0 or better in the following core computer science courses (25 credits):

COMS101 Computer Applications.....	1 cr.
COMS103 Introduction to Programming I.....	3 cr.
COMS104 Introduction to Programming II.....	3 cr.
COMS201 Object Oriented Programming.....	3 cr.
COMS304 Computer Organization.....	3 cr.
COMS320 Data Communication.....	3 cr.
COMS322 Database Systems.....	3 cr.
COMS326 Data Structures.....	3 cr.
COMS495 Senior Capstone Project or COMS499 Computer Science Internship.....	3 cr.

Collateral Requirements

In addition to the core courses, the following collateral courses are required (10 or 11 credits):

MATH120 Introduction to Statistics.....	3 cr.
MATH151* Calculus I.....	4 cr.
MATH152 Calculus II.....	4 cr.
or PHIL201 Logic and Critical Thinking.....	3 cr.

Major Electives

Choose four of the following electives (12 credits). At least two must be COMS courses:

COMS210 Internet Programming.....	3 cr.
COMS324 Data Modeling.....	3 cr.

COMS340 Programming Languages	3 cr.
COMS442 Software Architecture	3 cr.
MISY440 Project Management	3 cr.
SCIE330 Ethics in Science	3 cr.
SCIE350 Technology in Society	3 cr.

Electives from Other Areas

Choose two of the following electives:

ARTS336 Graphic Design III: Introduction to Web Design.....	3 cr.
BUSN307 Business Communication and Lab	3 cr.
COMM318 Small Group Communication	3 cr.
MART295 Intro to Broadcast Media	3 cr.
MART297 Audio/Video Production.....	3 cr.
MART397 Advance A/V Production.....	3 cr.
MART330 Motion Graphics	3 cr.
MATH330* Discrete Mathematics	3 cr.
MUSC303 Music Communication and Tech.	3 cr.

*Completion of required courses, MATH151, MATH152, MATH330 and its prerequisite of MATH295, is one course (MATH 243) short of a minor in mathematics.

Computer Science Minor

The minor in computer science requires 21 credits distributed as follows:

Required courses (15 credits):

COMS103 Introduction to Programming I.....	3 cr.
COMS104 Introduction to Programming II	3 cr.
COMS201 Object Oriented Programming.....	3 cr.
COMS304 Computer Organization.....	3 cr.
COMS322 Database Systems.....	3 cr.

Electives (at least 6 credits):

Any 300 or 400 level COMS course or MISY440 Project Management

Elementary Education (K-6) Major

Mission Statement

The education major prepares men and women to integrate their faith while teaching in a variety of settings. The Education Department believes that future teachers educated from a Christ-centered perspective will be well prepared to meet the needs of children in a diverse society whether in public, private, or Lutheran schools.

Program Learning Outcomes

Bethany Lutheran College students majoring in education will meet the following objectives as they fulfill the requirements for the B.A. degree and Minnesota State Licensure:

- Master course content that includes curriculum, pedagogy, and proficiencies based on the Minnesota Standards of Effective Practice for Teachers.
- Demonstrate performance objectives that require effective instructional planning, delivery, and assessment skills for diverse learners.
- Develop professionalism as evidenced by the candidate's professional growth in several areas, including self-confidence, sensitivity to the learner's needs and awareness of classroom effectiveness, and awareness of the need for continual growth.
- Write clearly and coherently, read with comprehension, speak effectively, and listen with care and openness.
- Use mathematical skills and knowledge of quantitative methods of assessment and evaluation.
- Use appropriate technologies as tools for problem solving and for finding, analyzing, and communicating information.
- Think critically and reflectively and draw reasonable, supportable conclusions both individually and in groups.
- Cultivate physical and psychological health and well-being within oneself and others.
- Engender the will to pursue continued cultural, intellectual, professional and spiritual growth
- Integrate an ethical perspective, a sense of moral purpose, and an understanding of the Christian faith.

Elementary Education Scope

Bethany's education major offers Minnesota state-approved teaching licensure for K-6. Endorsements are available in the following areas:

- Communication Arts and Literature
- Mathematics
- Preprimary
- Science
- Social Studies

Entry into Major

The liberal arts serve as a foundation on which students build their professional education sequence.

- Successful completion of 55 credits of general education core courses including EDUC100
- An application to the education major
- Verification from academic advisor of a 2.75 GPA in the core education major classes
- Interview with a committee from the Education Department
- A positive clinical experience report from EDUC100

General Education (Pre-Major) Requirements

A grade of C+ or higher must be obtained in each of the courses noted with an asterisk (*), as these contain embedded state licensure standards.

Visual/Performing Arts Elective.....	3 cr.
*BIOL101 Principles of Biology	4 cr.
COMM111 Fundamentals of Speech.....	3 cr.
COMM212 Interpersonal Communication	3 cr.
*ECON203 Principles of Macroeconomics	3 cr.
ENGL100 and 101 Stretch Composition I and II.....	6 cr.
or ENGL110 College Writing.....	3 cr.

Literature elective	3 cr.
SMNR101 Freshman Seminar	2 cr.
*GEOG101 Physical Geography.....	3 cr.
*HIST111 Ancient Medieval Europe.....	3 cr.
HIST207 History of USA I or HIST 208 History of USA II.....	3 cr.
*HIST403 Native American Culture and Government	1 cr.
International Language	8 cr.
*MATH110 Math Problem Solving	4 cr.
Music Elective	3 cr.
*PHYS101 Descriptive Physics (dropped after Fall 2020).....	4 cr.
RELG108 Essentials of Christianity I or RELG110 Introduction to Christianity I	2 cr.
RELG109 Essentials of Christianity II or RELG111 Introduction to Christianity II	2 cr.
RELG electives (200 level).....	3 cr.
RELG electives (300 and 400 level).....	6 cr.
*SOCL330 American Minorities	3 cr.

The following courses must be passed with a C+ or better PRIOR to taking any other upper level education courses.

Note: Enrollment in EDUC230 requires either formal acceptance into one of the elementary or secondary education majors or instructor approval for those outside the majors. Exceptions may be made at the discretion of the members of the Education Department.

EDUC100 Education Foundation/Philosophy (formerly EDUC200).....	3 cr.
EDUC230 Educational Psychology and Human Relations (formerly EDUC310).....	3 cr.

Professional Education Core Requirements

Note: Enrollment in the professional education core requires formal acceptance into one of the elementary or secondary education majors and the prerequisites EDUC100 and EDUC230. Students must achieve a C+ or better in these courses.

EDUC210 Linguistics for Professionals.....	1 cr.
EDUC315 Teaching Health and Human Performance	3 cr.
EDUC320 Teaching Literacy and Communication	4 cr.
EDUC325 Children’s Literature.....	3 cr.
EDUC340 Teaching Social Studies	3 cr.
EDUC360 Teaching Science.....	3 cr.
EDUC370 Introduction to the Exceptional Learner	3 cr.
EDUC401 Educational Technology and Media	2 cr.
EDUC425 Fine Arts in Elementary Education	3 cr.
EDUC430 Teaching Mathematics	4 cr.
EDUC450 Curriculum Planning and Assessment.....	2 cr.
EDUC455 Classroom Management	1 cr.
EDUC486 Capstone	2 cr.
EDUC495 Student Teaching I	12 cr.
EDUC497-Z Student Teaching II.....	4 cr.

Endorsements

Students in the K-6 Elementary Education may elect to complete an additional licensure endorsement. All endorsement courses must be completed with a C+ grade or higher. In addition to the requirements of the K-6 Elementary Education Program students seeking an additional licensure endorsement, must complete the courses as listed under each endorsement. Students must also complete the MTLE tests in endorsement discipline. Courses with an asterisk contain embedded state licensure standards.

Communication Arts and Literature (Bolded are in K-6 Elementary Ed. Program)

EDUC210 Linguistics for Professionals	1 cr.
EDUC320 Teaching Literacy and Communication	4 cr.
*EDUC321 Teaching Literacy and Communication in Middle Level Classrooms.....	1 cr.
*EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
*EDUC451 Curriculum and Assessment for the Middle Level Classroom.....	2 cr.
*EDUC497-B Student Teaching II for CAL Endorsement.....	4 cr.
ENGL220 World Literature.....	3 cr.
ENGL210 College Writing II.....	3 cr.
Literature Elective.....	3 cr.

Mathematics (Bolded are in K-6 Elementary Ed. Program)

Contact the Office of the Registrar for information regarding the status of the Mathematics endorsement.

EDUC210 Linguistics for Professionals	1 cr.
EDUC320 Teaching Literacy and Communication	4 cr.
*EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
*EDUC431 Teaching Math in Middle Level Classrooms.....	1 cr.
*EDUC451 Curriculum and Assessment for the Middle Level Classroom.....	2 cr.
*EDUC497-C Student Teaching II for Math Endorsement.....	4 cr.
*MATH110 Math Problem Solving	3 cr.
MATH151 Calculus I.....	4 cr.
MATH120 Introduction to Statistics.....	3 cr.

Preprimary (Bolded are in K-6 Elementary Ed. Program)

*EDUC100 Educational Foundation/Philosophy.....	3 cr.
*EDUC210 Linguistics for Professionals.....	1 cr.
*EDUC230 Educational Psychology and Human Relations.....	3 cr.
*EDUC315 Teaching Health and Human Performance.....	3 cr.
*EDUC320 Teaching Literacy and Communication.....	4 cr.
EDUC325 Children’s Literature	3 cr.
*EDUC360 Teaching Science.....	3 cr.
*EDUC370 Introduction to the Exceptional Learner.....	3 cr.
*EDUC380 Early Childhood Theory and Methods (SPRING).....	4 cr.
EDUC401 Educational Technology and Media	2 cr.
*EDUC430 Teaching Math.....	4 cr.
*EDUC450 Curriculum Planning and Assessment.....	2 cr.
*EDUC455 Classroom Management.....	1 cr.
*EDUC497-A Student Teaching II for Preprimary Endorsement.....	4 cr.
PSYC120 Human Growth and Development.....	3 cr.
*PSYC325 Psychology of Child Development.....	3 cr.

Science (Bolded are in K-6 Elementary Ed. Program)

*BIOL101 Principles of Biology.....	4 cr.
*CHEM107 Chemistry.....	5 cr.
EDUC210 Linguistics for Professionals	1 cr.
EDUC320 Teaching Literacy and Communication	4 cr.
*EDUC361 Teaching Science in the Middle Level Classrooms.....	1 cr.
*EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
*EDUC451 Curriculum and Assessment for the Middle Level Classroom.....	2 cr.
*EDUC497-E Student Teaching II for Science Endorsement.....	4 cr.

* GEOG101 Physical Geography	3 cr.
* PHYS101 Descriptive Physics	4 cr.
*SCIE320 History and Philosophy of Science.....	3 cr.
Social Studies (Bolded are in K-6 Elementary Ed. Program)	
* ECON203 Macroeconomics	3 cr.
EDUC210 Linguistics for Professionals	1 cr.
EDUC320 Teaching Literacy and Communication	4 cr.
*EDUC341 Teaching Social Studies in Middle Level Classrooms	1 cr.
*EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
*EDUC451 Curriculum and Assessment for the Middle Level Classroom.....	2 cr.
*EDUC497-D Student Teaching II for Social Studies Endorsement.....	4 cr.
* GEOG101 Physical Geography	3 cr.
*GEOG102 Human Geography.....	3 cr.
* HIST111 Ancient Medieval Europe	3 cr.
*PLSC105 American Government	3 cr.
*SCIE320 History and Philosophy of Science.....	3 cr.

Evangelical Lutheran Synod (ELS) Certification Courses

Note: Students seeking Evangelical Lutheran Synod (ELS) certification must pass the required courses with a C+ or better.

*EDUC400 Teaching the Christian Faith	3 cr.
*MUSC235 Hymnody and Liturgics	3 cr.
RELG223 The Life of Christ	3 cr.
RELG224 History of Israel	3 cr.
RELG229 Christian Doctrine I	3 cr.
RELG335 The Lutheran Confessions	3 cr.
RELG380 Pauline Literature	
or RELG382 Johannine Literature	3 cr.

Minnesota Licensure Requirements

Complete all standards based courses with a C+ or above.

Maintain 2.75 GPA

Successfully submit the Teacher Performance Assessment (edTPA)

Pass the following tests:

- MTLE: Pedagogy K–6
- MTLE: Subject matter/content K–6

Important requirements of all students completing a bachelor of arts degree in education at Bethany Lutheran College:

Complete the Human Relations/Diversity Component

Complete all courses required for Minnesota State Licensure

Satisfactory completion of Teaching Internships

Satisfactory completion of Professional Portfolio

Submit certification of Adult/Infant First Aid/CPR/AED

Note: An appeals process is outlined in the Elementary and Secondary Education Handbook. According to Minnesota Statue 122A.09 Subdivision4(c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Secondary Education Teaching Licensure Scope

Students seeking teaching licensure are required to consult with an academic advisor in both the content area and Education Departments. Bethany's secondary education teacher preparation program offers Minnesota state-approved teaching licensure in:

English (5–12)

Social Studies (5–12)

Visual Arts (K–12)

Mathematics (5–12)

Students major and take required licensure courses in English, Broad Field Social Studies, Studio Arts, or Math AND fulfill specified education major requirements, including all “Entry into the Education Major” requirements as noted above.

Bethany Lutheran College Education Programs are approved by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

Educational Studies Major

Mission Statement

The mission of the educational studies major is to provide an interdisciplinary, liberal arts-based foundation for students who are interested in the field of education and wish to gain some practical experience in teaching, but who do not wish to seek state licensure. Such a major could serve as the entry point for employment or for pursuing an advanced degree.

Program Learning Outcomes

The educational studies major will demonstrate the ability to:

- think critically and creatively
- communicate clearly and effectively
- plan, prepare, and execute lessons
- work collaboratively
- respond sensitively to the needs of others
- develop professional behaviors including reliability and resourcefulness
- appreciate the diversity of abilities and perspectives of learners in various contexts
- use appropriate resources for research and problem solving
- pursue continued cultural, intellectual, professional, and spiritual growth
- integrate an ethical perspective, a sense of moral purpose, and an understanding of the Christian faith
- discover a vocational fit that matches the learner's interests and God-given talents

Entry into the Major

A student may enter the major at any time.

General Education Requirements

Students must complete Bethany's Common Educational Core requirements to graduate, as well as a minimum of 42 upper division credits and a total of 120 credits.

Core Requirements

EDUC100 Education Foundation/Philosophy.....	3 cr.
EDUC230 Educational Psychology and Human Relations.....	3 cr.
EDUC370 Introduction to the Exceptional Learner	3 cr.

Additional major requirements:

A minimum of 9 credits of EDUC or SPED courses.

Capstone requirement:

Students will research and present on an educational topic in line with future plans or area of interest. Students will also complete a successful 12-week internship in a setting aligned with potential future employment or area of interest.

EDUC486 Capstone	2 cr.
EDUC499 Internship and Seminar	12 cr.

Engineering Sciences Major

Mission Statement

Circumscribed on the rotunda of Chicago's Museum of Science and Industry is the phrase, "Science discerns the laws of nature; industry applies them to the needs of man." Engineering does both.

Engineering is more than designing and building things. Engineers rely on a solid foundation of science and mathematics to understand and solve problems. In today's technology-driven society, innovative thinkers will always be in high demand. In addition, the very nature of technology requires a constantly changing and broadly diverse set of critical thinking skills. Because of its solid grounding in the liberal arts, Bethany Lutheran College is ideally suited for the teaching of these skills.

We see in Hebrews 11:10, "For he was looking forward to the city with foundations, whose architect and builder is God." Bethany is equipped to provide our students a path on which to pursue the engineering profession under the embrace of the One Thing Needful. The program described herein includes two concentrations or tracks: biomedical engineering and mechanical engineering.

Program Objectives

The objectives of the engineering sciences baccalaureate program are to produce graduates who:

1. Apply their education to address a full range of technical and societal issues utilizing intellectual creativity and responsibility.
2. Participate successfully in post-baccalaureate professional activities such as graduate studies, engineering practice or other fields such as science, law, medicine, politics, business, or clergy.
3. Actively seek positions of leadership within their profession and community.
4. Retain the intellectual curiosity that motivates lifelong learning and allows for a flexible response to the rapidly evolving challenges of the 21st century.
5. Serve as ambassadors for Christ and Bethany in their chosen vocation by demonstrating the highest ethical and professional standards.

Program Learning Outcomes

Graduates of the engineering sciences baccalaureate program will have:

1. An ability to apply knowledge of mathematics, science, and engineering.
2. An ability to design and conduct experiments, as well as to analyze and interpret data.
3. An ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
4. An ability to function on multi-disciplinary teams.
5. An ability to identify, formulate, and solve engineering problems.
6. An understanding of professional and ethical responsibility.
7. An ability to communicate effectively.
8. The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.
9. A recognition of the need for, and an ability to engage in life-long learning.
10. A knowledge of contemporary issues.
11. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.

Entry into the Major

A student may be admitted into the major after completing the following requirements:

1. Achieved a cumulative GPA of 2.5 or higher. A cumulative GPA of 2.5 or higher must be maintained to remain in the Engineering Sciences Major.
2. Achieved a grade of "C" or better in MATH151, MATH152, PHYS213, and PHYS214
3. Secured an advisor within the engineering sciences major

Pre-major required courses (C or higher required):

Required courses for both Biomedical and Mechanical Tracks

MATH151 Calculus I	4 cr.
MATH152 Calculus II	4 cr.
PHYS213 General Physics I	5 cr.
PHYS214 General Physics II	5 cr.

Biomedical Engineering Track

Core Requirements

Students must achieve a “C-” or better in the following courses:

BIOL221 Human Anatomy	4 cr.
BIOL222 Human Physiology	4 cr.
CHEM113 General Chemistry I	5 cr.
COMS103 Introduction to Programming I	3 cr.
ECON203 Principles of Macroeconomics or ECON204 Principles of Microeconomics	3 cr.
ENSC101 Introduction to Engineering	3 cr.
ENSC313 Statics and Dynamics	4 cr.
ENSC314 Introduction to Electronic and Electrical Circuits	4 cr.
ENSC321 Fluid Mechanics	3 cr.
ENSC323 Solid Mechanics	3 cr.
ENSC381 Thermodynamics	4 cr.
MATH243 Multivariable Calculus	4 cr.
MATH260 Differential Equations	3 cr.
SCIE320 History and Philosophy of Science or SCIE330 Ethics in Science.....	3 cr.

Major Electives

Students must achieve a “C-” or better in at least 6 credits of the following:

BIOL350 Cell Biology	4 cr.
BIOL352 Immunology	4 cr.
BIOL360 Microbiology	4 cr.
BIOL490 Human Gross Anatomy	5 cr.
CHEM215 Organic Chemistry	4 cr.
CHEM323 General Biochemistry	4 cr.
ENSC480 Topics in Engineering Science	1-4 cr.
ENSC490 Materials Science and Engineering	3 cr.
ENSC491 CAD/CAE	3 cr.
ENSC499 Engineering Internship	1-3 cr.

Mechanical Engineering Track

Core Requirements

Students must achieve a “C-” or better in the following courses:

COMS103 Introduction to Programming I	3 cr.
ECON203 Principles of Macroeconomics or ECON204 Principles of Microeconomics	3 cr.
ENSC101 Introduction to Engineering	3 cr.
ENSC313 Statics and Dynamics	4 cr.
ENSC314 Introduction to Electronic and Electrical Circuits	4 cr.
ENSC321 Fluid Mechanics	3 cr.
ENSC323 Solid Mechanics	3 cr.
ENSC381 Thermodynamics	4 cr.
ENSC490 Materials Science and Engineering	3 cr.
MATH243 Multivariable Calculus	4 cr.
MATH260 Differential Equations	3 cr.
MATH351 Linear Algebra	3 cr.
SCIE320 History and Philosophy of Science or SCIE330 Ethics in Science.....	3 cr.

Major Electives

Students must achieve a “C-” or better in at least 6 credits of the following:

ENSC480 Topics in Engineering Science	1-4 cr.
ENSC491 CAD/CAE	3 cr.
ENSC499 Engineering Internship	1-3 cr.
MATH385 Mathematical Modeling	3 cr.

English Major

Sigma Tau Delta

The English Department elects qualified students to Sigma Tau Delta, International English Honor Society. Sigma Tau Delta's central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate, and professional studies. The Honor Society also recognizes the accomplishments of professional writers who have contributed to the fields of language and literature.

Bethany's local chapter provides cultural stimulation on the college campus; promotes interest in literature and the English language in the surrounding community; fosters the English Department's emphasis on literature, language, and writing; promotes exemplary character and good fellowship among its members; exhibits high standards of academic excellence; and serves society by fostering literacy.

Mission Statement

The English major at Bethany Lutheran College provides students with opportunities to think critically and creatively; to situate, interpret, and criticize written and other types of texts in American, British, and world literature; and to generate texts of their own in a variety of media across a wide range of expressive modes. This major stresses the formal elements of texts and examines social, historical, philosophical, and political contexts that inform authors, works, literary movements, and the production and circulation of discourse.

Students select from three different English major tracks: the Literary Studies track, which emphasizes the historicizing and theorizing of texts (this track requires a minor or concentration); the Multimedia-Writing track, which stresses the production of texts in a variety of media; and the Minnesota Teaching Licensure track, which is for those students who seek state licensure in Communication Arts and Literature for grades 5–12.

The following learning outcomes and entry requirements apply to students in all three English major tracks.

Program Learning Outcomes

1. Students are able to adjust their use of spoken and written language to communicate effectively with a variety of audiences and for different purposes.
2. Students are able to comprehend and create written and multimedia texts.
3. Students demonstrate basic cultural literacy of the eras, genres, and historical events pertinent to particular course content, and can identify correctly allusions, excerpts from particular works, and works written by key authors, as well as exhibit a foundational knowledge of literary terminology.
4. Students can respond to and ask insightful questions about texts and answer those questions analytically.
5. Students are able to apply theoretical perspectives to their interpretations of texts.
6. Students exhibit familiarity with the databases, archives, and scholarly sources common to the discipline, and regularly gather and apply the data contained therein, using an appropriate citation format.

Entry into the Major

Students who major in English select one of three tracks. In order to be admitted by the English Department, students must first meet the prerequisites of passing the following courses with at least a “C” for the Literary Studies track and the Multimedia-Writing track, and with at least a “C+” for the Minnesota Teaching Licensure track.

ENGL100 Stretch Composition I and ENGL101 Stretch Composition II	6 cr.
or ENGL110 College Writing I	3 cr.
ENGL200 Literary Analysis	3 cr.

Literary Studies Track

Students pursuing the Literary Studies track are required to take the following courses:

ENGL200 Literary Analysis	3 cr.
Note: ENGL200 Literary Analysis is not waived for English majors who transfer in an equivalent course.	
ENGL220 World Literature	3 cr.
ENGL320 The English Language	3 cr.
ENGL321 Shakespeare	3 cr.
ENGL322 British Literature: 17th and 18th Centuries.....	3 cr.
ENGL323 British Literature: Early Romantics, and Victorians or ENGL324 British Literature: Later Romantics, and Victorians	3 cr.
ENGL331 Early American Authors	3 cr.
ENGL332 Modern American Authors	3 cr.
ENGL350 Literary Theory.....	3 cr.
ENGL370 Christian Writers	3 cr.
ENGL493 Senior Seminar I.....	1.5 cr.
ENGL494 Senior Seminar II	1.5 cr.

Two of the following:

ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.
ENGL313 Advanced Writing.....	3 cr.

Major Electives for Literary Studies Track

Three of the following not already taken above, with a maximum of one course at the 200 level:

ENGL201 Survey of Greek Classical Literature	3 cr.
ENGL203 Ages of British Literature	3 cr.
ENGL204 Modern European Literature.....	3 cr.
ENGL205 Introduction to Fiction.....	3 cr.
ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.
ENGL230 Introduction to Contemporary Literature.....	3 cr.
ENGL312 Reading as Writers Across Media.....	3 cr.
ENGL313 Advanced Writing.....	3 cr.
ENGL314 Literary Production.....	3 cr.
ENGL335 African-American Literature	3 cr.
ENGL480 Topics in Literature and Language	3 cr.
ENGL499 English Internship	3–6 cr.

Required Minor or Concentration for Literary Studies Track

English majors in the Literary Studies track must also fulfill the requirements for a minor or a concentration (excluding an English minor and an English concentration). This requirement does not apply to students who (1) major in the English Multimedia-Writing track, (2) major in the Minnesota Teaching Licensure track, or (3) complete a second major in another approved academic discipline.

Multimedia-Writing Track

Students pursuing the Multimedia-Writing track are required to take the following courses (a minor or concentration is not required):

ENGL200 Literary Analysis	3 cr.
Note: ENGL200 Literary Analysis is not waived for English majors who transfer in an equivalent course.	
ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS336 Graphic Design III: Introduction to Web Design.....	3 cr.
COMM333 Screenwriting.....	3 cr.

COMM380 Journalism	3 cr.
ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.
ENGL220 World Literature.....	3 cr.
ENGL230 Introduction to Contemporary Literature.....	3 cr.
ENGL312 Reading as Writers Across Media.....	3 cr.
ENGL313 Advanced Writing	3 cr.
ENGL314 Literary Production.....	3 cr.
ENGL320 The English Language	3 cr.
ENGL321 Shakespeare	3 cr.
ENGL322 British Literature: 17th and 18th Centuries.....	3 cr.
ENGL323 British Literature: Early Romantics, and Victorians or ENGL324 British Literature: Later Romantics, and Victorians	3 cr.
ENGL331 Early American Authors	3 cr.
ENGL332 Modern American Authors	3 cr.
ENGL350 Literary Theory.....	3 cr.
ENGL370 Christian Writers	3 cr.
ENGL493 Senior Seminar I.....	1.5 cr.
ENGL494 Senior Seminar II	1.5 cr.

One of the following:

ENGL102/302 English Practicum, Literary Magazine and/or COMM102/302 Journalism Practicum, Newspaper.....	4 cr.
(The above courses are repeatable.)	
ENGL499 English Internship	3-6 cr.
A study abroad semester, including a substantive written and/or professional component	credit varies

Two of the following:

COMM362 Social Media Communication.....	3 cr.
COMM375 Public Relations and Advertising	3 cr.
COMM385 Law and Ethics in Media	3 cr.
COMM475 Media Ecology	3 cr.

Note: Students in the Multimedia-Writing track also create and develop a cumulative portfolio.

Minnesota Teaching Licensure Track

Students who seek state licensure for secondary level (grades 5–12) teaching of Communication Arts and Literature are required to consult an academic advisor in both the English and Education Departments. Minnesota Teaching Licensure track students are required to take the following courses and earn at least a C+ in those designated with an asterisk(*) (a minor or concentration is not required):

ENGL102/302 English Practicum, Literary Magazine and/or COMM102/302 Journalism Practicum, Newspaper and/or COMM 103/303 Journalism Practicum, Yearbook	2 cr.
(The above courses are repeatable.)	
*COMM111 Fundamentals of Speech	3 cr.
*COMM240 Introduction to Mass Media	3 cr.
*EDUC100 Education Foundation/Philosophy	3 cr.
*EDUC210 Linguistics for Professionals.....	1 cr.
*EDUC230 Educational Psychology and Human Relations	3 cr.
*EDUC370 Introduction to the Exceptional Learner	3 cr.
*EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
*EDUC401 Educational Technology and Media	2 cr.

*EDUC450 Curriculum Planning and Assessment	2 cr.
*EDUC455 Classroom Management	1 cr.
*EDUC486 Capstone	2 cr.
*EDUC495 Student Teaching I.....	12 cr.
*EDUC497-F Student Teaching II	4 cr.
*ENGL100 Stretch Composition I and *ENGL101 Stretch Composition II	6 cr.
or *ENGL110 College Writing I	3 cr.
*ENGL200 Literary Analysis	3 cr.
Note: ENGL200 Literary Analysis is not waived for English majors who transfer in an equivalent course.	
ENGL210 College Writing II	3 cr.
*ENGL220 World Literature.....	3 cr.
ENGL313 Advanced Writing	3 cr.
*ENGL320 The English Language	3 cr.
ENGL321 Shakespeare	3 cr.
ENGL322 British Literature: 17th and 18th Centuries.....	3 cr.
ENGL323 British Literature: Early Romantics, and Victorians or ENGL324 British Literature: Later Romantics, and Victorians	3 cr.
ENGL331 Early American Authors	3 cr.
ENGL332 Modern American Authors	3 cr.
*ENGL350 Literary Theory.....	3 cr.
ENGL370 Christian Writers	3 cr.
*ENGL444 Methods in Teaching 5–12 Communication Arts and Literature	3 cr.
*ENGL493 Senior Seminar I.....	1.5 cr.
*ENGL494 Senior Seminar II	1.5 cr.
*HIST403 Native American Culture and Government	1 cr.
*SOCL330 American Minorities	3 cr.
THTR102 Acting I	3 cr.

Additional requirements for all students completing the English major’s Minnesota Teaching Licensure track at Bethany

Lutheran College:

Maintain a 2.75 GPA

Pass the following Minnesota Teacher Licensure Exams:

- MTLE: Either Pedagogy K–6 or 5–12
- MTLE: Subject matter/content 5–12 English

Complete the Human Relations/Diversity Component

Complete all courses required for Minnesota State Licensure

Satisfactory completion of Teaching Internships and Seminar

Satisfactory completion of Professional Portfolio

Proof of completion of Adult and Child First Aid/CPR/AED

Note: An appeals process is outlined in the Education Department’s Elementary and Secondary Education Handbook. According to Minnesota Statute 122A.09 Subdivision4(c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Bethany Lutheran College Education Programs are accredited by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

English Minor

A minor in English requires:

ENGL200 Literary Analysis3 cr.

Note: ENGL200 Literary Analysis is not waived for English minors who transfer in an equivalent course.

ENGL320 The English Language3 cr.

ENGL350 Literary Theory3 cr.

ENGL370 Christian Writers3 cr.

One of the following:

ENGL205 Introduction to Fiction3 cr.

ENGL230 Introduction to Contemporary Literature.....3 cr.

One of the following:

ENGL331 Early American Authors3 cr.

ENGL332 Modern American Authors3 cr.

One of the following:

ENGL322 British Literature: 17th and 18th Centuries.....3 cr.

ENGL323 British Literature: Early Romantics, and Victorians3 cr.

or ENGL324 British Literature: Later Romantics, and Victorians3 cr.

One of the following:

ENGL210 College Writing II3 cr.

ENGL213 Creative Writing3 cr.

Any one additional English course at the 300 or 400 level3 cr.

Exercise Science Major

Mission Statement

The exercise science major provides opportunities to create and foster positive attitudes toward physical and mental health. Liberal learning skills are integrated throughout the major via critical thinking, writing, and oral interpretation from a Christ-centered perspective, maintaining the mission of Bethany Lutheran College. Academic work within the major empowers students to demonstrate and educate others on the importance of lifelong fitness, while at the same time providing theoretical and practical knowledge and skills needed to establish a lifestyle for themselves and others that promotes health and prevents disease. An exercise science graduate will be prepared for a career in a variety of health and fitness fields or to pursue an advanced degree. Finally, our graduates are expected to uphold the highest standards of professionalism and Christian ethics through a Biblical worldview and a personal philosophy of wellness.

Student Goals

1. Develop broad learning consistent with the philosophy and objectives of Bethany Lutheran College.
2. Demonstrate foundational knowledge in the principles of biology, chemistry, health and wellness, nutrition, human growth and development, human anatomy, and physiology as they relate to responses and adaptations during physical activity and exercise.
3. Demonstrate advanced knowledge in the field of exercise science including motor learning and development, kinesiology, exercise physiology, and aerobic and anaerobic conditioning responses in health and disease.
4. Demonstrate competency in health and fitness testing and measurement of individuals.
5. Assess, design, implement and re-evaluate fitness programs for all individuals.
6. Interpret appropriate research and apply it to the practice of exercise science.
7. Formulate a personal philosophy of wellness integral to balanced healthy living.

Program Learning Outcomes

A Bethany Lutheran College exercise science graduate will:

1. Demonstrate competency in health and fitness testing, and measurements of individuals.
2. Appropriately assess, design and implement fitness programs for all individuals.
3. Formulate a personal philosophy of wellness consisting of a balanced, wholistic outlook, including Christian ethics, as applied to the field of exercise science.
4. Interpret appropriate research and apply it to the practice of exercise science.

Core Requirements

Choose one of the following:

BIOL101 Principles of Biology	4 cr.
BIOL151 General Biology I	4 cr.
BIOL152 General Biology II	4 cr.
CHEM107 General, Organic and Biochemistry	5 cr.
CHEM113 General Chemistry I	5 cr.

Required lower division courses:

BIOL221 Human Anatomy (prerequisite: BIOL151 or consent of instructor)	4 cr.
BIOL222 Human Physiology (prerequisite: BIOL221)	4 cr.
HLTH103 Healthful Living or HLTH240 Current Health Issues	3 cr.
HLTH201 Nutrition	3 cr.
HLTH206 Advanced First Aid	3 cr.
PHED217 Lifetime Health and Fitness	3 cr.
PSYC120 Human Growth and Development	3 cr.

Required upper division courses: (grade of “C–” or higher required in the following courses)

HLTH330 History and Philosophy of Wellness.....	3 cr.
PHED310 Motor Learning and Behavior.....	3 cr.
PHED350 Kinesiology (prerequisite: BIOL221)	3 cr.
PHED470 Research and Writing in Exercise Science (prerequisite PHED460 or consent of instructor)	3 cr.

Required upper division courses that require the prerequisites BIOL221 and BIOL222: (grade of “C–” or higher required in the following courses)

BIOL490 Introduction to Human Gross Anatomy	5 cr.
HLTH470 Introduction to Diseases and Disorders	3 cr.
PHED450 Exercise Physiology	4 cr.
PHED455 Strength and Conditioning	3 cr.
PHED460 Exercise Testing and Prescription.....	3 cr.
PHED480 Topics in Exercise Science.....	3 cr.

Recommended courses:

BIOL352 Immunology	4 cr.
BIOL360 Microbiology	4 cr.
COMM330 Introduction to Health Communication	3 cr.
COMM430 Health Communication Theory and Research	3 cr.
SOCL320 Research Methods in Social Sciences	3 cr.

Exercise Science Minor

A minor in exercise science requires the following courses:

BIOL221 Human Anatomy (Prerequisite: BIOL151 or consent of instructor)	4 cr.
BIOL222 Human Physiology.....	4 cr.
PHED450 Exercise Physiology.....	4 cr.
PHED455 Strength and Conditioning	3 cr.
PHED460 Exercise Testing and Prescription.....	3 cr.

Graphic Design Major

Mission Statement

The graphic design major provides opportunities for those looking towards a career in art and design with a broad-based, liberal arts foundation. Beginning with the principle that knowledge is the source of creativity, students are encouraged to not only become capable designers, but also educated adults and lifelong learners. Students will become familiar with the professional practices of the design industry and their place in the larger historical and theoretical context of creative endeavor, leading ultimately to a vocation that is both personally satisfying and a valuable service to others.

Program Learning Outcomes

The graphic design program seeks to produce graduates who are able to demonstrate:

- proficiency with an appropriate variety of media and technologies,
- familiarity with the ethical, practical, theoretical, and historical underpinnings of their chosen field of study,
- the ability to approach visual communication challenges with creativity and insight, producing work that is consistently original and meaningful,
- effective and professional written, verbal, and visual communication skills, and
- the ability to work effectively with others.

Entry into the Major

Each student is required to formally apply for entry into the graphic design major. This typically takes place in the spring of the sophomore year. At this time it is imperative that all prospective graphic design students have an advisor from the Graphic Design, Studio Art, or Media Arts departments. A major application form may be obtained from your faculty advisor or downloaded from the graphic design section of the college website. In order to gain admittance to, and graduate with, the graphic design major, students must maintain a 3.0 GPA in all studio courses and an overall GPA of 2.0.

Junior Review

At the end of the junior year, faculty advisors will examine all student transcripts to ensure adequate progress is being made toward degree completion.

Requirements

Pre-Major Coursework – 19 credits

(May be taken concurrently with other coursework)

ARTS102 2D Design	3 cr.
ARTS110 Drawing I	3 cr.
ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS290 Professional Practices Seminar	1 cr.
COMM240 Introduction to Mass Media	3 cr.
ENGL312 Reading as Writers Across Media	3 cr.

One of the following:

ARTS113 Photography I	3 cr.
ARTS114 Painting I	3 cr.
ARTS202 3D Design	3 cr.

Historical Perspective – 6 credits

Two of the following:

ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS240 Masterpieces of the Western Tradition	3 cr.
ARTS344 American Art History	3 cr.
ARTS452 Contemporary Issues in Art	3 cr.
COMM365 Images on Film	3 cr.

Theoretical and Critical Analysis – 6 credits

COMM385 Law and Ethics in Media3 cr.

One of the following:

ARTS450 Art Theory and Criticism3 cr.

COMM325 Rhetorical Criticism3 cr.

COMM475 Media Ecology3 cr.

MART475 Avant Garde / Experimental Film3 cr.

Theory and Practice – 18 credits

ARTS330 Graphic Design II: Graphic Design Studio.....3 cr.

ARTS332 Graphic Design IV: Design for Multimedia3 cr.

ARTS336 Graphic Design III: Introduction to Web Design3 cr.

COMM360 Visual Communication3 cr.

MART330 Motion Graphic Design3 cr.

One of the following:

ARTS312 Introduction to Illustration3 cr.

ARTS432 Digital Painting / Concept Art3 cr.

MART435 Motion Graphics 23 cr.

Capstone / Senior Project – 4 credits

GRDS494 Graphic Design Senior Project/Capstone2 cr.

GRDS495 Graphic Design Senior Exhibition2 cr.

Optional Internship

GRDS499 Graphic Design Internship 1-4 cr.

Additional curricular suggestions for the graphic design student:

ARTS116 Sculpture I3 cr.

ARTS113-413 Photography 3 cr. each

BUSN101 Introduction to Business3 cr.

BUSN330 Principles of Marketing3 cr.

COMS103 Computer Programming I3 cr.

MART290 Introduction to Animation3 cr.

Graphic Design Minor

A minor in graphic design requires the following courses:

ARTS102 2D Design3 cr.

ARTS110 Drawing I3 cr.

ARTS290 Professional Practices Seminar1 cr.

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary3 cr.

ARTS330 Graphic Design II: Graphic Design Studio3 cr.

ARTS336 Graphic Design III: Introduction to Web Design3 cr.

COMM360 Visual Communication3 cr.

One of the following:

ARTS107 Art History III Impressionism to Contemporary3 cr.

ARTS240 Masterpieces of the Western Tradition3 cr.

ARTS450 Art Theory and Criticism3 cr.

ARTS452 Contemporary Issues in Art	3 cr.
COMM365 Images on Film	3 cr.
COMM385 Law and Ethics in Media	3 cr.
COMM475 Media Ecology	3 cr.
One of the following:	
ARTS113 Photography I	3 cr.
ARTS312 Introduction to Illustration	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia.....	3 cr.
ARTS432 Digital Painting / Concept Art	3 cr.
MART330 Motion Graphic Design	3 cr.

Health Communication Major

Health Communication is an exciting and emerging field of interest and interdisciplinary study. The communication is critical and complex, and effectiveness is needed in a variety of contexts. Public health campaigns, client-provider interactions, cultural constructions of health and illness, telemedicine, health journalism, environmental risk, and community-based health organizations are just a few of the contexts, and there is a growing need for non-allied health communication professionals.

One of the unique characteristics of the Bethany student body is the desire to serve. This desire makes health communication an exciting opportunity for our students. They will have an opportunity to grow in a field that uses the principles of communication to address health care issues in a variety of contexts.

Program Goal

Introduce the role of communication in creating healthy individuals and social structures from a non-medical perspective.

Program Learning Outcomes

1. Understand the role of communication in shaping health care messages and public acceptance of these messages.
2. Interpret the development and use of health related messages and media in a variety of contexts.
3. Develop goals and strategies of health promotion as it relates to pathways in administration, public policy, public health campaign, health education, and/or health advocacy.

Core Requirements

Required courses:

COMM212 Interpersonal Communication	3 cr.
COMM330 Introduction to Health Communication.....	3 cr.
COMM430 Health Communication Theory and Research.....	3 cr.
HLTH240 Current Health Issues.....	3 cr.
HLTH330 History and Philosophy of Wellness.....	3 cr.
HLTH201 Nutrition.....	3 cr.
PSYC110 General Psychology	
or PSYC 120 Human Growth and Development	3-4 cr.

Health Communication Track (choose one)

For students interested in areas, but not limited to:

Health Care Administration and Public Policy Track

COMM370 Organizational Communication.....	3 cr.
BUSN450 Risk Management.....	3 cr.
LEGL470 Family Law	3 cr.
LEGL410 Health Policy and Law.....	3 cr.

For students interested in areas, but not limited to:

Public Health Campaigns Track

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia	3 cr.
COMM375 Public Relations and Advertising	
or BUSN431 Integrated Marketing Communication	3 cr.
MART295 Introduction to Broadcast Media	3 cr.

For students interested in areas, but not limited to:

Counseling/Social Work Track

HLTH470 Introduction to Diseases and Disorders	3 cr.
PSYC337 Physiological Psychology	
or PSYC340 Social Psychology	3 cr.
PSYC325 Psychology of Child Development	
or PSYC330 Psychology of Adult Development.....	3 cr.
PSYC350 Abnormal Psychology	
or PSYC380 Psychopharmacology.....	3 cr.

For students interested in areas, but not limited to:

Sociology and Public Service Track

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia	3 cr.
MART295 Introduction to Broadcast Media	3 cr.
PSYC325 Psychology of Child Development	
or PSYC330 Psychology of Adult Development	
or SOCL435 Death and Dying	3 cr.

Health Communication Minor

A minor in health communication requires the following courses:

COMM212 Interpersonal Communication	3 cr.
COMM330 Introduction to Health Communication.....	3 cr.
COMM430 Health Communication Theory and Research	3 cr.
HLTH240 Current Health Issues.....	3 cr.
HLTH330 History and Philosophy of Wellness.....	3 cr.
HLTH201 Nutrition.....	3 cr.
PSYC110 General Psychology	
or PSYC 120 Human Growth and Development	3-4 cr.

History Major

Mission Statement

History, while it may use tools of social science, the arts, science and religion, is fundamental to the humanities tradition within the liberal arts: history tells the story of humankind. History offers a certain original and important way of looking at the human experience. In contrasting the world's past with the present, history shows the complexity of human interactions and gives a clearer and wider perspective. This is necessary for intelligent decision making in a democratic society and a primary goal of a liberal arts education. Graduates of the history major possess a well-rounded perspective in which to understand past events in relation to present lives and are well suited for careers in research, government, business, education, communication, and in museums.

Program Learning Outcomes

- To identify the values and goals of important people of the past as they sought to influence their world.
- To identify chief characteristics of past world civilizations.
- To explain the roles of people, ideas, institutions, and actions in shaping historical developments.
- To apply critical thinking skills to the analysis of primary and secondary sources, including both written and visual media.
- To summarize the human and physical geography of major world civilizations, from ancient times to the present.
- To formulate a broad, historical perspective on world history, in order to become an historically informed participant in present-day American and global civic life.
- To polish with professional competence a work of formal academic writing, including documentation in the accepted style of the discipline, and to present a summary of one's research orally.

Entry into the Major

Students should declare history as their intended major as early in their college career as possible by filing the Declaration of Major/Change of Advisor form with the registrar. The student should simultaneously switch to an advisor in the History Department. The advisor will provide the student with an application for formal acceptance into the major, which generally occurs at the end of the sophomore year. At least four of the required lower division requirements or electives should be completed with no less than a "C+" in each course. Students must also have a GPA of 2.0 or above. Students will be notified of formal acceptance into the major by the chair of the History Department, who will also notify the registrar.

Core Requirements

Required lower-division surveys:

HIST111 Ancient Medieval Europe.....	3 cr.
HIST122 Modern World Civilizations.....	3 cr.
HIST207 History of USA I.....	3 cr.
HIST208 History of USA II.....	3 cr.

Major Electives

Choose one of the following interdisciplinary history courses:

ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
ARTS106 Art History II Renaissance to Realism.....	3 cr.
ARTS107 Art History III Impressionism to Contemporary.....	3 cr.
MUSC121 Music History I.....	3 cr.
MUSC122 Music History II.....	3 cr.
THTR310 Theatre History and Literature I.....	3 cr.
THTR311 Theatre History and Literature II.....	3 cr.

Eighteen additional credits in upper division history courses with at least three credits from American history, three credits from World history and three credits from a Thematic course that treats a focused topic across a broad chronological and/or geographical scope (which may simultaneously fulfill either the American or World requirement).

American History (choose at least one of the following):

HIST410 The Era of the American Revolution	3 cr.
HIST420 Constitution and Early Republic.....	3 cr.
HIST430 The American Civil War and Reconstruction.....	3 cr.
HIST450 Civil Rights Movement.....	3 cr.
HIST460 Religion in American History	3 cr.
HIST470 The Supreme Court and the American People.....	3 cr.
HIST480 Topics in American History	3 cr.

World History (choose at least one of the following):

HIST333 Medieval Europe.....	3 cr.
HIST350 French Revolution through Napoleon	3 cr.
HIST355 Britain, 1688-1901	3 cr.
HIST356 Britain, 1901-Present.....	3 cr.
HIST370 Imperialism and Globalization	3 cr.
HIST380 Topics in World History	3 cr.
HIST385 Western Legal Traditions.....	3 cr.

Thematic courses (choose at least one of the following which may simultaneously fulfill either the American or World requirement):

HIST370 Imperialism and Globalization	3 cr.
HIST380 Topics in World History (when the course is suitably thematic).....	3 cr.
HIST385 Western Legal Traditions	3 cr.
HIST460 Religion in American History	3 cr.
HIST470 The Supreme Court and the American People.....	3 cr.
HIST480 Topics in American History (when the course is suitably thematic)	3 cr.

Additional upper division electives:

HIST499 History Internship	1–6 cr.
----------------------------------	---------

Recommended religious studies electives to complement the history major:

Lower division

RELG223 The Life of Christ.....	3 cr.
RELG224 History of Israel	3 cr.
RELG226 Acts of the Apostles.....	3 cr.

Upper division

RELG300–302 History of Christian Thought I, II, III	3 cr. each
RELG316 Comparative World Religions.....	3 cr.
RELG320 Luther: His Ongoing Significance.....	3 cr.
RELG330 Christian Social Thought	3 cr.
RELG350 Islam	3 cr.
RELG360 History of the Christian Church.....	3 cr.
RELG435 Intertestament Period.....	3 cr.

Capstone

HIST490 Introduction to Historical Research and Writing.....	3 cr.
HIST493 Senior Seminar I.....	1.5 cr.
HIST494 Senior Seminar II.....	1.5 cr.

History Minor

The minor in history requires the following courses:

HIST111 Ancient Medieval Europe.....	3 cr.
HIST122 Modern World Civilizations.....	3 cr.
HIST207 History of USA I.....	3 cr.
HIST208 History of USA II.....	3 cr.

Nine additional credits must be earned in upper division

history (HIST) courses.....	9 cr.
-----------------------------	-------

Information Systems Minor

The minor in information systems requires the following courses:

COMS103 Introduction to Programming I.....	3 cr.
MISY300 Software Applications.....	3 cr.
MISY302 MIS in the Organization.....	3 cr.
MISY440 Project Management.....	3 cr.

Three of the following:

ARTS336 Graphic Design III: Introduction to Web Design.....	3 cr.
BUSN307 Business Communications.....	3 cr.
COMM475 Media Ecology.....	3 cr.
COMS104 Introduction to Programming II.....	3 cr.
COMS320 Data Communications.....	3 cr.
COMS322 Database Systems.....	3 cr.
MART397 Advance A/V Production.....	3 cr.
MUSC303 Music Communication and Tech.....	3 cr.
SCIE350 Technology in Society.....	3 cr.

Legal Studies Major

Mission Statement

The legal studies program prepares students for various law-related careers while adhering to biblical moral principles and values. This major equips students for a variety of vocations, including paralegal, business leadership, nonprofit board service, community development, consulting, corrections, and probation. This major also provides a foundation for the pursuit of advanced degrees in law or other graduate programs. Students cultivate a broad understanding of basic principles of law and the role and function of the legal system.

Program Learning Outcomes

Students majoring in legal studies will demonstrate an ability to:

1. Identify the appropriate legal procedures applicable to a variety of civil and criminal controversies;
2. Research and analyze the relationships among case facts, statutory law, case law, and constitutional principles involved in specific legal controversies;
3. Advocate, in both written and oral communication, for a particular party in a legal controversy;
4. Evaluate, in reference to both the historically contingent legal culture and the more transcendent principles of natural law, the arguments offered by competing sides in legal controversies.

Core Requirements

Lower Division Electives (18 credits)

Required courses:

LEGL210 Introduction to Legal Studies.....	3 cr.
SOCL240 Criminal Deviance and Justice	3 cr.

One of the following:

COMM230 Argument and Advocacy.....	3 cr.
PHIL201 Logic and Critical Thinking.....	3 cr.

One of the following:

PHIL202 Introduction to Philosophy.....	3 cr.
PHIL204 Ethics.....	3 cr.

One of the following:

ECON203 Principles of Macroeconomics	3 cr.
ECON204 Principles of Microeconomics	3 cr.

One of the following:

HIST207 History of USA I.....	3 cr.
HIST208 History of USA II.....	3 cr.
PLSC105 American Government	3 cr.
PLSC106 World Politics.....	3 cr.

Upper Division Requirements:

HIST385 Western Legal Traditions or HIST470 The Supreme Court and the American People.....	3 cr.
LEGL320 Legal Research and Writing.....	3 cr.
LEGL460 Legal Procedures	3 cr.
LEGL470 Family Law	3 cr.

One of the following:

BUSN360 Business Ethics.....	3 cr.
HIST350 French Revolution through Napoleon.....	3 cr.
HIST385 Western Legal Traditions (if not counted above)	3 cr.
HIST410 The Era of the American Revolution	3 cr.
HIST420 Constitution and Early Republic.....	3 cr.

HIST450 Civil Rights Movement.....	3 cr.
HIST470 The Supreme Court and the American People (if not counted above)	3 cr.
Two of the following:	
BUSN310 Principles of Management	3 cr.
BUSN330 Principles of Marketing.....	3 cr.
BUSN360 Business Ethics (if not counted above)	3 cr.
BUSN370 Legal Aspects of Business and Sport	3 cr.
BUSN420 Managing Human Resources	3 cr.
COMM385 Law and Ethics in Media	3 cr.
COMM389 Intercultural Communication	3 cr.
ECON330 Comparative Economic Systems	3 cr.
PHIL450 Philosophical Readings.....	3 cr.
PSYC340 Social Psychology	3 cr.
PSYC350 Abnormal Psychology.....	3 cr.
One of the following:	
LEGL495 Senior Seminar.....	3 cr.
LEGL499 Legal Studies Internship	3 cr.

Legal Studies Minor

A minor in legal studies requires:

Two of the following:

COMM230 Argument and Advocacy.....	3 cr.
HIST207 History of USA I.....	3 cr.
HIST208 History of USA II.....	3 cr.
PHIL201 Logic and Critical Thinking.....	3 cr.
PHIL202 Introduction to Philosophy.....	3 cr.
PHIL204 Ethics.....	3 cr.
PLSC105 American Government	3 cr.
PLSC106 World Politics	3 cr.

One of the following:

ECON203 Principles of Macroeconomics	3 cr.
ECON204 Principles of Microeconomics	3 cr.
SOCL240 Criminal Deviance and Justice	3 cr.

Upper Division Requirements

All of the following:

HIST385 Western Legal Traditions or HIST470 The Supreme Court and the American People.....	3 cr.
LEGL210 Introduction to Legal Studies.....	3 cr.
LEGL320 Legal Research and Writing.....	3 cr.

One of the following:

BUSN360 Business Ethics.....	3 cr.
LEGL460 Legal Procedures	3 cr.
LEGL470 Family Law	3 cr.

One of the following:

BUSN310 Principles of Management	3 cr.
--	-------

BUSN330 Principles of Marketing.....	3 cr.
COMM385 Law and Ethics in Media	3 cr.
COMM389 Intercultural Communication	3 cr.
ECON330 Comparative Economic Systems	3 cr.
HIST350 French Revolution through Napoleon	3 cr.
HIST385 Western Legal Traditions (if not counted above)	3 cr.
HIST410 The Era of the American Revolution	3 cr.
HIST420 Constitution and Early Republic.....	3 cr.
HIST450 Civil Rights Movement.....	3 cr.
HIST470 The Supreme Court and the American People (if not counted above)	3 cr.
PSYC340 Social Psychology	3 cr.
PSYC350 Abnormal Psychology.....	3 cr.

Liberal Arts Major

Mission Statement

The liberal arts major is cross-disciplinary and inter-disciplinary. It integrates the significant ways of looking at reality developed in the Western world — arts and letters, theology, mathematics, physical sciences, and social sciences — in the quest for truth, justice, and beauty.

Program Learning Outcomes

The goal of the liberal arts major is to produce creative and resourceful thinkers who are:

- Capable of intellectual, spiritual, moral vigor; critical and creative thought; and coherent and persuasive communication of ideas.
- Knowledgeable about and sensitive to their own and others; social, cultural, historical and religious perspectives.
- Aware of the physical world in which they live.
- Capable of translating their education into the civic sensibilities needed to serve in church and society.
- Capable of pursuing a deeper study of a particular discipline or topic that spans the disciplines.

Entry into the Major

Students should declare liberal arts as their intended major as early in their college career as possible by filing the Declaration of Major/Change of Advisor form with the registrar. The student's advisor should be from the area of the student's concentration, and must be approved by the director of the liberal arts major. Application for formal acceptance into the major, however, must be made through the student's advisor at the end of the sophomore year. Students must also have a GPA of 2.0 or above.

Core Requirements

1. A distribution of three- and four-hundred level courses in the following areas:
 - Social Studies (2 courses)
 - Arts and Humanities (3 courses)
 - History (1 course)
 - Science/Math (2 courses)
2. At least one concentration
3. HIST490 Introduction to Historical Research and Writing
and HIST493 Senior Seminar I and HIST494 Senior Seminar II

Concentrations

Integral to the liberal arts major are concentrations. The concentrations serve as a focal point for the major, adding disciplinary depth. A student may not have both a concentration and a minor in the same area. RELG489 may apply as an upper division elective for some concentrations, subject to approval by the director of the liberal arts major on an individual basis.

Ancient and Classical Studies

The concentration in ancient and classical studies requires:

ARTS105 Art History I Prehistory to the Gothic Period	
or THTR101 Introduction to Theatre	3 cr.
ENGL201 Survey of Greek Classical Literature	3 cr.
HIST111 Ancient Medieval Europe.....	3 cr.
PHIL202 Introduction to Philosophy.....	3 cr.
RELG224 History of Israel	3 cr.
Two semesters of one ancient language: Hebrew, Greek, or Latin	8 cr.
At least two of the following:	
PHIL330 History of Western Philosophy I.....	3 cr.
PHIL450 Philosophical Readings.....	3 cr.
RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon.....	3 cr.

RELG325 Psalms and Wisdom Literature of the Old Testament	3 cr.
At least one of the following:	
GREK304 Advanced Greek: Plato's Symposium.....	3 cr.
THTR310 Theatre History and Literature I	3 cr.

Ancient and Medieval Studies

The concentration in ancient and medieval studies requires:

HIST111 Ancient Medieval Europe.....	3 cr.
THTR310 Theatre History and Literature I	3 cr.

One of the following:

ENGL201 Survey of Greek Classical Literature	3 cr.
ENGL203 Ages of British Literature.....	3 cr.

One of the following:

GREK304 Advanced Greek: Plato's Symposium.....	3 cr.
HIST385 Western Legal Traditions.....	3 cr.
PHIL330 History of Western Philosophy I.....	3 cr.
PHIL450 Philosophical Readings.....	3 cr.
RELG325 Psalms and Wisdom Literature of the Old Testament	3 cr.

Art History

The concentration in art history requires:

ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
ARTS106 Art History II Renaissance to Realism.....	3 cr.
ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS344 American Art History	3 cr.
ARTS450 Art Theory and Criticism.....	3 cr.

One of the following:

HIST111 Ancient Medieval Europe.....	3 cr.
HIST122 Modern World Civilizations.....	3 cr.

One of the following:

ARTS101 Introduction to Art.....	3 cr.
ARTS102 2D Design	3 cr.
ARTS110 Drawing I.....	3 cr.

Biology

The concentration in biology requires:

BIOL151 General Biology I	4 cr.
BIOL152 General Biology II	4 cr.

Electives (18 credits minimum; no more than 2 SCIE courses):

BIOL203 Botany.....	4 cr.
BIOL215 Invertebrate Zoology	4 cr.
BIOL216 Vertebrate Zoology.....	4 cr.
BIOL221 Human Anatomy.....	4 cr.
BIOL222 Human Physiology.....	4 cr.
BIOL340 Genetics.....	4 cr.
BIOL350 Cell Biology.....	4 cr.
BIOL352 Immunology	4 cr.
BIOL360 Microbiology	4 cr.
BIOL370 Ecology.....	4 cr.
BIOL480 Topics in Biology	1-4 cr.
BIOL490 Introduction to Human Gross Anatomy	5 cr.
BIOL498 Biology Independent Research	1-4 cr.
BIOL499 Biology Internship	1-9 cr.
CHEM323 General Biochemistry.....	4 cr.

HLTH470 Introduction to Diseases and Disorders	3 cr.
PHED350 Kinesiology	3 cr.
PHED450 Exercise Physiology	4 cr.
SCIE320 History and Philosophy of Science	3 cr.
SCIE330 Ethics in Science	3 cr.
SCIE340 Environmental Issues.....	3 cr.

Communication

The concentration in communication requires at least two of the following:

COMM318 Small Group Communication	3 cr.
COMM320 Language, Thought and Meaning.....	3 cr.
COMM325 Processes of Criticism	3 cr.
COMM340 Rhetorical Traditions	3 cr.
COMM370 Organizational Communication.....	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.
Two additional communication (COMM) courses, one of which may be from the 200-level.	

English

The concentration in English requires:

ENGL200 Literary Analysis	3 cr.
ENGL321 Shakespeare	3 cr.
ENGL350 Literary Theory.....	3 cr.

One of the following:

ENGL205 Introduction to Fiction	3 cr.
ENGL230 Introduction to Contemporary Literature.....	3 cr.

One of the following:

ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.

One of the following:

ENGL331 Early American Authors	3 cr.
ENGL332 Modern American Authors	3 cr.

One of the following:

ENGL322 British Literature: 17th and 18th Centuries.....	3 cr.
ENGL323 British Literature: Early Romantics, and Victorians	3 cr.
ENGL324 British Literature: Later Romantics, and Victorians	3 cr.

One of the following:

COMM320 Language, Thought and Meaning.....	3 cr.
ENGL320 The English Language	3 cr.

History

The concentration in history requires:

HIST111 Ancient Medieval Europe.....	3 cr.
--------------------------------------	-------

Two of the following:

HIST122 Modern World Civilizations.....	3 cr.
HIST207 History of USA I.....	3 cr.
HIST208 History of USA I.....	3 cr.

A minimum of three upper division history HIST courses (300 or 400 level).

A minimum of one of the following courses:

ARTS344 American Art History	3 cr.
MUSC341 Music of the Renaissance and Baroque.....	3 cr.
MUSC342 Music of the Baroque and Classic Era.....	3 cr.
MUSC343 Music of the 19th Century.....	3 cr.

MUSC344 Music of the 20th Century.....	3 cr.
PHIL330 History of Western Philosophy I.....	3 cr.
PHIL331 History of Western Philosophy II.....	3 cr.
RELG360 History of the Christian Church.....	3 cr.
SCIE320 History and Philosophy of Science.....	3 cr.

Mathematics

The concentration in mathematics requires:

MATH120 Introduction to Statistics	3 cr.
MATH151 Calculus I.....	4 cr.
MATH152 Calculus II	4 cr.
MATH295 Foundations of Abstract Mathematics.....	3 cr.

Medieval Studies

The concentration in medieval studies requires three of the following:

ARTS105 Art History I Prehistory to the Gothic Period or THTR101 Introduction to Theatre	3 cr.
ENGL203 Ages of British Literature.....	3 cr.
HIST111 Ancient Medieval Europe.....	3 cr.
LATN101 Introduction to Latin I and LATN102 Introduction to Latin II	8 cr.
PHIL202 Introduction to Philosophy.....	3 cr.

At least two of the following:

HIST333 Medieval Europe.....	3 cr.
HIST340 Renaissance and Reformation Eras	3 cr.
HIST385 Western Legal Traditions	3 cr.
THTR310 Theatre History and Literature I	3 cr.

At least one of the following:

PHIL330 History of Western Philosophy I.....	3 cr.
PHIL450 Philosophical Readings.....	3 cr.
RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon.....	3 cr.

Music

The concentration in music requires three of the following:

MUSC111 Music Theory I.....	3 cr.
MUSC112 Music Theory II.....	3 cr.
MUSC121 Music History I.....	3 cr.
MUSC122 Music History II.....	3 cr.
MUSC211 Music Theory III	3 cr.
MUSC212 Music Theory IV	3 cr.

Two of the following:

MUSC303 Music Communication and Technology.....	3 cr.
MUSC335 Music Theatre.....	3 cr.
MUSC340 Survey of World Dance.....	3 cr.
MUSC341 Music of the Renaissance and Baroque.....	3 cr.
MUSC342 Music of the Baroque and Classic Era.....	3 cr.
MUSC343 Music of the 19th Century.....	3 cr.
MUSC344 Music of the 20th Century.....	3 cr.
MUSC417 Counterpoint and Composition.....	3 cr.
MUSC418 Analysis and Composition.....	3 cr.
MUSC435 Opera and Lyric Theatre.....	3 cr.
MUSC440 World Music	3 cr.

Two credits of applied music (private lessons)..... 2 cr.

Two credits of ensemble music..... 2 cr.

Natural Sciences

The concentration in the natural sciences requires:

Chemistry

CHEM107 General, Organic and Biochemistry..... 5 cr.

or

CHEM113 General Chemistry I **and**..... 5 cr.

CHEM114 General Chemistry II..... 5 cr.

Physics

PHYS151 College Physics I **and**..... 4 cr.

PHYS152 College Physics II..... 4 cr.

or

PHYS213 General Physics I **and**..... 5 cr.

PHYS214 General Physics II..... 5 cr.

Biology

BIOL101 Principles of Biology..... 4 cr.

or

BIOL151 General Biology I..... 4 cr.

General Sciences

Three of the following:

SCIE320 History and Philosophy of Science..... 3 cr.

SCIE330 Ethics in Science..... 3 cr.

SCIE340 Environmental Issues..... 3 cr.

SCIE350 Technology in Society..... 3 cr.

Philosophy

The concentration in philosophy requires 21 credits, distributed as follows:

Nine lower division credits:

PHIL201 Logic and Critical Thinking..... 3 cr.

PHIL202 Introduction to Philosophy..... 3 cr.

PHIL204 Ethics..... 3 cr.

At least one of the following:

PHIL330 History of Western Philosophy I..... 3 cr.

PHIL331 History of Western Philosophy II..... 3 cr.

PHIL450 Philosophical Readings..... 3 cr.

Up to three of the following philosophy-related courses in any combination, but no more than two courses from the same department (i.e., course prefix):

COMM320 Language Thought and Meaning..... 3 cr.

COMM325 Processes of Criticism..... 3 cr.

COMM340 Rhetorical Traditions..... 3 cr.

COMM385 Law and Ethics in Media..... 3 cr.

ENGL350 Literary Theory..... 3 cr.

RELG300 History of Christian Thought I:

Post-Apostolic Fathers to Chalcedon..... 3 cr.

RELG301 History of Christian Thought II: Chalcedon to 15th Century..... 3 cr.

RELG302 History of Christian Thought III:

Enlightenment, Modern, Post Modern..... 3 cr.

RELG330 Christian Social Thought..... 3 cr.

RELG360 History of the Christian Church..... 3 cr.

RELG420 The Rhetoric of Religion..... 3 cr.

SCIE320 History and Philosophy of Science..... 3 cr.

SCIE330 Ethics in Science..... 3 cr.

THTR420 Dramatic Theory and Criticism..... 3 cr.

Psychology

The concentration in psychology requires:

PSYC110 General Psychology	4 cr.
PSYC120 Human Growth and Development	3 cr.
PSYC475 History and Systems of Psychology.....	3 cr.
SOCL320 Research Methods in Social Sciences.....	3 cr.
Two additional upper division psychology (PSYC) courses	6 cr.

Religious Studies

The concentration in religious studies requires:

Completion of the lower-division religious studies requirement	7 cr.
A total of five upper-division religious studies courses.....	15 cr.

Taking **both** courses below may count as a substitution for **one** of the above upper-division religious studies courses:

GREK304 Advanced Greek: Plato's Symposium.....	3 cr.
HIST460 Religion in American History	3 cr.

Sociology

The concentration in sociology requires:

SOCL101 Introduction to Sociology.....	3 cr.
Five additional courses from the sociology electives, four of which must be upper division courses	15 cr.

Spanish

The concentration in Spanish requires:

SPAN203 Intermediate Spanish I.....	4 cr.
SPAN204 Intermediate Spanish II.....	4 cr.
SPAN305 Conversation and Literature I	4 cr.
SPAN306 Conversation and Literature II	4 cr.

One of the following:

SPAN320 History and Culture of Spain.....	3-4 cr.
SPAN340 Survey of the Literature of Spain	3 cr.
SPAN350 Survey of the Literature of Latin America.....	3 cr.

Studio Art

The concentration in studio art requires:

ARTS102 2D Design	3 cr.
ARTS110 Drawing I.....	3 cr.
ARTS202 3D Design	3 cr.

Core art history - three of the following:

ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
ARTS106 Art History II Renaissance to Realism.....	3 cr.
ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS240 Masterpieces of the Western Tradition.....	3 cr.

One of the following emphases:

Ceramics emphasis

ARTS115 Ceramics I.....	3 cr.
ARTS215 Ceramics II	3 cr.
ARTS315 Ceramics III	3 cr.

Drawing emphasis

ARTS210 Drawing II.....	3 cr.
ARTS211 Life Drawing I.....	3 cr.
ARTS311 Life Drawing II	3 cr.
ARTS312 Introduction to Illustration.....	3 cr.

Graphic Arts emphasis

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS330 Graphic Design II: Graphic Design Studio.....	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia	3 cr.
<i>Painting emphasis</i>	
ARTS114 Painting I.....	3 cr.
ARTS214 Painting II.....	3 cr.
ARTS314 Painting III	3 cr.
<i>Photography emphasis</i>	
ARTS113 Photography I.....	3 cr.
ARTS213 Photography II	3 cr.
ARTS313 Photography III: Analog Photography.....	3 cr.
ARTS413 Photography IV: Experimental	3 cr.
<i>Sculpture emphasis</i>	
ARTS116 Sculpture I	3 cr.
ARTS216 Sculpture II.....	3 cr.
ARTS316 Sculpture III.....	3 cr.
Optional:	
ARTS450 Art Theory and Criticism.....	3 cr.
ARTS452 Contemporary Issues in Art.....	3 cr.

Theatre

The concentration in theatre requires:

THTR101 Introduction to Theatre	3 cr.
THTR102 Acting I	3 cr.
One credit of THTR100 Production Involvement.....	1 cr.
One credit of THTR103 Shop Activity	1 cr.

One of the following:

THTR210 Directing I	3 cr.
THTR215 Fundamentals of Stage Craft Design	3 cr.

Three of the following:

THTR310 Theatre History and Literature I	3 cr.
THTR311 Theatre History and Literature II.....	3 cr.
THTR330 Period Style.....	3 cr.
THTR420 Dramatic Theory and Criticism.....	3 cr.

Two credits of 300-level practicum.....2 cr.

Mathematics Major

Contact the Office of the Registrar for information regarding the status of the Mathematics Major and the Minnesota Teaching License in Mathematics Track.

Mission Statement

The mathematics major at Bethany offers courses in both applied and theoretical mathematics to prepare students for advanced studies as well as careers in mathematics. It does this within a Christ-centered, liberal arts framework that encourages breadth as well as depth of knowledge. Mathematics, the study of patterns and structures more than of numbers, is presented as a means to enable students to practice independent thinking so as not to be shaken from the eternal foundation on which our moral and spiritual growth is based. Students develop analytical reasoning and the ability to apply mathematical logic to solve problems, thus improving critical thinking abilities.

Program Goal

Apply mathematical critical thinking and reasoning skills to better understand the inherent beauty and structure of God's creation.

Program Learning Outcomes

The student will be able to:

1. Formulate and apply algorithms to solve mathematical problems, implementing technology when appropriate, and judge the validity of the results.
2. Model and analyze real world problems by reformulating these problems in a mathematics context through drawing inferences from data represented graphically, verbally, numerically, or symbolically.
3. Organize and explain mathematical ideas in written and verbal form, including proper use of terms and notation.
4. Demonstrate mastery of the core concepts in algebra and analysis.
5. Develop and evaluate mathematical proofs.
6. Elucidate the interdependency of different areas of mathematics and the connections between mathematics and other disciplines.

Entry into the Major

A student may be admitted to the major after completing MATH243. Extraordinary cases will be dealt with on an individual basis. Students will be granted entry into the major if they have met the following requirements:

- Achieved an overall GPA of 2.5 or better
- Achieved a grade of "C" or better in MATH151, MATH152 and MATH243
- Secured an advisor within the mathematics major.

The major in mathematics requires a minimum of 43 credits distributed as follows:

Core Requirements

Students must achieve an average of a 2.0 GPA or better in the required core courses (24 credits):

*MATH151 Calculus I.....	4 cr.
*MATH152 Calculus II.....	4 cr.
*MATH243 Multivariable Calculus.....	4 cr.
*MATH295 Foundations of Abstract Mathematics.....	3 cr.
*MATH341 Introduction to Real Analysis.....	3 cr.
*MATH351 Linear Algebra.....	3 cr.
*MATH451 Abstract Algebra.....	3 cr.

Major Electives

Any combination of at least 15 credits:

COMS103 Introduction to Programming.....	3 cr.
MATH260 Differential Equations.....	3 cr.
*MATH321 Probability and Statistics I.....	3 cr.

*MATH322 Probability and Statistics II	3 cr.
*MATH330 Discrete Mathematics	3 cr.
*MATH 370 College Geometry	3 cr.
MATH380 Numerical Analysis	4 cr.
MATH385 Mathematical Modeling.....	3 cr.
MATH390 History of Mathematics	3 cr.
MATH461 Partial Differential Equations	3 cr.
MATH471 Complex Analysis.....	3 cr.
MATH480 Topics in Mathematics	1-4 cr.
MATH499 Mathematics Internship	1-4 cr.

Capstone

At least 4 credits:

MATH491 Mathematics Colloquium (2 semesters)	1 cr. per semester
--	--------------------

Choose one of the following:

*MATH495 Senior Thesis	2 cr.
MATH499 Mathematics Internship	1-4 cr.

Minnesota Teaching License in Mathematics Track

Contact the Office of the Registrar for information regarding the status of the Minnesota Teaching License in Mathematics Track.

Students seeking teaching licensure (5-12) are required to consult an academic advisor in both the Math and Education departments. In addition to the mathematics major requirements, students who seek state licensure for K-12 teaching of mathematics are required to take the courses listed in the mathematics major with an asterisk (*) above and the following courses and to pass them with a C+ or better:

EDUC100 Education Foundation/Philosophy.....	3 cr.
EDUC210 Linguistics for Professionals.....	1 cr.
EDUC230 Educational Psychology and Human Relations.....	3 cr.
EDUC370 Exceptional Learner	3 cr.
EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
EDUC401 Educational Technology and Media.....	2 cr.
EDUC430 Teaching Mathematics.....	3 cr.
EDUC450 Curriculum Planning and Assessment	2 cr.
EDUC455 Classroom Management.....	2 cr.
EDUC486 Capstone	2 cr.
EDUC495 Student Teaching I.....	12 cr.
EDUC497- Student Teaching II	4 cr.
MATH330 Discrete Mathematics	3 cr.
MATH370 College Geometry	4 cr.
MATH444 Methods in Teaching 5-12 Mathematics.....	4 cr.
HIST403 Native American Culture and Government	1 cr.
SOCL330 American Minorities	3 cr.

Important requirements of all students completing Minnesota Teaching Mathematics licensure at Bethany Lutheran College:

- Complete all standards based courses with a C+ or above.
- Maintain 2.75 GPA
- Pass the following Minnesota Teacher Licensure Exams:
 - MTLE: Pedagogy K-6 or 5-12
 - MTLE: Subject matter/content 5-12 mathematics
- Complete the Human Relations/Diversity components

- Complete all courses required for Minnesota State Licensure
- Satisfactory completion of Teaching Internships and Seminar
- Satisfactory completion of Professional Portfolio
- Submission of certification of Adult/Infant First Aid/AED/CPR Training

Note: An appeals process is outlined in the Elementary and Secondary Education Handbook. According to Minnesota Statute 122A.09 Subdivision 4 (c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Bethany Lutheran College Education Programs are accredited by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

Mathematics Minor

The minor in mathematics requires:

MATH151 Calculus I.....	4 cr.
MATH152 Calculus II	4 cr.
MATH243 Multivariable Calculus	4 cr.
MATH295 Foundations of Abstract Mathematics	3 cr.

Electives (at least 6 credits):

Any Mathematics (MATH) courses numbered above MATH243	
COMS103 Computer Programming I	3 cr.

Media Arts Major

Mission and Program Learning Outcomes

True creativity begins with knowledge. The media arts major is therefore a synthesis of the communication, studio art, and liberal arts curricula that gives rise to an intellectually creative skill set that moves far beyond the merely technical. The media arts major seeks to provide students with the conceptual and technical tools necessary to succeed in a variety of creative media industries. In this way our graduates will be enabled to participate in and thereby influence the shaping of American culture. With this firmly in mind, our students are challenged to discover ways in which they might bring a Christian sensibility to all that they undertake.

The media arts major seeks to produce graduates who:

- Can demonstrate proficiency with an appropriate variety of media and technologies.
- Can demonstrate familiarity with the theoretical and historical underpinnings of their chosen field of study.
- Can demonstrate the ability to approach visual communication challenges with creativity and insight, producing work that is consistently original and meaningful.
- Can demonstrate effective and professional written, verbal, and visual communication skills.
- Can demonstrate the ability to work effectively with others.

Acceptance into the Major

Each student is required to formally apply for admittance into the media arts major. This is typically done during the spring semester of the sophomore year. It is imperative that all prospective media arts majors partner with an advisor from the Media Arts Department.

A Media Arts Application Form may be obtained from any media arts faculty or downloaded from the media arts section of the college website. In order to gain admittance to, and to graduate with, the media arts major, students must maintain a 3.0 GPA in all pre-major and major coursework (see below).

Junior Review

At the end of the junior year, the transcript of each student will be examined by their advisor to ensure adequate progress is being made toward degree completion. At this point, admittance to the major may be rescinded.

Requirements

Pre-Major Requirements

Studio Foundations (choose one):

- ARTS102 2D Design.....3 cr.
- ARTS110 Drawing I3 cr.
- ARTS113 Photography I.....3 cr.
- ARTS114 Painting I.....3 cr.
- ARTS202 3D Design.....3 cr.

Production Foundations (choose one):

- MART295 Introduction to Broadcast Media3 cr.
- MART297 Audio/Video Production3 cr.

Additional required courses:

- ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary3 cr.
- ARTS290 Professional Practices Seminar1 cr.
- COMM240 Introduction to Mass Media3 cr.
- ENGL312 Reading as Writers Across Media.....3 cr.

Historical Perspective (6 credits - choose two):

- ARTS107 Art History III Impressionism to Contemporary3 cr.
- ARTS344 American Art History3 cr.
- ARTS452 Contemporary Issues in Art3 cr.
- COMM365 Images on Film3 cr.

Theoretical and Critical Analysis (9 credits)

- COMM385 Law and Ethics in Media3 cr.
- and two of the following:**
- ARTS450 Art Theory and Criticism3 cr.
- COMM325 Processes of Criticism3 cr.
- COMM475 Media Ecology.....3 cr.
- ENGL350 Literary Theory3 cr.
- MART475 Avant Garde/ Experimental Film3 cr.
- Capstone/Senior Project** (required)
- MART496 Media Arts Capstone I2 cr.
- MART497 Media Arts Capstone II2 cr.

Area of Emphasis (required)

Theory and practice (choose between two areas of emphasis) - 15 credits:

Motion Graphics and Animation

- ARTS330 Graphic Design II: Graphic Design Studio.....3 cr.
- MART397 Advanced Audio/Video Production3 cr.
- and three of the following:**
- ARTS312 Introduction to Illustration.....3 cr.
- ARTS332 Graphic Design IV: Design for Multimedia3 cr.
- ARTS336 Graphic Design III: Introduction to Web Design.....3 cr.
- ARTS432 Digital Painting/Concept Art3 cr.
- COMM360 Visual Communication.....3 cr.
- MART290 Introduction to Animation3 cr.
- MART330 Motion Graphic Design3 cr.
- MART435 Motion Graphics 2.....3 cr.

Video Arts and Broadcasting

- MART397 Advanced Audio/Video Production3 cr.
- and four of the following:**
- ARTS330 Graphic Design II: Graphic Design Studio.....3 cr.
- COMM333 Screenwriting.....3 cr.
- COMM360 Visual Communication.....3 cr.
- MART290 Introduction to Animation3 cr.
- MART330 Motion Graphic Design3 cr.
- MART465 Editing for Film and Video3 cr.

Optional Internship

- MART499 Media Arts Internship..... 1–4 cr.

Additional curricular suggestions and electives for the media arts student:

- ARTS213 Photography II3 cr.
- BUSN101 Introduction to Business.....3 cr.
- COMM389 Intercultural Communication3 cr.
- COMS103 Computer Programming I3 cr.
- MUSC102 Music Appreciation.....3 cr.
- THTR101 Introduction to Theatre3 cr.
- THTR320 Scene Design.....3 cr.
- THTR360 Lighting Design.....3 cr.
- THTR380 Sound Design3 cr.

Military Science and Leadership Minor

The minor in military science and leadership is available exclusively to students participating in the U.S. Army Reserve Officers' Training Corp (ROTC) program. Coursework integrates military leadership skills with principles of American government and the history of warfare, preparing cadets for future service to their nation as military officers. The minor consists of 21 credits distributed as follows:

Required lower division courses:

MILS210 Army Physical Fitness Training.....	1 cr.
PLSC105 American Government	3 cr.

Required upper division courses:

MILS301 Training Management and the Warfighting Function	1-5 cr.
MILS302 Applied Leadership in Small Unit Operations.....	1-5 cr.
MILS366 Advanced Camp	3 cr.
MILS401 The Army Officer.....	3 cr.
MILS402 Company Grade Leadership	3 cr.
MILS403 Application of Physical Conditioning.....	1 cr.

One of the following:

HIST410 The Era of the American Revolution	3 cr.
MILS252 Evolution of American Warfare	3 cr.

Music Major

Mission Statement

The Bethany Lutheran College Music Department strives to give students the knowledge and skills they will need to be successful stewards of their craft of music, encouraging them to be competent, enthusiastic, and creative, capable of using music in a variety of ways to glorify God while enriching people's lives in both sacred and secular settings.

Program Learning Outcomes

By graduation, a major in the music department at Bethany Lutheran College will:

- Create, manipulate, and analyze musical structures typical of the major historical musical periods, utilizing the elements of musical language including melody, harmony, rhythm, form, timbre and notation. ^{[[1]]}_{SEP}
- Demonstrate visual, aural, and factual knowledge about the art music of the Western Civilization and the cultural heritage of music from around the world through competence in the use of resources for research into music history and literature. ^{[[1]]}_{SEP}
- Rehearse and perform a wide variety of music with others in ensemble situations with an understanding how to modify individual performance skills for the good of the larger performing entity. ^{[[1]]}_{SEP}
- Demonstrate the technical skill necessary to perform representative repertoire of major musical periods and styles on their primary instrument.

Entry into the Major

Students should apply for admission into the degree program at the end of their third semester. Acceptance into the music degree programs requires a minimum 2.8 GPA in the music coursework of the first two years, and three semesters of ensemble and applied music.

Core Requirements

Required lower division courses:

MUSC111 Music Theory I.....	3 cr.
MUSC112 Music Theory II	3 cr.
MUSC114 Music Skills I.....	2 cr.
MUSC115 Music Skills II	2 cr.

MUSC121 Music History I.....	3 cr.
MUSC122 Music History II.....	3 cr.
MUSC211 Music Theory III.....	3 cr.
MUSC212 Music Theory IV.....	3 cr.
MUSC214 Music Skills III.....	2 cr.
MUSC215 Music Skills IV.....	2 cr.

Required upper division courses:

Five of the following:

MUSC303 Music Communication and Technology.....	3 cr.
MUSC335 Music Theatre.....	3 cr.
MUSC340 Survey of World Dance.....	3 cr.
MUSC341 Music of the Renaissance and Baroque.....	3 cr.
MUSC342 Music of the Baroque and Classic Era.....	3 cr.
MUSC343 Music of the 19th Century.....	3 cr.
MUSC344 Music of the 20th Century.....	3 cr.
MUSC417 Counterpoint and Composition.....	3 cr.
MUSC418 Analysis and Composition.....	3 cr.
MUSC435 Opera and Lyric Theatre.....	3 cr.
MUSC440 World Music.....	3 cr.
MUSC480 Topics in Music.....	3 cr.
MUSC489 International Study Tour.....	3 cr.

Additional requirements:

Seven credits of applied music (private lessons).....	7 cr.
Seven credits of ensemble music.....	7 cr.

Capstone

Students must take one of the following:

MUSC475 Recital (1 cr.) and MUSC490 Instruction IV (2 cr.).....	3 cr.
MUSC495 Senior Seminar Music.....	3 cr.

Area of Emphasis

Students who major in music may choose an emphasis which will guide and shape their course of study.

Church Music

Students will demonstrate an appreciation of the unique musical heritage of the Lutheran Church, and development of a sense of responsibility towards the further cultivation of that heritage through ongoing study, composition and performance.

MUSC161 Introduction to Conducting.....	1 cr.
MUSC235 Hymnody and Liturgics.....	3 cr.
MUSC261 Choral Conducting.....	3 cr.
MUSC307 Survey of Organ History and Literature.....	2 cr.
MUSC309 Service Playing and Repertoire.....	2 cr.

Two credits of applied music in a secondary medium

12 additional academic music course credits at the 300 and 400 level

Conducting

Students will demonstrate the ability to communicate musical direction through the gestures and manners of the accepted conducting techniques. They will also exhibit a technical grasp of the various challenges unique to choral and instrumental conducting.

MUSC161 Introduction to Conducting.....	1 cr.
MUSC235 Hymnody and Liturgics.....	3 cr.
MUSC261 Choral Conducting or MUSC262 Instrumental Conducting.....	3 cr.
MUSC418 Analysis and Composition.....	3 cr.

Twelve additional academic music course credits at the 300 and 400 level.
 Two credits of applied music conducting (MUSC 390F, 490F)
 The Music capstone will be a conducting program/project.

Music History

Students will demonstrate visual, aural and factual knowledge about the art music of the Western Civilization and the cultural heritage of music from around the world through identification of form, era, composer, and genre, and will be able to present written explorations of musical topics or live performances of musical creations. Students will acquire a competence in the use of analog as well as digital resources for research into musical history and literature.

- MUSC341 Music of the Renaissance and Baroque.....3 cr.
- MUSC342 Music of the Baroque and Classic Era.....3 cr.
- MUSC343 Music of the 19th Century.....3 cr.
- MUSC344 Music of the 20th Century.....3 cr.

3 additional academic music course credits at the 300 and 400 level.

The Music capstone may be a paper, lecture-demonstration, or recital with extensive notes.

Performance

Students will demonstrate the technique necessary to perform on their primary instrument; the ability to perform a representative repertoire of the major musical periods; develop fluency in their instrument with the ability to convey appropriate nuance, dynamic range, tempi, language and stylistic conventions; attain a working knowledge of the repertoire; give a convincing performance; display ability to work in small ensembles as well as solo performing; develop the ability to study a composition according to both theoretical and historical elements for performance; structure efficient practice/rehearsal time; display skills necessary to present themselves in various performance settings.

Students will present a junior recital and a senior capstone recital.

Students will successfully complete at least 13 credits of applied music in their primary performance medium (students will register for MUSC 290 in their second semester and continue with hour-long weekly lessons for the next six semesters).

Select one primary performance medium noted below and complete the defined coursework.

The following coursework is required:

Piano:

- MUSC317 Piano Literature.....2 cr.
- MUSC343 Music of the 19th Century.....3 cr.
- MUSC344 Music of the 20th Century.....3 cr.
- MUSC371 Piano Pedagogy.....1 cr.

Nine additional academic music course credits at the 300 and 400 level.

Voice:

- MUSC161 Introduction to Conducting.....1 cr.
- MUSC261 Choral Conducting.....3 cr.
- MUSC335 Music Theatre.....3 cr.
- MUSC343 Music of the 19th Century.....3 cr.
- MUSC373 Vocal Pedagogy.....1 cr.
- MUSC435 Opera and Lyric Theatre.....3 cr.

Six additional academic music course credits at the 300 and 400 level.

Instrumental:

- MUSC161 Introduction to Conducting.....1 cr.
- MUSC262 Instrumental Conducting.....3 cr.
- MUSC342 Music of the Baroque and Classic Era.....3 cr.
- MUSC343 Music of the 19th Century.....3 cr.
- MUSC344 Music of the 20th Century.....3 cr.

Six additional academic music course credits at the 300 and 400 level.

Theory and Composition

Students will be able to analyze a given piece of music from any historical period in terms of melody, harmony, rhythm, form, timbre, and notation, and explain how its characteristics are typical or atypical of the period in which it was composed. Students will be able to compose music that demonstrates their understanding of traditional approaches to music theory. Advanced student composers will also be able to use their own unique compositional style to create new, forward-looking works of art.

MUSC344 Music of the 20th Century.....	3 cr.
MUSC417 Counterpoint and Composition.....	3 cr.
MUSC418 Analysis and Composition.....	3 cr.
Six additional academic music course credits at the 300 and 400 level.	
Two credits of applied music composition. (390E, 490E)	
The Music capstone will be a composition project or recital.	

Music Minor

The minor in music requires:

Four of the following:

MUSC111 Music Theory I.....	3 cr.
MUSC112 Music Theory II.....	3 cr.
MUSC121 Music History I.....	3 cr.
MUSC122 Music History II.....	3 cr.
MUSC211 Music Theory III.....	3 cr.
MUSC212 Music Theory IV.....	3 cr.

Three of the following:

MUSC303 Music Communication and Technology.....	3 cr.
MUSC335 Music Theatre.....	3 cr.
MUSC340 Survey of World Dance.....	3 cr.
MUSC341 Music of the Renaissance and Baroque.....	3 cr.
MUSC342 Music of the Baroque and Classic Era.....	3 cr.
MUSC343 Music of the 19th Century.....	3 cr.
MUSC344 Music of the 20th Century.....	3 cr.
MUSC417 Counterpoint and Composition.....	3 cr.
MUSC418 Analysis and Composition.....	3 cr.
MUSC435 Opera and Lyric Theatre.....	3 cr.
MUSC440 World Music.....	3 cr.
MUSC480 Topics in Music.....	3 cr.
MUSC489 International Study Tour.....	3 cr.

Additional requirements:

Four credits of ensemble music.....	4 cr.
Six credits of private lessons.....	6 cr.

Nursing Major

Bachelor of Science in Nursing (B.S.N.)

Mission

The Bachelor of Science in Nursing program will prepare students to use the nursing process and an inter-professional approach to provide patient centered health care across the lifespan and continuum of care for patients of diverse populations through the acquisition of values, knowledge, and skills necessary to provide compassionate, safe, quality patient care as a Christian servant-leader within the profession.

Belief Statement

Following Jesus' commands, "Let your light shine before others, so that they may see your good works and give glory to your Father who is in heaven" (Matthew 5:16, ESV) and "Put on then, as God's chosen ones, holy and beloved, compassionate hearts, kindness, humility, meekness, and patience" (Colossians 3:12, ESV), students acquire a foundation for professional nursing practice grounded in a Christian worldview and servant leadership. The program curriculum also embraces concepts, assumptions, and propositions from Madeline Leininger's Culture Care Theory and Joanne R. Duffy's Quality Caring Model as the framework for providing patient centered health care.

Learning Outcomes

At the completion of the program, the Bachelor of Science in Nursing student will be able to do the following outcomes:

1. Synthesize knowledge and evidence from the liberal arts and sciences to facilitate critical thinking and clinical decision making in professional nursing practice.
2. Acknowledge responsibility for self-directed lifelong learning, personal growth, and professional role development.
3. Exhibit nursing leadership behaviors in the provision of holistic, relationship-centered patient care for individuals, families, communities, and populations.
4. Employ principles of quality improvement to enhance safe, quality health care delivery.
5. Analyze and use research to inform nursing care practices and make clinical judgments.
6. Utilize technology and informatics across the continuum of care to enhance outcomes for individuals, families, communities, and populations.
7. Evaluate the influence of political, social, and economic policies on health care systems and patient care services.
8. Collaborate with patients, families, professional colleagues, and the community to promote health and wellness of individuals, families, communities, and populations.
9. Evaluate effectiveness of verbal and written communication in the achievement of health care outcomes for individuals, families, communities, and populations.
10. Synthesize nursing and public health theory and practice to provide appropriate health and wellness nursing care for individuals, families, communities, and populations.
11. Integrate a personal framework of faith, spirituality, and professional values within ethical and legal frameworks in nursing practice.
12. Demonstrate the ability to assess and advocate for the spiritual and faith needs of individuals, families, communities, and populations.
13. Provide safe culturally congruent holistic nursing care for diverse individuals, families, communities, and populations.
14. Adapt to change within healthcare environments utilizing critical thinking and professional behaviors.

Entry into the Major

Application for admission to the nursing program is a separate process and in addition to being admitted to the College. Space is limited and not all qualified applicants are guaranteed admission. Requirements for application to enter the nursing program:

1. Application for Admission. Applications are accepted March 1–April 1 for admission to the fall cohort. Applications received after April 1 will be reviewed at the discretion of the program director. (See <https://www.blc.edu/nursing-major/entry> for application materials)

2. Sophomore standing eligibility (at least 28 credits) by end of semester of application
3. Minimum cumulative GPA of 2.75 on all courses through fall of sophomore year; all courses taken through fall of sophomore year are GPA ranked for admission status
4. Minimum of “C” in pre-requisites (Must be completed or enrolled in at time of application): BIOL 101 or BIOL 151 (*recommended course*), PSYC 110, ENGL 110, CHEM 107 or CHEM 113, COMM 111, BIOL 221, PSYC 120, BIOL 222, BIOL 360 (Note: Minimum of ‘B’ in BIOL101 is required as a prerequisite for BIOL360)
5. Minimum of “C” in support courses (Must be completed to graduate from nursing program): HLTH201, SCIE330, MATH120 (Note: MATH110 or MATH111 is pre-requisite for MATH120)
6. Required pre-requisite and support courses may be repeated only once (1). No more than three (3) required pre-requisite and support courses may be repeated. All of the required pre-requisite and support courses thereafter must be at least a “C” to qualify for admission to or progression in the nursing program. Failing a total of four (4) required pre-requisite and/or support courses will result in denial of admission to or dismissal from the nursing program. All failed required courses will be counted towards the dismissal policy (e.g. If first attempt is failed and the course is successfully repeated, the first attempt will be counted as one (1) failure for the dismissal policy). Two (2) withdrawals (either withdrawal passing or withdrawal failing) from the same required pre-requisite, support, or nursing course will be considered as one (1) failure and will count towards the dismissal policy.
7. At the time of application to the core nursing program, science credits, including transfer science credits and science credits taken at Bethany, cannot be older than six (6) years. This includes the following courses: BIOL101, BIOL151, CHEM107, CHEM113, BIOL221, BIOL222, and BIOL360. Students with science credits older than six (6) years will need to retake applicable science credits.
8. Copy of unofficial transcript
9. Two (2) recommendations (See <http://www.blc.edu/nursing-major> for Recommendation Form)
10. Complete and successfully pass a national criminal background check (and drug screen upon request; See <http://www.blc.edu/nursing-major> for directions)
11. Completion of the HESI® Admission Assessment Exam (Exam arranged through nursing program)
12. Director/faculty interview (upon request)

- Acceptance status letters will be mailed on or before May 1. Letters will be mailed to the address on the application unless otherwise indicated by applicant.
- Preference for admission to the nursing major will be given to students with general education, pre-requisite, and support course credits earned at Bethany. Transfer students must meet the same requirements for admission. Bethany Lutheran College does not accept nursing credits on transfer.
- Students not accepted for admission may be listed as an alternate per the Nursing Department Admissions Committee. Students on the alternate list may also reapply for admission to the nursing program the following year and will be considered in the next pool of applicants but will not be guaranteed admission.
- Students not accepted for admission may reapply for admission to the nursing program the following year. Students may reapply for admission two (2) times and must do so in consecutive years.
- Students desiring to transfer into the nursing program, whether from another institution, or from a different major at Bethany Lutheran College, are to follow the regular admission process and requirements of the nursing program. Transfer students from another institution must be admitted to the college before applying for admission to the nursing program. Official transcripts from all other institutions must be submitted to the college Registrar.
- Due to the traditional design of the curriculum, Bethany Lutheran College does not provide advanced standing to or accept core nursing credits on transfer from persons who currently hold licensure as a Licensed Practical Nurse (LPN). Any person holding LPN licensure desiring admission to the nursing program must follow the regular admission process and requirements of the nursing program.

Requirements Upon Acceptance and Before Starting the Nursing Program

Upon acceptance to the nursing program, students must provide additional requirements for clinical placement. The following requirements are due by August 1:

- Attend the mandatory nursing program orientation session (held in early May)

- Documentation of certification as a Certified Nursing Assistant OR documentation of satisfactory completion of a nursing assistant course within six years preceding acceptance to the nursing program (separate fees; provide copy of certificate)
- Current CPR/BLS for health care providers certification. CPR/BLS certification must be through American Heart Association, American Red Cross, or Military Training Network. (Must maintain throughout the entire nursing program. Provide copy of certificate/card.)
- Health Clearance Form with proof of required immunizations (See <http://www.blc.edu/nursing-major> for list of immunizations and Health Clearance Form)

General Education/Prerequisite Requirements

At the time of application to the core nursing program, science credits, including transfer science credits and science credits taken at Bethany, cannot be older than six (6) years. This includes the following courses: BIOL101, BIOL151, CHEM107, CHEM113, BIOL221, BIOL222, and BIOL360. Students with science credits older than six (6) years will need to retake applicable science credits.

*A grade of “C” or higher (per individual course scale) must be obtained in each of the prerequisite and support courses.

*BIOL101 Principles of Biology and Lab (Note: Minimum of ‘B’ in BIOL101 is required as a prerequisite for BIOL360)

or *BIOL151 General Biology I and lab (recommended course)	4 cr.
*BIOL221 Human Anatomy	4 cr.
*BIOL222 Human Physiology.....	4 cr.
*BIOL360 Microbiology	4 cr.
*CHEM107 General, Organic and Biochemistry	
or *CHEM113 General Chemistry I	5 cr.
*COMM111 Fundamentals of Speech.....	3 cr.
*ENGL100 and 101 Stretch Composition I and II.....	6 cr.
or ENGL110 College Writing.....	3 cr.
SMNR101 Freshman Seminar	2 cr.
*HLTH201 Nutrition.....	3 cr.
MATH111 College Algebra	
or MATH110 Math Problem Solving	4 cr.
*MATH120 Introduction to Statistics	3 cr.
*PSYC110 General Psychology.....	4 cr.
*PSYC120 Human Growth and Development	3 cr.
RELG108 Essentials of Christianity I	
or RELG110 Introduction to Christianity I.....	2 cr.
RELG109 Essentials of Christianity II	
or RELG111 Introduction to Christianity II.....	2 cr.
RELG electives (200 level).....	3 cr.
RELG electives (300 and 400 level).....	6 cr.
*SCIE330 Ethics in Science.....	3 cr.
General Education History Elective.....	3 cr.
General Education Literature Elective.....	3 cr.
General Education Fine Arts Elective	3 cr.

Core Requirements

Note: Enrollment in the nursing core courses requires formal acceptance into the nursing major. Students must pass the nursing core courses with a grade of “C+” or higher (per nursing grade scale).

NURS300 Fundamentals of Professional Nursing	3 cr.
NURS310 Assessment and Skills for Nursing	5 cr.
NURS320 Pharmacology for Nursing	3 cr.
NURS330 Pathophysiology for Nursing.....	3 cr.
NURS340 Gerontological Nursing.....	3 cr.
NURS350 Evidence-Based Nursing.....	2 cr.
NURS360 Adult Nursing.....	5 cr.

NURS370 Transcultural Nursing.....	3 cr.
NURS400 Issues and Trends in Nursing.....	3 cr.
NURS410 Childbearing Family Nursing.....	4 cr.
NURS420 Child and Adolescent Nursing.....	4 cr.
NURS430 Mental Health Nursing.....	3 cr.
NURS440 Community Health Nursing.....	3 cr.
NURS450 Leadership and Management in Nursing.....	5 cr.
NURS460 Transition into Professional Nursing.....	2 cr.

Health Requirements

In addition to college health requirements, students must meet clinical requirements needed to participate in clinical practicum.

This includes obtaining a physical examination and providing official documentation (clinic, hospital, health care provider, lab reports, or state immunization record) of required immunizations. The physical exam must be completed within twelve (12) months prior to starting the nursing program. Students must complete the Health Clearance Form and provide official documentation of:

- MMR (measles/rubeola, mumps, rubella/German measles): Two (2) MMR vaccinations or positive titer of each. If titer is negative, documentation of 1 “booster” dose and a repeat titer is required. Those who have a positive titer after the single “booster” dose are considered to be immune and no further testing or vaccination is needed. Those who have a negative titer after the “booster” dose must receive 1 additional dose
- Tetanus/Diphtheria (Td) or Tetanus/Diphtheria/Pertussis (Tdap): Vaccination within past 10 years.
- Pertussis: If did not receive Tdap, vaccination since age 6 years or positive pertussis titer
- Polio: Four (4) vaccinations as a child or three (3) vaccinations as adult or positive polio titer for polio types 1 and 3 (polio type 2 titer is not required)
- Varicella (Chicken pox): Two (2) vaccinations or positive varicella titer. If titer is negative, documentation of 1 “booster” dose and a repeat titer is required. Those who have a positive titer after the single “booster” dose are considered to be immune and no further testing or vaccination is needed. Those who have a negative titer after the “booster” dose must receive 1 additional dose.
- Tuberculosis: Negative two-step TB skin test (Mantoux), or two negative consecutive annual tests, or QuantiFERON gold test or T-Spot titer test. If skin test is positive, a chest x-ray is required with provider documentation of negative disease within 12 months of beginning nursing program. A one-step skin test must be completed annually and current while in the nursing program. Students who have a history of a positive TB skin test must complete an annual symptom screen instead of an annual TB skin test.
- Hepatitis B vaccination or Hepatitis A/B combo vaccination: Three (3) vaccinations. Documentation of the first of three doses is required prior to the start of clinical. Documentation of the entire series of three doses within six months of starting the Hepatitis B series is required. Positive anti-HBs titer is also acceptable. If anti-HBs titer is negative, documentation of 1 “booster” dose and a repeat test for anti-HBs 1–2 months later is required. Those who test positive for anti-HBs after the single “booster” dose are considered to be immune and no further testing or vaccination is needed. Those who test negative for anti-HBs after the “booster” dose must receive 2 additional doses to complete a second 3-dose series.
OR Complete Hepatitis B vaccination declination form. Note: Some clinical sites may not allow participation in clinical experiences at their site without the Hepatitis B vaccination. The nursing program does not guarantee an alternative facility placement. If no clinical agency placement is available, you may be dismissed from the nursing program.
- Influenza: Vaccine required annually by November 1 based on the availability of the vaccine. Documentation from a physician or provider, stating that the student is medically contraindicated (ex: allergic reaction) from receiving such vaccine, is the only exception. A note from a medical doctor, chiropractor, nurse practitioner or physician assistant will not be acceptable simply because the individual is against having the vaccine.
- Medical health insurance coverage (self, through parents, Medical Assistance). Student insurance may be purchased from a variety of companies such as: Nurses Service Organization (www.nso.com), Aetna (www.aetnastudenthealth.com), United Healthcare (www.uhcsr.com), and Cigna (www.cigna.com).

The following additional requirements are due prior to the Transcultural Nursing clinical experience as specified by faculty or the Director of Nursing. Additional vaccinations may be required depending upon travel arrangements.

- Hepatitis A vaccination or Hepatitis A/B combo vaccination. Two (2) vaccinations. First dose should be before September 1 and second dose should be before March 1. Positive HAV total antibody test or HAV IgG titer is also acceptable.
- Typhoid. One (1) vaccination before March 1 (either 1 injection or 4 doses of oral vaccine)
- Passport. Students must have a current passport by March 1 of junior year. Passport must have at least 3 months remaining prior to expiration date.

Compliance tracking of the Health Clearance Form, required immunizations, CPR Certification, nursing assistant course or CNA, and medial health insurance coverage is completed online through Castle Branch. Please contact the Director of Nursing for specific procedures.

Program Fee

In addition to the college tuition and fees, students who are admitted to the nursing program will be assessed a program fee of \$800 per semester. Nursing students incur many costs beyond tuition and textbooks. The use of a formal program fee will help evenly distribute the payment of costs over four semesters, provide for more consistent budgeting for the student, and will enhance the student's ability to integrate the costs into their financial aid requests. The fee will pay for the following personal property and services:

1. Official Uniforms (Scrub top x 2; Polo top; Pants or skirt x 2; Lab coat; Name badge)
2. Nursing Practice Tools
3. Nursing Skills Supply Lab Kit
4. Malpractice/Liability Insurance
5. Health Requirements Compliance Tracking
6. MN Dept of Health and Human Services Background Study
7. Clinical Placement
8. Simulation Lab
9. HESI® Exams
10. Nursing Pin
11. International Immersion Experience (*Note: Students who pay the semester fee but do not participate in the immersion experience due to academic reasons will be refunded the portion of the fee applied to the immersion experience. Students who participate in the immersion experience but do not progress in the nursing program will be billed for the remaining balance of their immersion experience expenses.)

Paralegal Certificate

The Paralegal Certificate Program requires the following courses:

Required course:

LEGL210 Introduction to Legal Studies.....3 cr.

Two of the following:

COMM230 Argument and Advocacy.....3 cr.
 HIST207 History of USA I.....3 cr.
 HIST208 History of USA II.....3 cr.
 PHIL201 Logic and Critical Thinking.....3 cr.
 PHIL202 Introduction to Philosophy.....3 cr.
 PHIL204 Ethics.....3 cr.
 PLSC105 American Government.....3 cr.
 PLSC106 World Politics.....3 cr.

One of the following:

ECON203 Principles of Macroeconomics.....3 cr.
 ECON204 Principles of Microeconomics.....3 cr.
 SOCL240 Criminal Deviance and Justice.....3 cr.

Upper Division Requirements

HIST385 Western Legal Traditions
 or HIST470 The Supreme Court and the American People.....3 cr.
 LEGL320 Legal Research and Writing.....3 cr.
 LEGL499 Legal Studies Internship.....2-9 cr.

One of the following:

BUSN360 Business Ethics.....3 cr.
 LEGL460 Legal Procedures.....3 cr.
 LEGL470 Family Law.....3 cr.

One of the following:

BUSN310 Principles of Management.....3 cr.
 BUSN330 Principles of Marketing.....3 cr.
 COMM385 Law and Ethics in Media.....3 cr.
 COMM389 Intercultural Communication.....3 cr.
 ECON330 Comparative Economic Systems.....3 cr.
 HIST350 French Revolution through Napoleon.....3 cr.
 HIST385 Western Legal Traditions (if not counted above).....3 cr.
 HIST410 The Era of the American Revolution.....3 cr.
 HIST420 Constitution and Early Republic.....3 cr.
 HIST450 Civil Rights Movement.....3 cr.
 HIST470 The Supreme Court and the American People
 (if not counted above).....3 cr.
 PSYC340 Social Psychology.....3 cr.
 PSYC350 Abnormal Psychology.....3 cr.

Philosophy Minor

The minor in philosophy requires 21 credits, distributed as follows:

Lower division: (9 credits)

PHIL201 Logic and Critical Thinking.....	3 cr.
PHIL202 Introduction to Philosophy.....	3 cr.
PHIL204 Ethics.....	3 cr.

At least one of the following: (3 credits)

PHIL330 History of Western Philosophy I.....	3 cr.
PHIL331 History of Western Philosophy II.....	3 cr.
PHIL450 Philosophical Readings.....	3 cr.

Three of the following philosophy-related courses in any combination, but no more than two courses from the same department (i.e., course prefix):

(9 credits)

COMM320 Language Thought and Meaning.....	3 cr.
COMM325 Processes of Criticism.....	3 cr.
COMM340 Rhetorical Traditions.....	3 cr.
COMM385 Law and Ethics in Media.....	3 cr.
ENGL350 Literary Theory.....	3 cr.
RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon.....	3 cr.
RELG301 History of Christian Thought II: Chalcedon to 15th Century.....	3 cr.
RELG302 History of Christian Thought III: Enlightenment, Modern, Post Modern.....	3 cr.
RELG330 Christian Social Thought.....	3 cr.
RELG340 Apologetics.....	3 cr.
RELG420 The Rhetoric of Religion.....	3 cr.
RELG425 Eastern Religion/Spirituality in America.....	3 cr.
SCIE320 History and Philosophy of Science.....	3 cr.
SCIE330 Ethics in Science.....	3 cr.
THTR420 Dramatic Theory and Criticism.....	3 cr.

Psychology Major

Mission Statement

The psychology major at Bethany is designed to introduce the student to the science of mental processes and behavior at the individual and group level, thus providing the framework for understanding the greatest work of God’s creation – human beings. The psychology major is focused on an integrative view of human functioning and experience, based on the foundations of the Christian faith and rigorous scholarship within the fields of psychology. The goal is to equip students to understand human beings in all of their complexities so that they may apply that knowledge to glorify God and love our neighbors as ourselves.

Program Learning Outcomes

Program objectives reflect the unique mission of Bethany’s Psychology program and are based on the American Psychological Association’s Guidelines for the Undergraduate Psychology Major. Upon graduation, every student majoring in psychology will be able to meet the following learning objectives:

1. **Knowledge Base:** Students will be able to demonstrate fundamental knowledge and comprehension of the major concepts, theoretical perspectives, historical trends, and empirical findings in psychology. Students will also be able to discuss how psychological principles, connected to the Christian faith, apply to behavioral and mental problems.
2. **Scientific Inquiry and Critical Thinking:** Students will be able to critically evaluate information to interpret and draw conclusions about psychological phenomena. Students will also be able to demonstrate scientific reasoning and problem-solving, including effective research methods, to investigate psychological phenomena.
3. **Ethical and Social Responsibility and Respect for Diversity:** Students will be able to demonstrate in professional and personal settings ethical and socially responsible behaviors, grounded in the Christian faith. Students will also be able to demonstrate awareness of how multicultural and global concerns impact their understanding of psychology.
4. **Communication and Professional Development:** Students will be able to demonstrate competence in writing and in oral and interpersonal communication skills for different purposes within the psychology discipline. Students will also be able to apply psychology-specific content and skills to personal, academic, and career development.

Entry into the Major

Psychology majors must complete a formal application and interview after completing one college semester. The following qualifications will be necessary for acceptance into the major:

- An overall GPA of 2.5 or above
- A grade of “C” or above in General Psychology, and in Human Growth and Development
- Successful completion of an interview by the department

Core Requirements

A major in psychology requires a minimum of 37 credits in the Psychology Department: 28 core credit requirements and a minimum of 9 additional elective credits. The major also requires 16 credits outside the Psychology Department. Psychology majors must pass all major courses listed below with at least a 1.7 GPA (C-), while maintaining an overall 2.0 GPA (C) requirement in the major.

Required non-major courses

Objective 1: Knowledge Base (one of the following)

BIOL101 Principles of Biology4 cr.

BIOL151 General Biology I4 cr.

Objective 2: Scientific Inquiry and Critical Thinking (one of the following)

COMM230 Argument and Advocacy3 cr.

PHIL201 Logic and Critical Thinking.....3 cr.

SCIE320 History and Philosophy of Science3 cr.

Objective 3: Ethical and Social Responsibility and Respect for Diversity

(one of the following)

PHIL204 Ethics.....3 cr.

SCIE330 Ethics in Science.....3 cr.

Objective 3: Ethical and Social Responsibility and Respect for Diversity

(one of the following)

RELG330 Christian Social Thought	3 cr.
RELG340 Apologetics.....	3 cr.
RELG425 Eastern Religion/Spirituality in America	3 cr.

Objective 4: Communication and Professional Development

ENGL210 College Writing II	3 cr.
----------------------------------	-------

Recommended (especially if planning on graduate school):

MATH120 Introduction to Statistics	3 cr.
--	-------

Core Psychology Courses

Objective 1: Knowledge Base

PSYC110 General Psychology	4 cr.
PSYC120 Human Growth and Development	3 cr.
PSYC215 Personality.....	3 cr.
PSYC335 Learning and Cognition or PSYC337 Physiological Psychology.....	3 cr.
PSYC340 Social Psychology or PSYC350 Abnormal Psychology	3 cr.
PSYC475 History and Systems of Psychology.....	3 cr.
Any three upper division psychology electives (minimum of 9 credits).....	9 cr.

Objective 2: Scientific Inquiry and Critical Thinking

SOCL320 Research Methods in Social Sciences.....	3 cr.
--	-------

Objective 3: Ethical and Social Responsibility and Respect for Diversity

PSYC230 Cross-cultural Psychology or PSYC270 Gender.....	3 cr.
---	-------

Objective 4: Communication and Professional Development

PSYC290 Career Development in Psychology I	1 cr.
PSYC390 Career Development in Psychology II.....	2 cr.

Recommended (especially if planning on graduate school):

PSYC497 Research Opportunity in Psychology.....	1-3 cr.
PSYC499 Psychology Internship.....	1-3 cr.

Psychology Minor

The minor in psychology requires:

PSYC110 General Psychology	4 cr.
PSYC120 Human Growth and Development	3 cr.
PSYC475 History and Systems of Psychology.....	3 cr.
At least three other courses in psychology, one of which must be upper division (minimum of 9 credits)	9 cr.

Religion Major

Mission Statement

The mission of the religion major in the Christian liberal arts curriculum of Bethany Lutheran College is to prepare students for participation in the ongoing, in-depth discussion of religion in church and society. The context of our study assumes the perspective of confessional Lutheranism rooted in the Reformation heritage of Scripture Alone, Grace Alone, Faith Alone, and Christ Alone. Its content includes the rigorous study of the Lutheran tradition, the broader Christian tradition, the comparison of that tradition with other major world religions, and an exploration of how the social sciences and the field of communication connect with the study of religion. Course selection within the major allows students to follow their interests either into a historical/dogmatic emphasis or a Biblical studies emphasis, or to pursue a combination of both.

Program Learning Outcomes

- **Biblical Knowledge:** Demonstrate a working knowledge of the Bible by being able to explain its structure, history and chronology, genres (such as history, poetry, prophecy), canonicity, interpretation (hermeneutics), and Christocentricity (Christ-centeredness).
- **Doctrinal knowledge:** Describe and relate major doctrines of Christianity, such as: Trinity, Incarnation, Atonement/Justification, Law and Gospel, Means of Grace (Gospel in Word and Sacraments), and the Mission of the Church.
- **Historical and denominational knowledge:** Summarize and analyze the history and Creeds of the Christian Church by distinguishing between various religious traditions and denominations, and recognizing major thinkers, leaders, and movements.
- **Cultural analysis:** Reflect and analyze how the culture of Christianity relates to the cultures that surround it (for example, in regard to ethics, vocation, political-social issues, worship).
- **Textual analysis:** Demonstrate the ability to read and critically interpret other religious texts in the light of the Christian Scriptures.
- **Techniques for Communicating:** to polish with professional competence a work of formal academic writing, including documentation in the accepted style of the discipline, and to present a summary of one's research orally.

Core Requirements

Required lower division courses:

RELG110 Introduction to Christianity I.....	2 cr.
RELG111 Introduction to Christianity II.....	2 cr.
RELG2XX Second year religion elective.....	3 cr.

Required upper division courses:

RELG316 Comparative World Religions.....	3 cr.
RELG335 The Lutheran Confessions.....	3 cr.
RELG420 The Rhetoric of Religion.....	3 cr.
RELG340 Apologetics.....	3 cr.

Major Electives

Choose four of the following courses:

RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon.....	3 cr.
RELG301 History of Christian Thought II: Chalcedon to 15th Century.....	3 cr.
RELG302 History of Christian Thought III: Enlightenment, Modern, Post Modern.....	3 cr.
RELG320 Luther: His Ongoing Significance.....	3 cr.
RELG325 Psalms and Wisdom Literature of the Old Testament.....	3 cr.
RELG330 Christian Social Thought.....	3 cr.
RELG350 Islam.....	3 cr.
RELG360 History of the Christian Church.....	3 cr.
RELG380 Pauline Literature.....	3 cr.
RELG382 Johannine Literature.....	3 cr.
RELG425 Eastern Religion/Spirituality in America.....	3 cr.
RELG435 Intertestament Period.....	3 cr.

RELG480 Topics in Religious Studies.....	3 cr.
RELG495 Senior Seminar in Religious Studies	3 cr.
RELGIND Independent Study (per Instructor’s approval)	3 cr.

Area of Emphasis

Completion of a minor in another academic discipline is required for this major.

Capstone

HIST490 Introduction to Historical Research and Writing	3 cr.
HIST493 Senior Seminar I.....	1.5 cr.
HIST494 Senior Seminar II.....	1.5 cr.

Religion Minor

The minor in religion requires a minimum of 24 credits.

RELG110 Introduction to Christianity I.....	2 cr.
RELG111 Introduction to Christianity II.....	2 cr.

Two religion (RELG) courses at the 200-level

(MUSC235 may be counted as one of these)..... 3 cr.

Four upper division RELG courses 12 cr.

Additional 2–3 RELG courses (depending on credits for a total of 24 credits),
or up to two of the following:

GREK304 Advanced Greek: Plato’s Symposium.....	3 cr.
HIST460 Religion in American History	3 cr.

Sociology Minor

The minor in sociology requires the following courses:

SOCL101 Introduction to Sociology3 cr.

Minor Electives

Five of the following courses, four of which must be upper division courses:

PHED320 Social Aspects of Sports	3 cr.
PSYC270 Gender.....	3 cr.
PSYC330 Psychology of Adult Development	3 cr.
PSYC340 Social Psychology.....	3 cr.
RELG330 Christian Social Thought	3 cr.
SCIE375 Theories of Science in the Twentieth Century.....	3 cr.
SOCL104 Cultural Anthropology.....	3 cr.
SOCL240 Criminal Deviance and Justice	3 cr.
SOCL290 Comparative Historical Sociology	3 cr.
SOCL300 Sociology of Medicine and the Body.....	3 cr.
SOCL320 Research Methods in Social Sciences	3 cr.
SOCL330 American Minorities	3 cr.
SOCL351 Sociology of Art and Film	3 cr.
SOCL405 Continental Philosophy: The Early Foundations of Sociology.....	3 cr.
SOCL410 Sociological Theory.....	3 cr.
SOCL435 Death and Dying	3 cr.
SOCL497 Independent Research.....	3 cr.
SOCL499 Sociology Internship.....	3–6 cr.

Spanish Minor

The minor in Spanish requires the following courses:

SPAN203 Intermediate Spanish I.....	4 cr.
SPAN204 Intermediate Spanish II.....	4 cr.
SPAN305 Conversation and Literature I	4 cr.
SPAN306 Conversation and Literature II	4 cr.
SPAN320 History and Culture of Spain.....	3–4 cr.

One of the following:

SPAN340 Survey of the Literature of Spain	3 cr.
SPAN350 Survey of the Literature of Latin America.....	3 cr.

Special Education Major

Academic and Behavioral Strategist

Mission Statement

A teacher holding the Academic and Behavioral Strategist license is authorized to provide evaluation and specially designed instruction to eligible children and youth with disabilities from kindergarten through age 21 who have a range of mild to moderate needs in the areas of academic, behavior, social/emotional, communication, and functional performance. These students may be eligible for special education services in the primary disability areas of autism spectrum disorders (ASD), developmental cognitive disability (DCD), emotional/behavioral disorders (EBD), other health disorders (OHD), and specific learning disabilities (SLD).

Program Learning Outcomes

Bethany Lutheran College students majoring in special education will meet the following objectives as they fulfill the requirements for the B.A. degree and Minnesota State Licensure:

- Master course content that includes curriculum, pedagogy, and proficiencies based on the Minnesota Standards of Effective Practice for Teachers.
- Demonstrate performance objectives that require effective instructional planning, delivery, and assessment skills for all students.
- Develop professionalism as evidenced by the candidate's professional growth in several areas including self-confidence, sensitivity to the learner's needs and awareness of classroom effectiveness, and awareness of the need for continual growth.
- Write clearly and coherently, read with comprehension, speak effectively, and listen with care and openness.
- Use mathematical skills and knowledge of quantitative methods of assessment and evaluation.
- Use appropriate technologies as tools for problem solving and for finding, analyzing, and communicating information.
- Think critically and reflectively and draw reasonable, supportable conclusions both individually and in groups.
- Cultivate physical and psychological health and well-being within oneself and others.
- Engender the will to pursue continued cultural, intellectual, professional and spiritual growth
- Integrate an ethical perspective, a sense of moral purpose, and an understanding of the Christian faith.

Special Education Scope

Bethany's special education major offers Minnesota state-approved teaching licensure for Special Education K–12. The focus of the Special Education major will be Academic Behavior Specialist.

Entry into the Major

The liberal arts serve as a foundation on which students build their professional education sequence.

1. Successful completion of 55 credits of general education core courses including EDUC100, EDUC230, and EDUC 370
2. An application to the special education major
3. A one-page autobiographical essay
4. A transcript that verifies a 2.75 GPA in the core education major classes
5. A preliminary plan for matriculation through the major
6. Interview with the special education major committee
7. A positive clinical experiences from EDUC100, 230, and/or 370

General Education Requirements

SMNR101 Freshman Seminar	2 cr.
International Language	8 cr.
ENGL100 and 101 Stretch Composition I and II	6 cr.
or ENGL110 College Writing.....	3 cr.
COMM111 Fundamentals of Speech.....	3 cr.
HIST207 History of USA I	
or HIST 208 History of USA II.....	3 cr.
RELG108 or 110.....	2 cr.
RELG109 or 111.....	2 cr.

RELG200 electives	3 cr.
RELG300 electives	6 cr.
EDUC230	3 cr.
Lab Science elective	4 cr.
Literature elective	3 cr.
Fine Arts elective	3 cr.
Math elective (Math 110 or higher).....	3-4 cr.
*SOCL330 American Minorities	3 cr.
*HIST403 Native American Studies.....	1 cr.

Education Requirements

A grade of C+ or higher must be obtained in each of these courses as these courses contain embedded licensure standards.

EDUC100 Education Foundations and Philosophy	3 cr.
EDUC230 Educational Psychology and Human Relations	3 cr.
EDUC370 Introduction to the Exceptional Learner	3 cr.
EDUC401 Educational Technology and Media.....	2 cr.
EDUC450 Curriculum Planning and Assessment	2 cr.
EDUC455 Classroom Management	1 cr.
SOCL330 American Minorities	3 cr.
HIST403 Native American Culture and Government	1 cr.

Special Education Core Requirements

A grade of C+ or higher must be obtained in each of these courses as these courses contain embedded licensure standards.

EDUC210 Linguistics for Professionals.....	1 cr.
SPED200 Identification and Assessment for Special Education Services	3 cr.
SPED300 Special Education IEP and Transition Planning.....	4 cr.
SPED310 Special Education Law and Advocacy.....	2 cr.
SPED320 Literacy Assessment and Interventions for Students with Disabilities	4 cr.
EDUC325 Children’s Literature.....	3 cr.
SPED340 Behavior Management and Classroom Environments for Students with Disabilities.....	3 cr.
SPED350 Special Education Practicum I	1 cr.
SPED360 Practicum II.....	1 cr.

Academic and Behavioral Strategist Licensure

A grade of C+ or higher must be obtained in each of these courses as these courses contain embedded licensure standards.

EDUC390 Teaching Reading and Writing in the Content Areas.....	3 cr.
EDUC430 Teaching Math.....	4 cr.
EDUC495 Student Teaching I.....	12 cr.
EDUC497-G Student Teaching II	4 cr.
EDUC486 Capstone	2 cr.
PSYC120 Human Growth and Development	3 cr.
PSYC325 Psychology of Child Development.....	3 cr.
SPED370 Consultation, Collaboration and Resources in Special Education.....	2 cr.
SPED400 Behavioral Methods and Mental Health for Mild to Moderate Disabilities	3 cr.
SPED401 Methods and Strategies for Teaching Students with Mild-Moderate Disabilities	4 cr.

Important requirements of all students completing Minnesota Teaching in Special Education licensure at Bethany

Lutheran College:

Complete all standards based courses with a C+ or above.

Maintain 2.75 GPA

Pass the following Minnesota Teacher Licensure Exams:

- MTLE: Pedagogy K-6 or 5-12

- MTLE: Subject matter/content 5-12 mathematics

Complete the Human Relations/Diversity components

Complete all courses required for Minnesota State Licensure

Satisfactory completion of Teaching Internships and Seminar

Satisfactory completion of Professional Portfolio

Submission of certification of Adult/Infant First Aid/AED/CPR Training

Note: An appeals process is outlined in the Elementary and Secondary Education Handbook. According to Minnesota Statute 122A.09 Subdivision 4(c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Bethany Lutheran College Education Programs are approved by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

Studio Art Major

Mission Statement

The studio art major provides curricular opportunities for the development of technical skills, aesthetic judgment, and historical understanding. Participation in both studio and art history courses stimulates critical thinking and refines creative potential in the visual arts. The studio art major may choose to pursue a variety of interests: oil painting, sculpture, ceramics, graphic design, multimedia, or photography.

Program Learning Outcomes

The studio art program at Bethany Lutheran College strives to produce graduates who:

- Exhibit excellent visual and verbal communication skills.
- Exhibit competence with all appropriate media and technologies.
- Exhibit the ability to approach visual problems with creativity and insight.
- Exhibit familiarity with the professional practices in their chosen field of study.
- Exhibit the ability to produce work that is consistently original and meaningful.
- Have critically examined the role of the artist in society, particularly the unique responsibilities of the Christian visual artist.

Entry into the Major

During the freshman and sophomore years, each student is expected to complete the freshman studio core and the sophomore studio requirements. It is also imperative during this time that all prospective art majors have an advisor from the Studio Art Department. In the second semester of the sophomore year, students must apply for admission to the major. Application forms may be downloaded from the Bethany website (www.blc.edu/studio-art/documents). In order to gain admission to, and graduate with, the studio art major, students must maintain a 3.0 GPA in all studio courses and a 2.0 GPA in all art history courses. Upper division studio courses are typically reserved for those with a declared studio art major or minor, or with special permission from the instructor.

Junior Review

At the end of the junior year, the transcript of each student will be examined by their advisor to ensure adequate progress is being made toward degree completion. At this point, admission to the major may be rescinded.

Students who seek state licensure for secondary level (grades K–12) teaching of art must first meet all requirements for “Entry into the Education Major” (see Education Major). These students are required to take all courses containing state standards in art (designated with an asterisk (*) below) and the courses listed under “State of Minnesota Teaching Licensure in Visual Arts” and must pass them with a “C+” or better. Consult with the department chair for additional art course requirements for an art major with secondary level licensure preparation.

Lower Division Core Requirements

Studio Core – 25 total credits:

*ARTS102 2D Design	3 cr.
*ARTS110 Drawing I.....	3 cr.
*ARTS115 Ceramics	
or *ARTS116 Sculpture	3 cr.
*ARTS202 3D Design	3 cr.
*ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary.....	3 cr.
*ARTS290 Professional Practices Seminar.....	1 cr.

Core art history - three of the following:

*ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
*ARTS106 Art History II Renaissance to Realism.....	3 cr.
*ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS240 Masterpieces of the Western Tradition.....	3 cr.

Tier 2 Studio – minimum of 6 credits required, choose from the following courses: The core studio courses may be taken concurrently with the Tier 2 courses.

*ARTS113 Photography I.....	3 cr.
*ARTS114 Painting I.....	3 cr.
ARTS210 Drawing II.....	3 cr.
ARTS211 Life Drawing I.....	3 cr.
ARTS213 Photography II.....	3 cr.
ARTS214 Painting II.....	3 cr.
ARTS215 Ceramics II.....	3 cr.
ARTS216 Sculpture II.....	3 cr.

Upper Division Core Requirements

Upper division art history and criticism (6 credits)

ARTS344 American Art History or ARTS452 Contemporary Issues in Art.....	3 cr.
ARTS450 Art Theory and Criticism.....	3 cr.

Senior Project and Exhibition (5 credits)

ARTS494 Senior Project/Capstone	3 cr.
ARTS495 Senior Exhibition.....	2 cr.

Area of Emphasis

The student is to choose one of three primary areas of emphasis: 2D, 3D, or graphic design. A minimum of 12 upper division credits is required for the major, with at least six credits completed within the area of emphasis. Candidates seeking Minnesota teaching licensure are not required to select an area of emphasis. Licensure candidates are, however, strongly encouraged to include five studio courses in preparation for their senior show.

2-Dimensional emphasis:

ARTS311 Life Drawing II	3 cr.
ARTS312 Introduction to Illustration.....	3 cr.
ARTS313 Photography III: Analog Photography.....	3 cr.
ARTS314 Painting III.....	3 cr.
ARTS324 Painting IV	3 cr.
ARTS412 Illustration II.....	3 cr.
ARTS413 Photography IV: Experimental	3 cr.
ARTS414 Painting V	3 cr.
ARTS424 Painting VI.....	3 cr.
ARTS432 Digital Painting/Concept Art	3 cr.

3-Dimensional emphasis:

ARTS315 Ceramics III	3 cr.
ARTS316 Sculpture III.....	3 cr.
ARTS325 Ceramics IV	3 cr.
ARTS416 Sculpture IV.....	3 cr.
ARTS425 Ceramics V.....	3 cr.
ARTS426 Ceramics VI.....	3 cr.

Graphic Design emphasis:

ARTS330 Graphic Design II: Graphic Design Studio	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia	3 cr.
ARTS336 Graphic Design III: Introduction to Web Design	3 cr.

Internship Opportunity

Students may apply through the Studio Art Department for the completion of a program of practical experiences. Typical internship opportunities may include graphic design, gallery management, and art education.

ARTS499 Art Internship.....	1–4 cr.
-----------------------------	---------

Minnesota Teaching Licensure Track

Students seeking teaching licensure are required to consult an academic advisor in both the Studio Art and Education Departments. In addition to the Studio Art major requirements, students who seek state licensure for K–12 teaching of Visual Arts are required to take the courses listed with an asterisk (*) in the studio art major and pass the following courses with a C+ or higher:

ARTS444 Methods in Teaching K–12 Art	3 cr.
EDUC100 Education Foundation/Philosophy	3 cr.
EDUC210 Linguistics for Professionals	1 cr.
EDUC230 Educational Psychology and Human Relations.....	3 cr.
EDUC370 Introduction to the Exceptional Learner	3 cr.
EDUC390 Teaching Reading and Writing in the Content Areas	3 cr.
EDUC401 Educational Technology and Media.....	2 cr.
EDUC450 Curriculum Planning and Assessment	2 cr.
EDUC455 Classroom Management	1 cr.
EDUC486 Capstone	2 cr.
EDUC495 Student Teaching I.....	12 cr.
EDUC497-F Student Teaching II.....	4 cr.
EDUCPTF Education Professional Portfolio	0 cr.
EDUCTPA Education Teacher Performance Assessment	1 cr.
HIST403 Native American Culture and Government	1 cr.
SOCL330 American Minorities	3 cr.

Additional requirements of all students completing Minnesota Teaching Art licensure at Bethany Lutheran College:

- Maintain 2.75 GPA
- Complete all standards based courses with a C+ or above.
- Pass the following Minnesota Teacher Licensure Exams:
 - MTLE: Pedagogy K–6 or 5–12
 - MTLE: Subject matter/content K–12 Art
- Complete the Human Relations/Diversity Component
- Complete all courses required for Minnesota State Licensure
- Satisfactory completion of Teaching Internships
- Satisfactory completion of Professional Portfolio
- Evidence of certification in Adult and Child First Aid/AED/CPR

Note: An appeals process is outlined in the Elementary and Secondary Education

Handbook. According to Minnesota Statute 122A.09 Subdivision 4(c), a candidate who remains unsatisfied with a dispute regarding recommendation for licensure may appeal the decision to the Minnesota Board of Teaching.

Bethany Lutheran College Education Programs are accredited by the Minnesota Professional Educator Licensing and Standards Board (PELSB).

Studio Art Minor

Art foundation core - 15 total credits

Studio:

ARTS102 2D Design	3 cr.
ARTS110 Drawing I.....	3 cr.
ARTS202 3D Design	3 cr.

Art History (two of the following):

ARTS105 Art History I Prehistory to the Gothic Period.....	3 cr.
ARTS106 Art History II Renaissance to Realism	3 cr.
ARTS107 Art History III Impressionism to Contemporary	3 cr.
ARTS240 Masterpieces of the Western Tradition.....	3 cr.
ARTS340 Masterpieces of the Western Tradition II.....	3 cr.

Advanced Studio - Minimum of nine credits from one of the three advanced areas of emphasis.

2-Dimensional emphasis:

ARTS210 Drawing II	3 cr.
ARTS211 Life Drawing I	3 cr.
ARTS311 Life Drawing II	3 cr.
ARTS312 Introduction to Illustration.....	3 cr.
ARTS114 Painting I.....	3 cr.
ARTS214 Painting II.....	3 cr.
ARTS314 Painting III	3 cr.
ARTS113 Photography I.....	3 cr.
ARTS213 Photography II	3 cr.
ARTS313 Photography III: Analog Photography.....	3 cr.
ARTS413 Photography IV: Experimental	3 cr.

3-Dimensional emphasis:

ARTS116 Sculpture I	3 cr.
ARTS216 Sculpture II.....	3 cr.
ARTS316 Sculpture III	3 cr.
ARTS115 Ceramics I.....	3 cr.
ARTS215 Ceramics II.....	3 cr.
ARTS315 Ceramics III	3 cr.

Graphic Design emphasis:

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
ARTS330 Graphic Design II: Graphic Design Studio	3 cr.
ARTS332 Graphic Design IV: Design for Multimedia	3 cr.
ARTS336 Graphic Design III: Introduction to Web Design.....	3 cr.

Theatre Major

Mission Statement

The Bethany Lutheran College Theatre Department strives to nurture and support the development of exemplary and well-rounded theatre artists who are able to employ their creative and academic gifts with wisdom, discernment, and an understanding of art's potential as a gift of God. A distinctively personal, Christ-centered approach to instruction in the theatre arts is the foundation of the department's existence. Students are encouraged to apply their knowledge academically, philosophically, and creatively, through classroom engagements, theatrical productions, and other specialized projects.

Program Learning Outcomes

The Bethany Lutheran College Theatre department strives to instruct and encourage ethical Christian artists within the Theatre Arts. The Theatre Major aims to produce graduates who:

- demonstrate a working knowledge and a creative proficiency of the production elements and processes within: design, direction, construction, management, dramaturgy and performance, through original thought and innovation.
- will be able to employ a variety of critical approaches to history, literature, theory, and the social significance of theatre art.
- recognize the power and influence of performance, and make ethical, thoughtful, and critical choices consistent with Biblical Christian principles.
- will be able to effectively employ research and bibliographic materials appropriate to the discipline.

The Bethany theatre major, in accordance with the liberal arts philosophy, approaches this discipline from a broad based perspective. Within the major guidelines a student may choose an emphasis in theatre production or performance.

Core Requirements

Required lower division courses (15 credits required):

THTR100 Production Involvement (Repeatable).....	2 cr.
THTR101 Introduction to Theatre	3 cr.
THTR102 Acting I	3 cr.
THTR103 Shop Activity Credit (Repeatable).....	1 cr.
THTR210 Directing I.....	3 cr.
THTR215 Fundamentals of Stagecraft and Design.....	3 cr.

Choose one additional Performance Emphasis course (3 credits required):

Additional credits beyond 3 may be applied to Major Electives

THTR240 Vocal Production and Interpretation.....	3 cr.
THTR302 Acting II.....	3 cr.

Choose two additional Design Emphasis courses (6 credits required):

Additional credits beyond 6 may be applied to Major Electives

THTR320 Scenic Design.....	3 cr.
THTR360 Lighting Design.....	3 cr.
THTR380 Sound Design	3 cr.
THTR390 Costume Design.....	3 cr.

Choose one additional Advanced Creative Emphasis course (3 credits required):

Additional credits beyond 3 may be applied to Major Electives

THTR410 Directing II.....	3 cr.
THTR430 Playwriting.....	3 cr.

Required upper division courses (21 credits required):

THTR300 Theatre Practicum (Repeatable)	3 cr.
THTR310 Theatre History and Literature I	3 cr.
THTR311 Theatre History and Literature II.....	3 cr.
THTR330 Period Style	3 cr.
THTR420 Dramatic Theory and Criticism.....	3 cr.
THTR460 Theatre Management.....	3 cr.
THTR495 Theatre Capstone (Repeatable).....	3 cr.

Major Electives

Choose at least three of the following (minimum of 9 credits):

ARTS450 Art Theory and Criticism.....	3 cr.
ARTS452 Contemporary Issues In Art	3 cr.
COMM360 Visual Communication.....	3 cr.
ENGL321 Shakespeare	3 cr.
MUSC335 Music Theatre.....	3 cr.
MUSC435 Opera and Lyric Theatre.....	3 cr.
THTR280 Topics in Theatre (repeatable by topic).....	1–3 cr.
THTR480 Advanced Topics in Theatre (repeatable by topic).....	1–3 cr.
Any additional performance, design, or advanced production emphasis not completed for core requirements (3-9 credits)... 3-9 cr.	

Theatre Minor

The minor in theatre requires the following:

THTR100 Production Involvement (Repeatable).....	2 cr.
THTR101 Introduction to Theatre	3 cr.
THTR103 Shop Activity Credit (Repeatable).....	1 cr.
THTR300 Theatre Practicum (Repeatable)	1–2 cr.
THTR495 Theatre Capstone (Repeatable).....	1–3 cr.

Two of the following (6 credits):

THTR102 Acting I	3 cr.
THTR210 Directing I	3 cr.
THTR215 Fundamentals of Stage Craft and Design.....	3 cr.
THTR240 Vocal Production and Interpretation.....	3 cr.

One of the following Theatre History course (3 credits required):

THTR310 Theatre History and Literature I	3 cr.
THTR311 Theatre History and Literature II.....	3 cr.

Choose one additional Design Emphasis course (3 credits required):

Additional credits beyond 6 may be applied to Major Electives

THTR320 Scenic Design.....	3 cr.
THTR360 Lighting Design.....	3 cr.
THTR380 Sound Design	3 cr.
THTR390 Costume Design.....	3 cr.

Choose two of the following electives:

ENGL321 Shakespeare	3 cr.
MUSC335 Music Theatre.....	3 cr.
MUSC435 Opera and Lyric Theatre.....	3 cr.
THTR280 Topics in Theatre (repeatable by topic).....	1–3 cr.
THTR330 Period Style.....	3 cr.
THTR410 Directing II.....	3 cr.
THTR420 Dramatic Theory and Criticism.....	3 cr.
THTR430 Playwriting.....	3 cr.
THTR460 Theatre Management.....	3 cr.
THTR480 Advanced Topics in Theatre (repeatable by topic).....	1–3 cr.

PRE-PROFESSIONAL PROGRAMS

Bethany offers a number of pre-professional programs that prepare students for further study in the areas of law, medicine, dentistry, ministry, physical therapy, pharmacy, and veterinary science. These pre-professional programs are not majors but rather an outline of courses of study that are typically required for entrance into a professional program. In most cases a specific major is not required to prepare for these professional programs. Experience has shown that the following programs coupled with a liberal arts education create very strong candidates for these professional programs.

Bethany's pre-professional programs are designed with most professional programs found in the Midwest in mind. However, entrance requirements may vary from program to program and may change over time. It is important that the student research the prerequisite courses at professional programs in which they are interested. In addition, these suggested prerequisite courses are only part of the admission requirements for these professional programs. There are often many other things to consider that are needed to make a student an attractive candidate.

Pre-Dentistry

Students interested in attending dental school most often complete a biology or chemistry major, though there is no required major. Most dental schools prefer students with a broad undergraduate education that includes a number of required and recommended courses.

Typical Required Coursework:

Two semesters of writing courses (ENGL110 and 210 or 213)

Two semesters of general chemistry (CHEM113 and 114)

Two semesters of organic chemistry (CHEM215 and 216)

One semester of general biochemistry (CHEM323)

Two semesters of general biology (BIOL151 and 152)

Two semesters of college physics (PHYS151 and 152)

One semester of college algebra (MATH111)

Recommended:

Zoology (BIOL215 or 216), human anatomy (BIOL221), physiology (BIOL222), genetics (BIOL340), microbiology (BIOL360), human gross anatomy (BIOL490), statistics (MATH120), psychology (PSYC110)

It is suggested that students finish the required coursework by their junior year so they are prepared to take the Dental Admission Test (DAT) before their senior year.

Pre-Law

Students interested in becoming an attorney, paralegal, or legal assistant may supplement a major of their choosing with law-related courses from across the curriculum; however, Bethany now offers a legal studies major and minor that will directly prepare students for the law school entrance exam and for law school itself. Law schools do not require any particular major or minor, but the legal studies curriculum has been designed to specifically prepare students for professional careers in law. Bethany's pre-law and legal studies students not only develop skills in analytical reading, critical thinking, and persuasive communication, but also learn to apply biblical wisdom to the ethical challenges of contemporary legal practice.

Within a given major there are courses that are recommended for their ability to provide pre-law students with an opportunity to sample the kinds of issues they'll encounter in the legal profession or with training in the kinds of skills they'll need to succeed in law school.

Many of these recommended courses fulfill general education requirements, making them fit easily within any major the student selects. Students interested in pre-law should consult the pre-law advisor early in their career to plan out a course of study.

Recommended courses:

COMM230 Argument and Advocacy

LEGL210 Introduction to Legal Studies

LEGL320 Legal Research and Writing

LEGL460 Legal Procedures

LEGL470 Family Law

HIST470 The Supreme Court and the American People

BUSN360 Business Ethics
SOCL240 Criminal Deviance and Justice

Pre-Medicine

Students interested in attending medical school most often complete a biology or chemistry major, though there is no required major. Most medical schools prefer students with a broad undergraduate education that includes a number of required and recommended courses.

Typical Required Coursework:

Two semesters of general chemistry (CHEM113 and 114)
Two semesters of organic chemistry (CHEM215 and 216)
One semester of general biochemistry (CHEM323)
Two semesters of general biology (BIOL151 and 152)
One semester of statistics (MATH120)
One semester of math (MATH151 recommended)
Two semesters of college physics (PHYS151 and 152)
One writing intensive upper division course in the humanities or social sciences

Recommended:

Human anatomy (BIOL221), physiology (BIOL222), genetics (BIOL340), immunology (BIOL352), microbiology (BIOL360), human gross anatomy (BIOL490), psychology courses (PSYC110, 120, or 350)

It is suggested that students finish the required coursework by their junior year so they are prepared to take the Medical College Admission Test (MCAT) before their senior year.

Pre-Pharmacy

Students interested in attending pharmacy school most often complete a chemistry or biology major, though there is no required major. Most pharmacy schools prefer students with a broad undergraduate education that includes a number of required and recommended courses.

Typical Required Coursework:

Two semesters of general chemistry (CHEM113 and 114)
Two semesters of organic chemistry (CHEM215 and 216)
One semester of general biochemistry (CHEM323)
Two semesters of general biology (BIOL151 and 152)
One semester of anatomy (BIOL221)
One semester of physiology (BIOL222)
One semester of microbiology (BIOL360)
One semester of statistics (MATH120)
One semester of calculus (MATH151)
One semester of physics (PHYS213)
Two courses in social and behavioral sciences
One course in advanced composition (ENGL210 or 213)
One course in ethics or philosophy

Recommended:

Genetics (BIOL340), cell biology (BIOL350), immunology (BIOL352), microbiology (BIOL360), human gross anatomy (BIOL490)

It is suggested that students finish the required coursework by their junior year so they are prepared to take the Pharmacy College Admission Test (PCAT) before their senior year.

Pre-Physical Therapy

Students interested in attending physical therapy school most often complete an exercise science or biology major, though there is no required major. Most physical therapy schools prefer students with a broad undergraduate education that includes a number of required and recommended courses.

Typical Required Coursework:

Two semesters of general chemistry (CHEM113 and 114)

Two semesters of general biology (BIOL151 and 152)
One semester of anatomy (BIOL221)
One semester of physiology (BIOL222)
One semester of kinesiology (PHED350)
One semester of statistics (MATH120)
One semester of math (MATH111 or 151)
Two semesters of college physics (PHYS151 and 152)
Two psychology courses (PSYC110, 120, or 350 recommended)

Recommended:

Cell (BIOL350), genetics (BIOL340), human gross anatomy (BIOL490), exercise physiology (PHED450)

Pre-Seminary

There is no specific major that prepares a student for enrollment in a seminary. At Bethany Lutheran College special attention is given to preparing students for admission to Bethany Lutheran Theological Seminary (BLTS). Academically, the applicant to BLTS should have a baccalaureate degree from an accredited college or university. He should be a member of the Evangelical Lutheran Synod or a congregation in fellowship with the ELS. The applicant will have a good working knowledge of Greek and Hebrew. Under ordinary circumstances the applicant will have taken two years of both languages with a “C” or better grade point average in order to meet the language requirement. The applicant, finally, should be a serious student of the Holy Scriptures. He should be well-versed in both the historical and doctrinal content of the Bible.

Required coursework:

Four semesters of Greek (GREK101, 102, 203, and 204)
Four semesters of Hebrew (HEBR101, 102, 203, 204)

Recommended Additional Language Courses:

LATN101 and LATN102
GERM101 and GERM102
NORW101 and NORW102
SPAN101 and SPAN102

Recommended Education Course:

EDUC400 Teaching the Christian Faith

Recommended Religion Courses:

RELG223 Life of Christ
RELG224 History of Israel
RELG226 Acts of the Apostles
RELG229 Christian Doctrine
RELG302 History of Christian Thought III
RELG320 Luther: His Ongoing Significance
RELG340 Apologetics

Recommended History Courses:

HIST111 Ancient and Medieval Europe
HIST340 Renaissance and Reformation Eras

Recommended English Courses:

ENGL210 College Writing II
ENGL350 Literary Theory

Recommended Philosophy Course:

PHIL202 Introduction to Philosophy

Recommended Communication Courses:

COMM115 Competitive Speaking
COMM212 Interpersonal Communication
COMM315 Advance Competitive Speaking

Recommended Music Course:

MUSC235 Hymnody and Liturgics

Recommended Psychology Courses:

PSYC110 General Psychology

PSYC230 Cross Cultural Psychology

PSYC325 Psychology of Child Development

PSYC450 Principles and Strategies of Counseling

Recommended Sociology Courses:

SOCL101 Introduction to Sociology

SOCL435 Death and Dying

Pre-Veterinary

Students interested in attending veterinary school most often complete a biology or chemistry major, though there is no required major. Most veterinary schools prefer students with a broad undergraduate education that includes a number of required and recommended courses.

Typical Required Coursework:

Two semesters of general chemistry (CHEM113 and 114)

Two semesters of organic chemistry (CHEM215 and 216)

One semester of general biochemistry (CHEM323)

Two semesters of general biology (BIOL151 and 152)

Two semester of zoology (BIOL215 and 216)

One semester of genetics (BIOL340)

One semester of microbiology (BIOL360)

One semester of math (MATH111 recommended)

Two semesters of college physics (PHYS151 and 152)

Course Descriptions

ACCT207 Accounting I (4)

Principles and practices required to prepare and analyze business records are introduced. Topics covered include the accounting cycle, internal control, accounts receivable, inventories, current liabilities, depreciation, payroll accounting, and partnerships.

ACCT208 Accounting II (4)

Topics introduced in ACCT207 are extended with coverage of corporate accounting, long-term liabilities, cash flows, financial statement analysis, international accounting, management accounting, budgets, variance analysis, and capital budgeting. **Prerequisite:** ACCT207 or consent of instructor.

AMSL101 American Sign Language I (4)

Introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community, including basic vocabulary, syntax, fingerspelling, and grammatical non-manual signals. Focuses on communicative competence. Develops gestural skills as a foundation for ASL enhancement. Introduces cultural knowledge and increases understanding of the Deaf Community. AMSL102 is a continuation of AMSL101.

AMSL102 American Sign Language II (4)

Introduces the fundamentals of American Sign Language (ASL) used by the Deaf Community, including basic vocabulary, syntax, fingerspelling, and grammatical non-manual signals. Focuses on communicative competence. Develops gestural skills as a foundation for ASL enhancement. Introduces cultural knowledge and increases understanding of the Deaf Community. **Prerequisite:** AMSL101 or placement exam.

ARTS101 Introduction to Art (3)

Introductory study of the techniques, philosophy, history, and vocabulary of the visual arts. Lecture and hands-on studio exercises leading to the development of skills in creative thinking, visual communication, and technique. Not intended for art majors.

ARTS102 2D Design (3)

Foundation level course that explores the elements and principles of design and their application across artistic disciplines; drawing, painting, photography, media and design. Emphasis will be placed on discovering creative solutions to visual problems in two dimensions.

ARTS105 Art History I Prehistory to the Gothic Period (3)

Survey of man's contribution to the visual arts in Western Civilization from pre-history to the Renaissance. Aesthetic and philosophical background stressed.

ARTS106 Art History II Renaissance to Realism (3)

Survey of man's contribution to the visual arts in Western Civilization from Renaissance to Realism.

ARTS107 Art History III Impressionism to Contemporary (3)

Survey of man's contribution to the visual arts in Western Civilization from Impressionism to Contemporary.

ARTS110 Drawing I (3)

Introduction to visual expression in traditional drawing skills and materials. Emphasis on perception and development of imagery.

ARTS113 Photography I and Lab (3)

Introduction to photography. Introduction to technical, conceptual and historical aspects of still imagery through digital technology. A thorough understanding of digital editing software will be achieved.

ARTS114 Painting I (3)

Introduction to traditional oil painting techniques. Emphasis on perception with development in design, color, form and content.

ARTS115 Ceramics I (3)

This course is a beginning level ceramics course that is designed to introduce clay as an art material and to teach the technical and aesthetic skills needed to create ceramic objects, both sculptural and functional. Students will be introduced to the methods and techniques of hand-building.

ARTS116 Sculpture I (3)

This course will cover basic sculptural materials (wood, stone, plaster, construction/assemblage) and look at sculpture in art history. Critical analysis of sculpture will be emphasized.

ARTS202 3D Design (3)

ARTS202 will build on the knowledge and practices studied in ARTS102 and extend them into three-dimensional work.

ARTS210 Drawing II (3)

Advanced problems in visual expression and developmental skills with a variety of media. Emphasis on conceptual justification and perception.

ARTS211 Life Drawing I (3)

The systematic, academic study of human anatomy and the depiction of the human figure in western art. Working from anatomy texts, the study of the old masters, and direct observation, students will refine their drawing technique using a variety of media. Emphasis given to direct observation and the accurate depiction of the figure in space. **Prerequisite:** ARTS110.

ARTS213 Photography II and Lab (3)

Introduction to interior and exterior applications of photographic lighting. Emphasis on color theory, color balance, composition, content concept and critical analysis.

ARTS214 Painting II (3)

Advanced problems of visual expression in oil painting. Emphasis on perceptual skills, scale, and surface. **Prerequisite:** ARTS114.

ARTS215 Ceramics II (3)

This course is a second semester beginning level ceramics course that is designed to introduce clay as an art material and to teach the technical and aesthetic skills needed to create ceramic objects, both sculptural and functional. Students will be introduced to methods and techniques of wheel-throwing. Ceramics I and II must be taken before progressing to Ceramics III. **Prerequisite:** ARTS115.

ARTS216 Sculpture II (3)

A continuation covering sculptural materials and methods of working. Emphasis is on looking at and talking about work critically. **Prerequisite:** ARTS116.

ARTS230 Graphic Design I: Tools, Methodology, and Vocabulary (3)

An introduction to the theory, tools, and professional practices of the graphic design field. Emphasis given to the generation of creative solutions and the efficient utilization of software typically used for print design.

ARTS240 Masterpieces of the Western Tradition (3)

Travel to Europe. Students study the major works of art and architecture from the Western Tradition. The specific location and course design will be set each year the course is offered.

ARTS290 Professional Practices Seminar (1)

This is a one-credit seminar hosted each week by a resident faculty member or visiting creative professional. The purpose of the course is to familiarize the student with the professional practices and expectations of their chosen discipline within a broader range of creative and media industries. Topics will include graduate study, the life of a freelance artist/designer, and careers in web development, motion graphics, film production, production, editing, illustration, photography, pottery, sculpture, etc.

ARTS311 Life Drawing II (3)

Continued study of the human form; drawing from life using a variety of mediums. **Prerequisite:** ARTS211.

ARTS312 Introduction to Illustration (3)

Introduction to the field of commercial illustration. Topics include visual communication, the creative process, self-promotion, and the development of a distinctive style. A variety of media and conceptual frameworks will be considered. **Prerequisite:** ARTS210.

ARTS313 Photography III Analog Photography (3)

Introduction to black and white film and darkroom processing. Emphasis on printing techniques, conceptual development and critical analysis of a cohesive body of work with either 35mm or 120mm film will be emphasized.

ARTS314 Painting III (3)

Development of a personal style, vision and body of artwork. Introduction to techniques of egg tempera and fresco. Journal writing and analysis of artwork required. Productive studio habits are needed to explore imagery and technique. **Prerequisite:** ARTS214.

ARTS315 Ceramics III (3)

Development of a personal style, vision, and body of artwork. Students learn to relate their work to historical and contemporary traditions. **Prerequisite:** ARTS215.

ARTS316 Sculpture III (3)

This course assumes the student is proficient with sculptural materials and is familiar with critical analysis in order to begin developing a body of work that is linked thematically or conceptually. Emphasis on the development of a working studio aesthetic. **Prerequisite:** ARTS216.

ARTS324 Painting IV (3)

This course will allow the student to continue to develop a body of work as an artist. A thorough understanding of various painting mediums is expected and must be demonstrated. Journal and artistic biography in written form are continued in this class. **Prerequisite:** ARTS314.

ARTS325 Ceramics IV (3)

This course will allow the student to continue to develop an area of expertise as an artist. A thorough understanding of the procedures of running a ceramics studio from clay body to finished artwork is expected. A body of consistent artwork will be completed as well as journal writing and analysis of the art form. **Prerequisite:** ARTS315.

ARTS330 Graphic Design II: Graphic Design Studio (3)

An opportunity for students to further develop their graphic design skill set. Students will be asked to discover original solutions for a variety of design problems for both print and online delivery. **Prerequisite:** ARTS230

ARTS332 Graphic Design IV: Design for Multimedia (3)

Development of an original body of design work for multiple media formats. The course covers integration of imagery, text, sound, video, animation, and interactive design. **Prerequisite:** ARTS230

ARTS336 Graphic Design III: Introduction to Web Design (3)

Introduction to the design principles and methods critical to the design of an effective web site or application. Topics include User Experience Design, HTML/CSS, and Content Management Systems (CMS). **Prerequisites:** ARTS330 or consent of Instructor

ARTS340 Masterpieces of the Western Tradition II (3)

Travel to Europe. Students study the major works of art and architecture from the Western Tradition. The specific location and course design will be set each year the course is offered.

ARTS344 American Art History (3)

Study of America's particular contribution to the International art scene. Chronological development and regional styles as well as influence of Europe and other cultures will be examined.

ARTS412 Illustration II (3)

Continued refinement of a consistent, recognizable illustrative style. Emphasis placed on conceptual development and the creation of a consistently professional portfolio. **Prerequisite:** ARTS 312

ARTS413 Photography IV Experimental (3)

Numerous photographic processes, from historical to modern, are studied and applied. A cohesive body of work will be emphasized through image capture and darkroom working methods.

ARTS414 Painting V (3)

Continued development of a body of work, to prepare for senior show. Students propose a series of paintings or working with a specific theme and materials. For art majors only that have a concentration in painting. **Prerequisite:** Consent of instructor.

ARTS416 Sculpture IV (3)

Continuation of development of individual work with emphasis on developing a body of work that is ready for exhibition. **Prerequisite:** ARTS316.

ARTS424 Painting VI (3)

Continuation of Painting V. **Prerequisite:** Consent of instructor.

ARTS425 Ceramics V (3)

Prerequisite: ARTS325.

ARTS426 Ceramics VI (3)

Prerequisite: ARTS425.

ARTS432 Digital Painting/Concept Art (3)

This course explores the creation of compelling images using exclusively digital media. Industry-standard illustration software and WACOM drawing monitors are utilized to produce imagery suitable for a variety of commercial purposes, including concept art, illustration, and matte painting. Emphasis placed on originality, design, and conceptual development. **Prerequisite:** ARTS312 or consent of instructor.

ARTS434 Painting VII (3)

Continuation of Painting VI. **Prerequisite:** Consent of instructor.

ARTS444 Methods in Teaching K-12 Art (3)

This course is required for students who seek state licensure (grades K-12) for teaching of Art within the Art Department's Minnesota Teaching Licensure track. The course includes a field experience and must precede EDUC495 "Student Teaching I" and EDUC497 "Student Teaching II". **Prerequisites:** Acceptance to Art major's Minnesota Teaching Licensure track and acceptance to education major.

ARTS450 Art Theory and Criticism (3)

Seminar on writing and speaking about art. Emphasis on formal analysis of various art forms and effective communication of ideas. Expressing opinions, asking questions and developing a style will be explored.

ARTS452 Contemporary Issues in Art (3)

An art history seminar course that focuses on current issues in the art world from the past 10-15 years. Students will research, present and discuss what is happening in today's art world and visit galleries in the Twin Cities, Chicago or New York.

ARTS480 Topics in Studio Arts (3)

The examination of unique topics in visual art, determined by emerging technology/media, instructor expertise, and special student interest.

ARTS494 Portfolio/Senior Project (3)

Taken in the senior year, in the semester prior to the semester of graduation, this course is the capstone for the Bethany studio art program. Integrates theory and methods from all previous studio coursework in the production of a major body of work or project with emphasis on portfolio production, self-promotion, and consistency across media. Leads directly into ARTS495 Senior Exhibition.

ARTS495 Senior Exhibition (2)

This course is to prepare the artist to present and display artwork. A resume and portfolio must be completed. An exhibition will be scheduled and all aspects of the event will be planned by the student. A gallery talk by the artist will be presented to the college community.

ARTS499 Art Internship (1-4)

Art-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Studio art majors only, by permission.

BIOL101 Principles of Biology and Lab (4)

An analysis of the underlying biological concepts in the areas of biochemistry, cytology, physiology, genetics and ecology. Three lectures and one lab per week.

BIOL151 General Biology I and Lab (4)

First semester of a two-semester introduction to biological study. Emphasis is placed on scientific processes, molecules, and cellular function. Three lectures and one lab per week.

BIOL152 General Biology II and Lab (4)

Second semester of a two-semester introduction to biological study. Includes an overview of living organisms and vertebrate organ systems. Three lectures and one lab per week.

BIOL203 Botany and Lab (4)

Overview of the plant kingdom with study of anatomy, physiology, ecology, and economic importance of plants. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152 or consent of instructor.

BIOL215 Invertebrate Zoology and Lab (4)

Overview of invertebrate form and function with emphasis on ecology and behavior. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

BIOL216 Vertebrate Zoology and Lab (4)

Overview of vertebrate form and function with emphasis on ecology and behavior. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

BIOL221 Human Anatomy and Lab (4)

A systems approach to the structure of the human body. Three lectures and one lab per week. **Prerequisites:** BIOL101 or BIOL151 or consent of instructor.

BIOL222 Human Physiology and Lab (4)

A study of the mechanisms and interrelationships within the organ systems of the human body. A special emphasis on structure/function relationships. Three lectures and one lab per week. **Prerequisites:** CHEM107 or CHEM113, and BIOL221.

BIOL280 Medical Terminology (3)

A study of the prefixes, suffixes, and roots involved in the language of medicine used by health professionals.

BIOL311 Field Ornithology (4)

Study of bird biology, ecology, and conservation. This course includes a significant field component that will stress knowledge of bird habitats and identification of birds by sight and sound. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152 or consent of instructor.

BIOL340 Genetics and Lab (4)

Study of chromosomes, genes, DNA, and the regulation of genetic material. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

BIOL350 Cell Biology and Lab (4)

Study of structure and processes within prokaryotic and eukaryotic cells. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

BIOL352 Immunology (4)

A broad study of the immune system, including humoral and cell mediated immunity, antigen receptor formation, antigen presentation, lymphatic tissue anatomy, and various pathologies of the immune system will be covered. The lab portion of the course will cover the application of these principles to modern experimental work. **Prerequisites:** CHEM113 and CHEM114. **Recommended:** BIOL360, CHEM215, CHEM216.

BIOL360 Microbiology and Lab (4)

Study of viruses, bacteria, and protists with emphasis placed on culture methods and their connection to human diseases. Three lectures and one lab per week. **Prerequisites:** BIOL 101 with a minimum grade of B or BIOL151 or consent of instructor.

BIOL370 Ecology and Lab (4)

Study of organisms and their relationship with other organisms and their environment. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

BIOL375 Trends in Evolutionary Theory (3)

This is a seminar course covering the current understanding of evolutionary theory. Topics will include the known and inferred processes of evolution with emphasis given to speciation, natural selection within and among populations, phylogenetics, as well as

discussion of the relationship between developmental genes and evolution. Controversial ideas such as intelligent design and special creation will be contrasted with current models of evolution. **Prerequisite:** BIOL101 or BIOL151.

BIOL405 Biology Research Proposal (1)

A writing intensive course during which students develop a research question, investigate past and current research in that area and develop a proposal with methodologies for addressing their research question. **Prerequisite:** BIOL 151 and BIOL152.

BIOL480 Topics in Biology (1-4)

Discussion of selected topics in biological sciences. Course is offered on a rotational basis and may be repeated for credit with different topics.

BIOL490 Introduction to Human Gross Anatomy and Lab (5)

An advanced study of human anatomy using a regional approach. Cadaver dissection included. Five dissection hours per week. Lectures as needed. Capstone project included. Additional course fee required. **Prerequisite:** BIOL221.

BIOL498 Biology Independent Research (1-4)

Biological research by arrangement with instructor. Literature review, design, and execution of biological experimentation. **Prerequisite:** BIOL405.

BIOL499 Biology Internship (1-6)

Biology-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Biology majors only, by permission.

BUSN101 Introduction to Business (3)

Students are acquainted with the nature of business and its various activities. Forms of ownership, management, marketing, human resources, finance, and accounting are viewed in context of economic, social, political, technical, and industry environments in which a business operates.

BUSN307 Business Communications and Lab (3)

Effective business and professional communication in written, electronic, verbal, nonverbal and team modes serve as the focus for this class. Students develop and strengthen communication skills through a variety of methods, including analysis of business and professional documents; in-class written, verbal, and team exercises; and formal written assignments.

BUSN310 Principles of Management (3)

Traditional and contemporary management principles are examined and applied in light of the driving force of change that affects all organizations. The principles of teamwork, collaboration, participation, and learning are used to develop critical thinking and analytical skills essential for success in today's business world.

BUSN330 Principles of Marketing (3)

The marketing process and environment, marketing ethics, buyer behavior, targeting and market research, e-commerce, and basic product, price, distribution and promotion concepts serve as an introduction to the marketing function.

BUSN333 Consumer Behavior (3)

The consumption process and the direct and indirect factors that influence the process will be examined. The relationship between consumer behavior and marketing strategy will also be considered. **Prerequisite:** BUSN330 or consent of instructor.

BUSN350 Principles of Finance (3)

The role of finance in organizations is introduced through study of principles and theories of acquisition, control, and allocation of financial resources. **Prerequisites:** ACCT207 and ACCT208.

BUSN351 Financial Institutions (3)

The course focuses on the structure, trends, and interrelationships of the monetary and banking systems, particularly commercial banks, savings and loans, thrifts, insurance companies, investment banking, mortgage companies, the secondary market, and the FED. **Prerequisite:** BUSN350 or consent of instructor.

BUSN352 Investments (3)

Formation of investment policy for individuals and institutions, factors influencing the value of securities, and techniques of portfolio selection and management are presented. **Prerequisite:** BUSN350 or consent of instructor.

BUSN360 Business Ethics (3)

This course is an introduction to ethics and its application to current issues in business, with a focus on ethical issues raised by globalization. We will look closely at the concept of moral responsibility and various theories of ethics. We will also examine selected contemporary ethical issues in business such as consumer rights, employee rights, ethics and the environment, deceptive advertising, affirmative action, international trade, and the behavior of multinational corporations.

BUSN370 Legal Aspects of Business and Sport (3)

Identification and application of various legal principles and ethics to the sport industry. Different fields of law are introduced along with a survey of issues of concern to the sports manager such as antitrust, legal aspects of risk for various constituencies, labor, contractual relationships, and governance associations. **Prerequisite:** BUSN310 or consent of instructor.

BUSN399 Business Practicum (1-3)

Practical experience in professional development, networking and/or initiating, organizing, and completing a problem-solving consulting project for profit or non-profit organizations. **Prerequisites:** Consent of instructor. Repeatable.

BUSN410 Leadership and Organizational Change (3)

Models of leadership and their effect on organizational strategy, structure, processes, decision-making, and change are presented. Organizational development and transformational approaches to managing change, and potential outcomes of planned organizational changes are also considered. **Prerequisite:** BUSN310 or consent of instructor.

BUSN420 Managing Human Resources (3)

This course provides an essential overview of human resource management and its relationship to strategic planning. The human resource functions of staffing, retention, development, adjustment, and managing in all types of organizations will be examined from a managerial perspective. **Prerequisite:** BUSN310 or consent of instructor.

BUSN430 Entertainment and Sport Marketing (3)

Application of fundamental marketing concepts of the sport industry. Specific topics covered include marketing research, event planning and execution, fundraising, sponsorships, advertising, and assessment. **Prerequisite:** BUSN330 or consent of instructor.

BUSN431 Integrated Marketing Communication (3)

Marketing communication and the coordination of separate promotion strategies used to create the desired image and provide consistency and maximum communication impact are explored. The course approaches integrated marketing communication from a managerial focus on the full range of promotional tools available in today's business environment. **Prerequisite:** BUSN330 or consent of instructor.

BUSN440 Marketing Strategy (3)

Focus is given to development, evaluation, and implementation of marketing strategies in complex organizational environments. Students are required to integrate a variety of marketing management concepts, theories, and analysis techniques through in-depth case study. **Prerequisite:** BUSN330 or consent of instructor.

BUSN450 Risk Management (3)

Survey of the effects of risk management and insurance on businesses and the relationship of risk and insurance to public policy, legal liability, and economic security. An introduction to insurance institutions and their structures is provided as well as decision making relative to risk management. **Prerequisite:** BUSN350 or consent of instructor.

BUSN460 Advanced Finance (3)

Various tools for analysis of working capital management, capital budgeting, and financial management are used as the basis for an in-depth examination of financial management concepts and theories. **Prerequisites:** BUSN350 and BUSN352 or consent of instructor.

BUSN470 Administrative Policy (3)

Business analysis, problem solving, decision-making, and critical thinking skills are used to explore strategic decisions facing organizations. Emphasis is placed on team leadership, professional development, and managing self, peers, and supervisor. Intended as a capstone for majors or minors only.

BUSN471 Sport Administration (3)

Application of fundamental management concepts of the sport industry. Topics covered include the nature and scope of the sport industry and socio-historical development. Critical decision areas such as strategy, human resources, marketing, finance, ethics, and risk management will be integrated through case study. **Prerequisites:** BUSN310 or consent of instructor.

BUSN480 Topics in Business (3)

Specialized business topics not covered in electives are presented. Topics may include, but are not limited to: business law, business ethics and stakeholder management, management theory, quality management, e-commerce. **Prerequisites:** At least two of the following: BUSN310, BUSN330, BUSN350 or consent of instructor.

BUSN499 Business Internship (1-9)

Business-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Business majors only, by permission.

CHEM100 Descriptive Chemistry and Lab (4)

Intended for the non-science major. Covers basic chemical principles and their applications in society. The course will provide students with a basic academic and intellectual understanding of the chemical principles and terminology that they will encounter in their daily lives. Three lectures and one two-hour lab each week.

CHEM105 The Chemistry of Art and Lab (4)

This is a liberal arts general education chemistry course that uses the studio arts to present a variety of concepts in chemistry. Lab and lecture are used to present and study chemical phenomena associated with various areas of art. Three lectures and one two-hour lab each week.

CHEM107 General, Organic and Biochemistry and Lab (5)

A survey of chemical topics for students majoring in elementary education and pre-allied health sciences. This course covers general chemical principles, names, reactions and properties of organic compounds, and general biochemical topics needed for biology, microbiology, physiology, and other advanced topics. Four lectures and one lab per week.

CHEM113 General Chemistry I and Lab (5)

An in-depth introduction to the principles of chemistry intended for students in the physical sciences, pre-medical, pre-engineering and related fields. Topics include atomic structure, periodicity, nomenclature, stoichiometry and bonding. Five lectures and one three-hour lab each week. **Prerequisite:** Concurrent registration in MATH111 or MATH151. High school chemistry is strongly recommended.

CHEM114 General Chemistry II and Lab (5)

A continuation of CHEM113. Covers advanced chemical principles including intermolecular forces, kinetics, equilibrium, thermodynamics, electrochemistry and nuclear chemistry. Five lectures and one three-hour lab each week. **Prerequisite:** CHEM113.

CHEM215 Organic Chemistry I and Lab (4)

This course begins a full-year study of organic chemistry that focuses on synthesis, structure, nomenclature and properties of organic compounds. Spectroscopic methods for identification of compounds are introduced and used throughout the course. Three lectures and one three-hour lab each week. **Prerequisite:** CHEM114.

CHEM216 Organic Chemistry II and Lab (4)

A continuation of CHEM215. Advanced topics in organic synthesis, multi-step syntheses and advanced spectroscopic methods are covered. Three lectures and one three-hour lab each week. **Prerequisite:** CHEM215.

CHEM301 Introduction to Environmental Management (1)

A survey of the major governmental agencies and laws that govern the use of chemicals in the environment and consumer products. The course will cover management responsibilities, technical and legal aspects of environmental management, and practical guidance on when and how to request permits. **Prerequisite:** At least one year of college chemistry or consent of instructor.

CHEM313 Analytical Chemistry and Lab (4)

An introduction to the theories, chemical methods, and instrumental techniques for solving a variety of real problems in chemical analysis. This course includes statistical methods for evaluating and interpreting data, experimental design, theory of electronic

instruments, and exposure to computer based data acquisition systems. Three lectures and one three-hour lab each week. **Prerequisite:** CHEM114 or consent of instructor.

CHEM314 Inorganic Chemistry and Lab (4)

Descriptive chemistry of the elements and an introduction to structure, bonding, and reactivity in covalent molecular substances, main group elements, transition elements, coordination compounds, and organometallic compounds. Three lectures and one three-hour lab each week. **Prerequisites:** CHEM114 or CHEM216 and consent of instructor.

CHEM323 General Biochemistry and Lab (4)

Introduction to structure and function of biomolecules, metabolism and bioenergetics, and biological information flow, as well as biochemical laboratory methods. Three lectures and one three-hour lab each week. **Prerequisite:** CHEM216.

CHEM324 Advanced Biochemistry (3)

An advanced study of biochemistry with an added emphasis on structure elucidation, genetic information, metabolic regulation and biotechnology. Three lectures each week. **Prerequisite:** CHEM323.

CHEM353 Physical Chemistry I and Lab (4)

A calculus-based introduction to physical methods in chemistry. Topics include gas laws, thermodynamics and equilibria, electrochemistry, kinetic theory and kinetics. Three lectures and one three-hour lab each week. **Prerequisites:** CHEM216 and PHYS214.

CHEM354 Physical Chemistry II and Lab (4)

A continuation of CHEM353 focusing on quantum phenomena, spectroscopy, and statistical thermodynamics. Three lectures and one three-hour lab each week. **Prerequisite:** CHEM353.

CHEM401 Chemical Information I (1)

One component of a two-semester introduction to resources and methods used to search the chemical literature. Topics include chemical abstracts, CASonline, citation indices, Beilstein, the patent literature, and government publication (CFR, STIS, NTIS). Students who are engaged in research will be required to take this course. **Prerequisite:** CHEM215.

CHEM402 Chemical Information II (1)

One component of a two-semester introduction to resources and methods used to search the chemical literature. Topics include chemical abstracts, CASonline, citation indices, Beilstein, the patent literature, and government publication (CFR, STIS, NTIS). Students who are engaged in research will be required to take this course. **Prerequisite:** CHEM215.

CHEM405 Advanced Organic Chemistry (3)

Focuses on both physical organic chemistry and the reactions and synthesis of organic chemistry as they apply to the synthesis of complex organic molecules. Both areas are related, and special attention will be given to how the physical properties affect the chemical properties of organic molecules. **Prerequisites:** CHEM215 and CHEM216.

CHEM418 Organometallics (3)

Organometallic chemistry describes the chemistry compounds that contain a metal-carbon bond. In this course the student will be introduced to electron configurations in inorganic complexes (the 18-electron rule), types of σ -bonded complexes typical of organometallic compounds, ligands used to modify the reactivity of metals, reaction mechanisms, π -bonded complexes, catalysis, and physical methods of analysis. **Prerequisite:** CHEM314

CHEM480 Topics in Chemistry and Lab (1-4)

Selected topics offered on a rotating basis. Course topics will include advanced organic synthesis, advanced inorganic chemistry, instrumental methods of analysis, spectroscopic methods, etc. Course may be repeated for credit with different topics; may include a laboratory period.

CHEM490 Junior Seminar I (0.5)

This is part one of the Chemistry Capstone experience. All junior chemistry and biochemistry majors are expected to enroll in this course in the first semester of their junior year. The course will cover resume and cover letters, scientific writing and an in depth introduction to the chemical literature and information sources, including SciFinder, US Patent literature, and other government sources (CFR, NTIS). Students will prepare a series of reports and posters throughout the year. **Prerequisite:** Junior status and CHEM215.

CHEM491 Junior Seminar II (0.5)

This is part two of the Chemistry Capstone experience. All junior chemistry and biochemistry majors are expected to enroll in this course in the second semester of their junior year. The course will cover resume and cover letters, scientific writing and an in depth introduction to the chemical literature and information sources, including SciFinder, US Patent literature, and other government sources (CFR, NTIS). Students will prepare a series of reports and posters throughout the year. **Prerequisite:** Junior status and CHEM215.

CHEM492 Senior Seminar I (0.5)

This is part three of the Chemistry Capstone experience. All senior chemistry and biochemistry majors are expected to enroll in this course in the first semester of their senior year. Students will prepare and present a formal 50 minute seminar that either describes their research project or a topic from the recent chemical literature. **Prerequisites:** Senior status and CHEM215.

CHEM493 Senior Seminar II (0.5)

This is part four of the Chemistry Capstone experience. All senior chemistry and biochemistry majors are expected to enroll in this course in the second semester of their senior year. Students will prepare and present a formal 50 minute seminar that either describes their research project or a topic from the recent chemical literature. **Prerequisites:** Senior status and CHEM215.

CHEM497 Research Arranged (1-3)

Independent research under the guidance of faculty member, culminating in a senior thesis, research seminar, etc. Summer research programs may be able to count for CHEM497 credit. **Prerequisites:** CHEM215 and consent of instructor.

CHEM499 Chemistry Internship (1-6)

Chemistry related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Chemistry majors only. By permission only.

COMM102 Journalism Practicum, Newspaper (1)

Practical experience in writing, editing, layout, or photography with the college newspaper, the Bethany Scroll.

COMM103 Journalism Practicum, Yearbook (1)

Practical experience in writing, editing, layout, or photography with the college yearbook, the Fidelis.

COMM105 Journalism Practicum Broadcast, Journalism (1)

Practical experience in writing, editing and producing a weekly television news program, BLC News.

COMM111 Fundamentals of Speech (3)

Study of the verbal communication process. An introductory course in the principles of public speaking and language awareness. Includes the delivery of several types of speeches as well as opportunities to evaluate speeches and speaking styles.

COMM115 Competitive Speaking (1)

This is an activity course involving participation in intercollegiate speech tournaments.

COMM201 Photojournalism Practicum (1)

Practical experience in photography. Work is coordinated with college newspaper, yearbook, and other college departments.

Prerequisite: Consent of instructor.

COMM212 Interpersonal Communication (3)

The study of human communication in informal settings, focusing on processes, self-concept and self-disclosure, listening, language effects, nonverbal messages, assertiveness, conflict, and relationships with family, with friends, and in the workplace.

COMM230 Argument and Advocacy (3)

While studying the requirements of cogent argument, students practice advocacy and refutation in value and policy disputes, giving special attention to rational approaches to moral issues. **Prerequisite:** COMM111 or consent of instructor.

COMM240 Introduction to Mass Media (3)

Through study of the nature, functions, and responsibilities of the various print and electronic media, students are encouraged toward intelligent appraisal of the contributions and effects of mass media on individuals and on our culture.

COMM301 Advanced Photojournalism Practicum (1)

Prerequisite: Consent of instructor.

COMM302 Advanced Journalism Practicum, Newspaper (1)

Advanced work with the student newspaper, the Bethany Scroll, for those with four previous credits in COMM102.

COMM303 Advanced Journalism Practicum, Yearbook (1)

Advanced work with the annual yearbook for those with four previous credits in COMM103.

COMM305 Advanced Journalism Practicum, Broadcasting (1)

Advanced work on the weekly television news program, BLC News, for those with four previous credits in COMM105.

COMM315 Advanced Competitive Speaking (1)

Advanced participation in intercollegiate speech tournaments, for those with four previous credits in COMM115. One credit per semester, repeatable.

COMM318 Small Group Communication (3)

Students investigate group communication processes and theories. Key concepts include roles, decision-making, conflict management, cohesiveness, and variables affecting the small group dynamic such as power and gender.

COMM320 Language Thought and Meaning (3)

Students explore how language develops meaning, and how meanings affect thought and behavior, focusing on symbolizing, naming, classifying; statements and truth; emotional responses to words; and ethical aspects of language choices.

COMM325 Processes of Criticism (3)

Drawing on the work of theorists, students explore means of understanding rhetorical expressions, then produce appropriate pragmatic, artistic, and ethical judgments expressed in lucid speaking and writing.

COMM330 Introduction to Health Communication (3)

Students examine the multidimensional and interdisciplinary relationships that characterize the field of health communication, exploring it in interpersonal, organizational, and societal contexts.

COMM333 Screenwriting (3)

Students will examine and practice the techniques of creative writing to be implemented in various projects for film, television, or the internet. Fundamental components of literature will be studied and developed for use in creating these projects. Industry format will also be covered and utilized.

COMM340 Rhetorical Traditions (3)

Students learn the history and theories of rhetoric central to the Western humanistic tradition, including classical, medieval, Renaissance, and contemporary (modern and post-modern) periods, with some attention to non-western rhetoric.

COMM350 Nonverbal Communication (3)

Nonverbal communication is an integral part of human interaction. The ability to encode and decode nonverbal cues is an important aspect of communication competence. A primary goal of this course is to increase your knowledge, awareness, and understanding of the role of nonverbal communication. **Prerequisite:** COMM212 or consent of instructor.

COMM360 Visual Communication (3)

Students examine how visual imagery functions rhetorically in various media, primarily film and television, establishing a visual aesthetic with a vocabulary and framework for doing visual analysis.

COMM362 Social Media Communication (3)

Communication, through the use of social media, has become an integral part of human interaction. The ability to understand the influences of the various forms of social media and how to use them effectively are important aspects of communication competence. Primary goals of this course are to improve students' oral and written communication when interacting with social media, and for students to understand the ethical implications of social media.

COMM365 Images on Film (3)

Through critical viewing of landmark films and a study of film theory, students expand their understanding of film as a central aspect of communication in our era.

COMM370 Organizational Communication (3)

Viewing organizations as created and characterized by communication, students explore organizational culture, dynamics, leadership, management styles, and various organizational models affecting communication.

COMM375 Public Relations and Advertising (3)

Students explore the history and functions of public relations and advertising in the business and non-profit sectors, focusing on roles in organizational settings, audience analysis, public opinion, media relations, and writing and budgeting principles. BUSN431 may be taken as a substitute course.

COMM380 Journalism (3)

Students step into the work of the news gatherer and reporter, focusing on interviewing and information gathering techniques, news and feature writing, print and video approaches, and the role of personal values and other variables that affect the news.

COMM385 Law and Ethics in Media (3)

Students survey the history and current status of laws and regulations governing the media, and explore ethical questions, beyond the purview of law, encountered by the communication specialist.

COMM389 Intercultural Communication (3)

Students develop intercultural communication awareness and competence by exploring concepts of macro- and micro-culture; family, social and gender roles; verbal and non-verbal codes; acculturation and culture shock.

COMM430 Health Communication Theory and Research (3)

Students examine scholarship in health communication, including the diversity of theories and research, the need for research, appropriate questioning, and applications in a variety of settings. **Prerequisite:** COMM330.

COMM440 Communication Theory (3)

Students explore contemporary theories and processes of communication, primarily from a social science perspective, as well as the nature and process of theory building.

COMM460 Topics in Visual Communication (3)

Students focus on specialized visual topics, such as visual ethics in advertising, visual imagery in politics, video production challenges, or writing for the screen.

COMM470 Performing for the Camera (3)

Instruction in theory and opportunity for practice in the fundamentals of performing for television and film productions, including playing to the camera, hitting marks, shooting out of sequence, blocking, and other production considerations, particularly those that contrast with acting on stage. Emphasis is placed on truthful acting within the limits of camera medium.

COMM475 Media Ecology (3)

Students explore how new technology and communication media dynamically affect and change individuals, society, and culture.

COMM480 Topics in Communication (3)

Students examine a variety of special media topics that emerge from the issues of the day, the expertise of the instructor, and the special interests of students.

COMM489 International Study Tour (3)

There is no better way to understand communication in a culture different from our own than to engage directly with the people of that culture. Against a background of intercultural communication theory, students travel to a location where they examine communication with a specific culture, after surveying its history, language and people.

COMM499 Communication Internship (1-5)

Communication-related field experience with an approved agency fulfilling an individual learning contract negotiated with student, faculty advisor, and worksite. Three credits of internship are required for graduation. Communication majors only, by consent of instructor. 1-5 credits, repeatable up to ten credits maximum. Three credits apply to major requirements; others applied as elective.

COMS101 Computer Applications (1)

Applications course focused on basic computer concepts and developing competency using microcomputer software in the following areas: word processing, e-mail, file management, internet searching, basic graphics, and scanning.

COMS103 Introduction to Programming I (3)

Introductory course for computer science majors and minors in programming using a high-level language. The emphasis is on problem solving, designing, writing, and executing structured programs.

COMS104 Introduction to Programming II (3)

A continuation of COMS103. Advanced topics include searching, sorting, data structures, and object-oriented concepts.

Prerequisite: COMS103.

COMS201 Object Oriented Programming (3)

A continuation of the object-oriented programming (OOP) concepts introduced in COMS104. Topics covered include a history of the OOP paradigm, how OOP differs from procedural programming, objects and classes, inheritance, encapsulation, composition, polymorphism, cohesion and coupling, and an introduction to UML modeling. **Prerequisite:** COMS104.

COMS210 Internet Programming (3)

Internet programming includes web server configuration and file security as well as client-side web browsers, HTML, CSS, and scripting. Additional topics covered include internet protocols such as TCP/IP, UDP, and HTTP, and standards such as REST and JSON. **Prerequisite/Corequisite:** COMS201.

COMS304 Computer Organization (3)

Introduction to the relationship between computer software and hardware. Topics include the hierarchical organization of data storage such as disk drives and memory, CPUs, system input and output, and an evaluation of how hardware components affect system performance. **Prerequisite:** COMS104.

COMS320 Data Communication (3)

Introduction to network technology and design issues students may encounter as information systems professionals. Topics include fundamentals of data transmission, hardware, network topology, and protocols. **Prerequisite:** COMS103.

COMS322 Database Systems (3)

Introduction to relational database management systems (RDBMS) using Microsoft SQL Server. Topics covered include database design, data types, indexes and keys, database normalization, and structured query language (SQL). A basic introduction to big data and multi-model data is also included. **Prerequisite:** COMS201.

COMS324 Data Modeling (3)

Covers conceptual modeling of cardinal relationships between real-world data objects. The focus is on mapping data relationships using the entity relationship diagram (ERD) as well as an introduction to the application of relational algebra to data objects. **Prerequisite:** COMS104.

COMS326 Data Structures (3)

A continuation and expansion of the data structures introduced in COMS104 and used in modern programming languages. Topics covered include arrays, vectors, stacks, queues, lists, dictionaries, and iterators as well as sorting and comparison of data stored in these structures. **Prerequisite:** COMS201.

COMS340 Programming Languages (3)

Covers the history and basic principles of programming languages and their various structures including object-oriented, procedural, functional, and scripting languages. **Prerequisite/Corequisite:** COMS304.

COMS442 Software Architecture (3)

An introduction to the architecture of software systems including architectural types, such as pipe-and-filter, layered, event driven, blackboard, etc., as well as stakeholders involved in software projects, their viewpoints as they relate to a project, and the functional and quality attributes of software systems. **Prerequisite:** COMS201 and COMS322.

COMS480 Topics in Computer Science (3)

Discussion of selected topics in computer science. Course is offered on a rotational basis and may be repeated for credit with different topics.

COMS495 Computer Science Capstone (3)

The senior capstone project is intended to allow the student to investigate a computer science area of their choice. The instructor will work with the student in an advisory capacity while the student completes a non-trivial research, hardware design, or programming project related to current trends in computer science. **Prerequisite:** COMS304, COMS320, and consent of instructor.

COMS499 Internship in Computer Science (3)

Computer Science-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Computer Science majors only, by permission.

ECON203 Principles of Macroeconomics (3)

Theories of economic fluctuation, income determination, international trade, and economic growth are introduced. Additional topics include the role of the banking system in the economy and monetary and fiscal policies for economic stabilization.

ECON204 Principles of Microeconomics (3)

Theories of resource allocation and income distribution, value and the price system, problems of individual firms and industries, and rationale for government regulation of business and labor are examined.

ECON330 Comparative Economic Systems (3)

The origin, organization, and performance of modern theories of capitalism, communism, planned socialism, and market socialism are presented. Contemporary economies of the United States and selected countries from Eastern, Central, and Western Europe, South America, and Asia are considered. **Prerequisites:** ECON203 and ECON204 or consent of instructor.

EDUC100 Education Foundation/Philosophy (3)

An overview of the field of education based on historical and current philosophical, psychological and sociological foundations of American public and private education from the perspective of the learner, the teacher, and the parents. Includes field experience in the elementary classroom. Students must attempt the MTE Basic Skills battery (reading, writing, mathematics) to receive course credit.

EDUC210 Linguistics for Professionals (1)

This course serves as an introduction to the fundamentals of linguistics-phonetics, phonology, morphology, syntax, pragmatics, and the practical application of standard written and spoken English grammar. Its purpose is to build foundational knowledge regarding English language sounds and sound patterns, word and sentence structure and linguistic meaning that will help the student develop proficiency in using and teaching the language arts.

EDUC230 Educational Psychology and Human Relations (3)

Provides an understanding of how learning occurs and the implications for instruction. Topics include the psychosocial developmental characteristics of the child; student variability and diversity; issues of prejudice and discrimination; multicultural education; group dynamics and positive social interaction. This course contains a field experience component. This course is a prerequisite for the upper division Education courses.

EDUC315 Teaching Health and Human Performance (3)

This course addresses the philosophy, objectives, curriculum, lesson planning, instructional methods, and evaluation for establishing and maintaining an effective school health and human performance program that promotes lifelong health and physical activity. Students will also learn how to teach the exceptional child. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC320 Teaching Literacy and Communication (4)

This course studies the methods and materials and the interconnection among all literacy skills: reading, writing, listening, thinking and speaking. Strategies for teaching reading comprehension, word recognition, analysis skills, and vocabulary are emphasized. A component on the identification, diagnosis, and treatment of reading problems is included. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC321 Teaching Literacy and Communication in Middle Level Classrooms (1)

This course studies the methods and materials for middle level literacy instruction as well as the interconnection among all literacy skills: reading, writing, listening, thinking and speaking. Strategies for teaching reading comprehension, word recognition, analysis skills, and vocabulary are emphasized.

EDUC325 Children's Literature (3)

This course is a survey of fiction, biography, fantasy, folk tales, poetry, informational, and picture books for children from pre-kindergarten through middle school. Emphasis is placed on selections that consider the developmental needs of children. Students identify and critique books dealing with universal, cross-cultural, gender-fair, and special needs themes. Evaluating content in the light of Christian principles is an integral part of the course. Attention is also given to exploring ways in which children can be encouraged to respond to literature and storytelling in teaching. **Prerequisite:** Acceptance to education major or consent of the instructor.

EDUC340 Teaching Social Studies (3)

This course is an overview of the methods, materials, and research related to the teaching of elementary social studies. Emphasis is on curriculum planning and content. Students will design materials, plan, and teach lessons using various social studies curricula and technology. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC341 Teaching Social Studies in Middle Level Classrooms (1)

This course is an overview of the methods, materials, and research related to the teaching of middle school social studies. Emphasis is on curriculum planning and content. Students will design materials, plan, and teach lessons using various social studies curricula and technology.

EDUC360 Teaching Science (3)

An overview of the methods, materials, and research related to the teaching of science in the elementary and middle school curriculum. The focus is on the national science education standards and Minnesota standards. Technology will be used to enhance the teaching and learning of scientific knowledge and process. Students will explore, plan, and teach lessons using various science curricula. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC361 Teaching Science in Middle Level Classrooms (1)

An overview of the methods, materials, and research related to the teaching of science in the middle school curriculum. The focus is on the national science education standards and Minnesota standards. Technology will be used to enhance the teaching and learning of scientific knowledge and process. Students will explore, plan, and teach lessons using various science curricula.

EDUC370 Introduction to the Exceptional Learner (3)

This course provides an understanding of the exceptional learner and of the changing field of special education. Topics include special education categories and terminology reflecting current issues and laws; alternative program designs for meeting exceptional needs (mainstreaming, inclusion and integration); the IEP (individual education plan); assessments; parents' rights; the role of parents, classroom teacher, and special education personnel; the origin and nature of exceptionalities and instructional strategies; and differences in standards. This course includes a field experience component. **Prerequisite:** Acceptance to education major or consent of the instructor.

EDUC380 Early Childhood Theory and Methods (4)

This course builds on the theoretical foundations of the young child's development; addresses the historical foundations for early childhood education; and explores the current methods, materials and research for planning, and implementing a developmentally appropriate curriculum and learning environment for children from ages three through eight years of age. A clinical experience is taken concurrently with this course. **Prerequisites:** PSYC325 and EDUC230.

EDUC390 Teaching Reading and Writing in the Content Areas (3)

This course focuses on the strategies necessary for effective learning in the content areas of math, science, social studies, and the fine arts. Students will study reading assessments and literacy strategies that are designed to increase vocabulary learning and comprehension of expository text. **Prerequisites:** EDUC100 and EDUC230.

EDUC400 Teaching the Christian Faith (3)

This course addresses the spiritual needs of the child, focusing on the objectives, curriculum, lesson plans, and methodology for teaching Bible history, catechism, and hymnology. Emphasis is placed on the proper understanding, use, and application of Law and Gospel. This course includes a practicum and is required for teacher certification in the Evangelical Lutheran Synod. **Prerequisite:** Acceptance to education major or consent of the instructor.

EDUC401 Educational Technology and Media (2)

This course develops knowledge of both simple and complex media formats in the classroom. The course focuses on computer technology for lesson design and presentation, portfolio development, and classroom administration. Issues related to educational technology are addressed. **Prerequisite:** Acceptance to education major.

EDUC425 Fine Arts for Elementary Education (3)

This course uses interdisciplinary models, procedures, methods, materials, and techniques to integrate, teach, and develop an appreciation for art, movement, music, and drama. It is especially designed for the classroom teacher to be able to integrate the fine arts into the regular curriculum. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC430 Teaching Mathematics (4)

This course introduces the philosophy, objectives, learning methods, and techniques for teaching mathematics in the elementary classroom. Emphasis is placed on applying learning theory to the teaching of mathematics. Students do lesson planning and material preparation based on NTCM and Minnesota Mathematics Standards. This course includes a field experience component. **Prerequisite:** Acceptance to education major.

EDUC431 Teaching Math in Middle Level Classrooms (1)

This course introduces the philosophy, objectives, learning methods, and techniques for teaching mathematics in the middle school. Emphasis is placed on applying learning theory to the teaching of mathematics. Students do lesson planning and material preparation based on NTCM and Minnesota Mathematics Standards.

EDUC450 Curriculum Planning and Assessment (2)

This course provides the theoretical and practical foundation for curriculum design and management of instruction and for the use of formal and informal assessment strategies appropriate for evaluation and research. **Prerequisite:** Acceptance to education major.

EDUC451 Curriculum/Assessment for Middle Level Classrooms (2)

This course provides the theoretical and practical foundation for curriculum design and management of instruction and for the use of formal and informal assessment strategies appropriate for evaluation and research for middle level grades. This course is specific to middle level mathematics, communication arts/literature, science, and social studies. The purpose of this course is to assist the student in gaining insight into the way learning theory and educational philosophy impact curriculum design and assessment and how curriculum planning and assessment are integral to the teaching process for middle level classrooms.

EDUC455 Classroom Management (1)

This course explores the school and classroom environment and the relationships among individuals that foster learning. Focus is on the practical aspects of classroom organization and management for establishing and maintaining a safe and productive classroom.

EDUC486 Capstone (2)

This is the capstone course in which students are provided an opportunity for integrating the study of Scripture and faith with their discipline and across other disciplines in the context of today's world and the individual's future vocation. **Prerequisites:** Acceptance to the education major and completion of all coursework with the exception of student teaching. **Corequisites:** EDUC495, EDUC497, and EDUCTPA.

EDUC495 Student Teaching I (12)

The teaching internships are a professional semester of full-time teaching experience in approved cooperating schools under the direct supervision of selected cooperating teachers and the Bethany Lutheran College Education Department faculty. Studio Art placements may be divided differently to accommodate elementary, middle, and high school experiences. **Prerequisite:** Acceptance to education major and completion of all prior coursework, cleared criminal background check, and AED/First Aid/CPR adult and child certification by the American Red Cross or American Heart Association. **Corequisites:** EDUC486, EDUC497, EDUCTPA

EDUC497 Student Teaching II (4)

The teaching internships are a professional semester of full-time teaching experience in approved cooperating schools under the direct supervision of selected cooperating teachers and the Bethany Lutheran College Education Department faculty. Studio Art placements may be divided differently to accommodate elementary, middle, and high school experiences. **Prerequisite:** Acceptance to education major and completion of all prior coursework, cleared criminal background check, and AED/First Aid/CPR adult and child

certification by the American Red Cross or American Heart Association. Additional licensure fee required. **Corequisites:** EDUC486, EDUC497, EDUCTPA.

EDUC499 Educational Studies Internship and Seminar (12-15)

The educational studies internship is a professional semester of teaching-related experience in approved cooperating settings under the direct supervision of selected cooperating teachers and the Bethany Lutheran College Education department faculty.

EDUCPTF Education Professional Portfolio (0)

Elementary and Secondary Licensure majors must register for this course their last semester on campus.

EDUCTPA Education Teacher Performance Assessment (1)

Elementary and secondary licensure majors must submit the edTPA portfolio for scoring. Successful completion of the edTPA results in one pass/fail credit. **Corequisites:** EDUC486, EDUC495, EDUC497.

ENGL100 Stretch Composition I (3)

Through a variety of writing assignments, students develop effective writing processes, gain critical reading skills, represent and respond to others' ideas, reflect on their writing growth, and generate polished, reader-based prose. Students must take ENGL100 and ENGL101 to fulfill the General Education requirement for college writing.

ENGL101 Stretch Composition II (3)

This course helps students develop flexible writing processes, increase rhetorical awareness, acquire critical reading skills to support their writing, implement effective research techniques, represent others' ideas in multiple ways, reflect on their writing development, and polish their work. Students must take ENGL100 and ENGL101 to fulfill the General Education requirement for college writing. **Prerequisites:** ENGL 100 and consent of instructor.

ENGL102 English Practicum, Literary Magazine (1)

Students obtain practical experience working as part of a literary magazine staff. Staff duties range from editing and designing magazine layout to organizing literary activities and maintaining a digital presence. **Prerequisite:** Consent of instructor.

ENGL110 College Writing I (3)

Students learn strategies that promote critical, creative, and collaborative drafting, and practice college level writing in narrative, critical, and persuasive forms. Students produce a portfolio of several essays, including a research paper.

ENGL200 Literary Analysis (3)

This course introduces students to the analytical tools they need in order to read and write about literary texts: use of literary terminology, practice of strategies used in discussing and writing about literature, including conducting literary research and familiarization with the conventions for citation and bibliography in the field. Completion of ENGL200 no later than fall semester of the sophomore year is strongly recommended for English majors/minors.

ENGL201 Survey of Greek Classical Literature (3)

This course examines Greek mythology and literature, including its influence on Roman literature in particular and Western literature in general. Genres include fables, drama, and epics.

ENGL203 Ages of British Literature (3)

This course begins with the influence of the Roman Empire on British literature. Students examine the development of Old, Middle, and Early Modern English through *Beowulf*, Chaucer, and Shakespeare, respectively. Students are also introduced to the Arthurian legend. The course includes short stories, drama, and poetry from the period of Modern English.

ENGL204 Modern European Literature (3)

Students study a selection of major European authors from the late 18th century through the 21st century. A particular emphasis is placed on the literary movement Modernism, its responses to late Enlightenment thought, and its influence on postmodern sensibilities and practices in the arts.

ENGL205 Introduction to Fiction (3)

This course introduces literary terminology commonly used in analyzing short stories and novels. British and American literature is selected from the 19th through the 21st centuries.

ENGL210 College Writing II (3)

Students examine and practice advanced techniques, individual and collaborative, for generating ethical, audience-oriented prose. Each student develops a specialized portfolio corresponding with individual academic goals.

ENGL213 Creative Writing (3)

Through regular writing to generate ideas and practice techniques, students fathom the creative process as they are led from exploring personal experience to transforming such experience into artful fiction, poetry, and creative nonfiction.

ENGL220 World Literature (3)

Students study a selection of major world authors from outside the traditional Western literary canon, especially from African, Asian, and Caribbean cultures. Primary focus is given to contemporary works, and students apply different theoretical perspectives to the texts studied.

ENGL230 Introduction to Contemporary Literature (3)

Students read and examine fiction, poetry, and creative nonfiction from the contemporary era. Emphasis is placed on concerns, questions, and aesthetic sensibilities that help define and explain recent literature.

ENGL302 Advanced English Practicum, Literary Magazine (1-2)

Building on skills acquired in ENGL 102, this course provides students with advanced work on the literary magazine. Previous credits in ENGL 102 are strongly preferred. **Prerequisite:** Consent of instructor.

ENGL312 Reading as Writers Across Media (3)

Students examine and practice the craft and technique of textual production. Technical elements of narrative and story, such as style, voice, story-arc, character development, dialogue, image, plotting, and tone are studied and practiced. Traditional literary genres as well as texts in visual, electronic, and new media are included.

ENGL313 Advanced Writing (3)

This course provides students with an in-depth focus on an approved single genre. The course also requires a significant portfolio of work to be developed. May be taken twice with different content. **Prerequisite:** ENGL 210 or ENGL 213

ENGL314 Literary Production (3)

Through reading, writing, and discussion, students examine the concept of literariness and produce texts of literary merit. Students also explore the ways literature is supported, distributed, and accessed throughout various communities.

ENGL320 The English Language (3)

Focusing on both the history of the English language and its structure and form, this course emphasizes grammar, phonology, syntax, and semantics. Students also examine prescriptive and descriptive linguistics, with an emphasis on the history and use of *The Oxford English Dictionary*.

ENGL321 Shakespeare (3)

Students study William Shakespeare's dramatic and poetic works in the context of Elizabethan and Jacobean cultures, as well as their literary origins. This course includes an examination of Shakespearean scholarship and Shakespeare's influence on later authors.

ENGL322 British Literature: 17th and 18th Centuries (3)

Based on a selection of Renaissance, Restoration, and later Neoclassic authors, students read, analyze, and discuss works by dramatists, poets, and novelists, with particular attention to the development of the English novel.

ENGL323 British Literature: Early Romantics, and Victorians (3)

This course begins with early Romantic poets and continues with selected Victorian poets and novelists, with emphasis placed on the historical, intellectual, and social influences on authors across generations. The authors and literature in this course differ from the authors and literature in ENGL 324. Students may take both ENGL 323 and 324.

ENGL324 British Literature: Later Romantics, and Victorians (3)

This course begins with later Romantic poets and continues with selected Victorian poets and novelists, with emphasis placed on the historical, intellectual, and social influences on authors across generations. The authors and literature in this course differ from the authors and literature in ENGL 323. Students may take both ENGL 324 and ENGL 323.

ENGL331 Early American Authors (3)

This course focuses on major American authors from the colonial period to the Civil War. Nonfiction, fiction, and poetry by representative authors are read and discussed in light of the historical, social, and cultural contexts informing their works. The course considers how their works continue to inform conceptions of the American self, place, and project.

ENGL332 Modern American Authors (3)

This course focuses on American authors from the Civil War to the present day. Nonfiction, fiction, and poetry by representative authors are read and discussed in light of the national and international contexts informing their works. The course considers how their works reflect and revise early conceptions of the American self, place, and project.

ENGL335 African-American Literature (3)

Students study the African-American literary, philosophical, and intellectual tradition, with special attention to how cultural forms, practices, and ideology inform the expressive modes and textual productions of African-Americans from the 18th century to the present.

ENGL350 Literary Theory (3)

This course provides an in-depth study of the development of literary theories, interpretive methods, and debates about the value and role of texts from ancient times to the present.

ENGL370 Christian Writers (3)

Students survey Christian writers from the 2nd century through the 20th century. Authors include Augustine of Hippo, Bede, Thomas Aquinas, Martin Luther, John Bunyan, G. K. Chesterton, T. S. Eliot, J. R. R. Tolkien, and C. S. Lewis. Genres include nonfiction, fiction, poetry, and drama.

ENGL444 Methods in Teaching 5-12 Communication Arts and Literature (3)

This course is required for students who seek state licensure (grades K-12) for teaching of Communication Arts/Language within the English Department's Minnesota Teaching Licensure track. The course includes a field experience and must precede EDUC495 "Student Teaching I" and EDUC497 "Student Teaching II". **Prerequisites:** Acceptance to English major's Minnesota Teaching Licensure track and acceptance to education major.

ENGL480 Topics in Literature and Language (3)

Topics vary and typically provide students with an investigation of specific literary themes, movements, authors, styles, or genres, thereby allowing students to experience depth in a specialized area of literature. Students may take this course twice with different content.

ENGL493 Senior Seminar I (1.5)

In ENGL493, the first semester of a year-long senior capstone course in English, students review writing, documentation, and research conventions specific to analyses and creations of texts; identify broad topics for their senior theses; and consider their developing projects and interests in relation to the discipline of English (textual studies). **Prerequisites:** ENGL200 and either ENGL210 or ENGL213. The completion of ENGL320 and ENGL350 prior to enrollment in senior seminar is strongly recommended.

ENGL494 Senior Seminar II (1.5)

In ENGL494, the second semester of a year-long senior capstone course in English, students pursue research guided by topics identified in ENGL493; produce a literature review; narrow topics for their senior theses; participate in peer workshops and conferences with the instructor; produce a rigorous, substantive thesis; and publicly present their finished work. **Prerequisites:** ENGL200 and either ENGL210 or ENGL213. The completion of ENGL320 and ENGL350 prior to enrollment in senior seminar is strongly recommended.

ENGL499 English Internship (3-6)

Students who qualify for an English internship actively participate in an individualized field experience relevant to the English major. A proposal is made by a student on an Internship Program Learning Contract, which requires the approval of the student's faculty advisor and the site supervisor. The student's goals and outcomes are assessed by both the site supervisor and the student's advisor, for a letter grade. **Prerequisite:** Only juniors and seniors majoring in English and in good standing are eligible for the internship.

ENSC101 Introduction to Engineering (3)

The intent of this course is to give prospective engineering students an early exposure to the engineering field to aid them in making an informed professional decision. Clarifications of what it means to be an engineer including: introduction to careers in engineering;

emphases on personal and professional communication skills and engineering fundamentals; presentations from guest practitioners and other engineering field professionals. Hands-on projects that emphasize design methodology and teamwork.

ENSC313 Statics and Dynamics (4)

Three-dimensional equilibrium; analysis of frames, machines and trusses; centroids and second moments; kinematics. **Prerequisite:** PHYS213.

ENSC314 Introduction to Electrical and Electronic Circuits (4)

Physical principles underlying the modeling of circuit elements; first- and second-order circuits; circuits in sinusoidal steady state; Kirchoff's rules; Wheatstone bridges; Thevenin's theorem; capacitive and inductive reactances, RLC circuits; transformers and mutual inductance. Experiments with simple circuits; familiarization with basic circuit measurement tools and equipment. **Prerequisite:** PHYS214.

ENSC321 Introduction to Fluid Mechanics and Transport Processes (3)

Elements of steady and unsteady thermal conduction and mass diffusion. Dimensional analysis. Hydrostatics and hydrodynamics. Archimedes' Principle and buoyancy stability in hydrostatics. Laminar and turbulent viscous flow. Potential flow. Hydrodynamic lift and drag. Boundary layers. Continuity equation. Navier-Stokes equation. Applications in mechanical and biomedical engineering, aerodynamics, chemical and environmental engineering, and physics. **Prerequisites:** PHYS213, PHYS214.

ENSC323 Solid Mechanics (3)

Stress and strain; Mohr's circle; axially loaded members, deformations and displacement; elasticity and inelasticity; torsion, shear forces and bending moment; stresses and deflections of beams; statically indeterminate structures; column buckling; centroids and moments of inertia. **Prerequisites:** ENSC313, MATH243.

ENSC381 Engineering Thermodynamics (4)

Zeroth, first, second, and third laws of thermodynamics. Single-component solid, liquid and vapor properties. Equations of state. Thermodynamic energy. Heat transfer. Internal energy and enthalpy. Applications to heat engines, refrigerators and power cycles. Phase diagrams and chemical equilibrium in multicomponent systems. Chemical potential. Electrochemistry, batteries and fuel cells. Applications in mechanical and biomedical engineering, aerodynamics, chemical and environmental engineering, and physics. Laboratory included. **Prerequisites:** PHYS213, PHYS214.

ENSC480 Topics in Engineering (1-4)

A course designed to include topics outside the scope of the other engineering sciences course offerings. Topics may include, but are not limited to, linear systems analysis, building science, automatic control, structural analysis, robotics, project management, quality control, and production engineering and management. **Prerequisite:** Consent of Instructor.

ENSC490 Introduction to Materials Science and Engineering (3)

Introduction to material properties and materials applications. Crystalline structure and symmetry. Phase diagrams and phase transformations. Nucleation and crystalline growth. Microstructure-dependent properties. Applications in mechanical and biomedical engineering, aerodynamics, chemical and environmental engineering, and physics. **Prerequisites:** PHYS213, PHYS214.

ENSC491 Introduction to Computer-Aided Design and Computer-Aided Engineering (3)

Engineering graphics including dimensioning and tolerances. Design methodology from ideation to prototyping and testing. Extensive use of 3D solid modeling computer-aided design (CAD) software. Rapid prototyping tools including laser cutters and 3D printers. Introduction to finite element methods (FEM) for analysis of steady-state and transient problems. Applications include solid mechanics, structural design and analysis, fluid mechanics, and heat transfer. Tools include MATLAB as well as relevant engineering industry-standard finite element analysis (FEA) software. Emphasis will be given to problem solving skills based on applying scientific principles and mathematical models. Includes laboratory sessions with hands-on activities and student design projects. **Prerequisites:** ENSC381 (Thermodynamics), ENSC321 (Fluid Mechanics), ENSC323 (Solid Mechanics).

ENSC499 Engineering Science Internship (1-3)

An engineering-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty-advisor, and worksite. Each student will be expected to give a presentation of their internship to the Bethany community in a seminar or colloquium setting. **Prerequisite:** Consent of engineering sciences department chair.

ENSL150 Orientation to American Higher Education (3)

Designed to prepare international students to meet the language demands of academic study at the college level, this course prepares students for the expectations of American higher education and provides a cultural context for success in daily, as well as academic, interactions.

ENSL160 Academic Literacy for Non-Native Speakers (3)

This course emphasizes skills in reading academic texts, critically evaluating them, and composing essays. Students will conduct research on a variety of academic topics. Topics are shared with ENSL161, but assessment expectations are lower.

ENSL161 Advanced Academic Literacy for Non-Native Speakers (3)

This course emphasizes skills in reading academic texts, critically evaluating them, and composing essays. Students will conduct research on a variety of academic topics. Topics are shared with ENSL160, but assessment expectations are higher.

ENSL170 Academic Conversation and Presentation for Non-Native Speakers (3)

This course targets acceleration of skills in academic conversation and public discourse on a variety of topics. Topics are shared with ENSL171, but assessment expectations are lower.

ENSL171 Advanced Academic Conversation and Presentation Non-Native Speakers (3)

This course targets acceleration of skills in academic conversation and public discourse on a variety of topics. Topics are shared with ENSL170, but assessment expectations are higher.

EXSC499 Exercise Science Internship (1-5)

Exercise Science related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Exercise Science majors only.

GEOG101 Physical Geography (3)

The earth is shaped by a complex array of processes which, when taken together, produce our weather, climate, water movements, and landforms. This course examines the various features of the atmosphere, hydrosphere, lithosphere, and biosphere and addresses various environmental concerns.

GEOG102 Human Geography (3)

Interrelationships between cultures and their environments are examined. Emphasis is given to the aerial distribution and significance of populations, cultural origins, subsistence, politics, economics, language, and religion.

GERM101 Introduction to German I (4)

Introductory study of the fundamentals of the language; pronunciation, grammar, and basic vocabulary. Goals are to achieve reading ability in simple German prose and basic conversational skills.

GERM102 Introduction to German II (4)

Introductory study of the fundamentals of the language; pronunciation, grammar, and basic vocabulary. Goals are to achieve reading ability in simple German prose and basic conversational skills. **Prerequisite:** GERM101.

GERM201 Intermediate German I (3)

Systematic review of grammar and selected readings from German literature. Goals are to further the development of skills in reading and composition and to enlarge the student's German vocabulary. **Prerequisite:** GERM102.

GERM202 Intermediate German II (3)

Systematic review of grammar and selected readings from German literature. Goals are to further the development of skills in reading and composition and to enlarge the student's German vocabulary. **Prerequisite:** GERM201.

GRDS494 Graphic Design Senior Project/Capstone - Part One (2)

This course meets in the semester prior to the semester of graduation and provides the opportunity for the student to integrate the theory and methods from previous coursework into a significant and consistent body of work. Topics: portfolio development, self-promotion, and other necessary professional preparation.

GRDS495 Graphic Design Senior Exhibition (2)

This course is a continuation of GRDS494 (Senior Portfolio) and culminates in a public gallery exhibition and lecture by the artist.

GRDS499 Graphic Design Internship (1-4)

Graphic Design related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Graphic Design majors only. **Prerequisite:** Consent of Instructor.

GREK101 Introduction to Greek I (4)

Introduction to classical and New Testament Greek grammar and syntax. Selected and adapted readings from Classic Greek literature and from the Greek New Testament.

GREK102 Introduction to Greek II (4)

Introduction to classical and New Testament Greek grammar and syntax. Selected and adapted readings from Classic Greek literature and from the Greek New Testament. **Prerequisite:** GREK101.

GREK203 Intermediate Greek The New Testament I (3)

Readings from the Gospel of St. John and selections from John's Epistles. Special attention to the peculiarities of Johannine Greek in distinction to classical and other Koine authors. **Prerequisite:** GREK102.

GREK204 Intermediate Greek The New Testament II (3)

Selected material from Lukan and Pauline corpus. Special attention to the peculiarities of Koine and Biblical Greek. **Prerequisite:** GREK203.

GREK304 Advanced Greek: Plato's Symposium (3)

Readings from Plato's Symposium. Frequent writing assignments designed to enhance comprehension of Greek text and philosophical concepts.

HEBR101 Introduction to Hebrew I (4)

This course is a survey of the essentials of the grammar and syntax of Classical (Biblical) Hebrew. Its primary purpose is to prepare students to work with the Hebrew Old Testament.

HEBR102 Introduction to Hebrew II (4)

This course is a survey of the essentials of the grammar and syntax of Classical (Biblical) Hebrew. Its primary purpose is to prepare students to work with the Hebrew Old Testament. **Prerequisite:** HEBR101.

HEBR203 Intermediate Hebrew I (3)

This course consists of a review of the basic grammar and syntax of Classical (Biblical) Hebrew, and the expansion of skills in the Hebrew language through the translation and analysis of primarily narrative prose portions of the Old Testament, and a few selected ancient texts from outside of the Bible. **Prerequisite:** HEBR102.

HEBR204 Intermediate Hebrew II (3)

This course consists of a review of the basic grammar and syntax of Classical (Biblical) Hebrew, and the expansion of skills in the Hebrew language through the translation and analysis of primarily narrative prose portions of the Old Testament, and a few selected ancient texts from outside of the Bible. **Prerequisite:** HEBR203.

HIST111 Ancient Medieval Europe (3)

An introduction to and survey of Western Civilization from its ancient origins in Mesopotamia and Egypt through the Middle Ages.

HIST122 Modern World Civilizations (3)

An introduction to and survey of the history of the world from the Renaissance and Reformation to the 21st century.

HIST207 History of USA I (3)

This course surveys the history of the United States from its Native American and European colonial roots through the Civil War and Reconstruction. Topics include the American Revolution, Westward Expansion, and the Sectional Crisis.

HIST208 History of USA II (3)

This course surveys the history of the United States from the late 19th century to the present day. Topics include the Indian Wars, Immigration, Progressive Era Reform, the Great Depression and New Deal, the World Wars, the Cold War, the Civil Rights Movement, and the War on Terrorism.

HIST333 Medieval Europe (3)

The political, military, social, economic, and religious developments of Europe from late antiquity to the early Renaissance. Topics include the rise of Christianity, Germanic invasions and the fall of the Rome Empire, Charlemagne, the rise of Islam, castles, Romanesque, Gothic and early Renaissance art and architecture, the Crusades, the Black Death, and the Hundred Years War.

HIST340 Renaissance and Reformation Eras (3)

The study of the life and institutions of Europe from the mid-14th century to 1648 during the transition from medieval to modern times, emphasizing changing cultural, political, military and religious practices and beliefs, especially as contrasted from the south to the north.

HIST350 French Revolution through Napoleon (3)

An examination of revolutionary France from its root causes under Louis XIV through the Reign of Terror and the Conquest of Europe by Napoleon. Relationships between the revolution and the Enlightenment will be explored as well as the lasting impact of the revolution.

HIST355 Britain, 1688-1901 (3)

A narrative of British history from the Glorious Revolution until the end of Queen Victoria's reign. The course explores key social, economic, cultural, gender, intellectual, political and religious developments through a close study of primary documents and secondary scholarship.

HIST356 Britain, 1900-present (3)

A narrative of British history from the Edwardian years to the present. The course explores key social, economic, cultural, gender, intellectual, political and religious developments through a close study of primary documents and secondary scholarship.

HIST360 Early and Imperial Russian History (3)

A survey of Russian history from the ancient Slavic peoples, the Kievan Rus Empire (Ukraine), the Mongolian invasion, the rise of Moscow and the Empire of Peter the Great to the freeing of the serfs in 1861.

HIST370 Imperialism and Globalization (3)

This course examines how empires have shaped the course of world history from the age of exploration to the present. Chief focus is placed on the origins, practice, and decline of European empires, as well as on the lived experience of colonized peoples in Africa, India, and Asia. Topics include the economic, cultural, and social ramifications of empire; the rise of "scientific" racism; class and gender in colonial settings; the growth of nationalism; decolonization and post-colonial theory; and the emergence globalization. Course materials include historical narratives, biographical accounts and commentaries, scholarly analyses, and film.

HIST380 Topics in World History (3)

An in-depth study of a particular people, culture, era or area outside the United States such as the Middle East, China, Africa, pre-Columbian America, Renaissance Italy, or Medieval Japan.

HIST385 Western Legal Traditions (3)

This course surveys the history of law and justice from Hammurabi's Code to the U.S. Constitution by tracing the development of the Judeo-Christian and Greco-Roman legal and political traditions through medieval and early modern Europe. Comparisons also will be made to Indian, Chinese, and Native American judicial systems.

HIST403 Native American Culture and Government (1)

A seminar for gaining insight into the culture and tribal government of Native Americans by exploring specific historical events and contemporary challenges. This course includes broad exposure to North America as well as focused attention on the Native populations of Minnesota and Wisconsin. **Prerequisites:** HIST207. Preference given to Education majors.

HIST410 The Era of the American Revolution (3)

An in-depth exploration into the background, causes, war, and consequences of the American Revolution. Critical assessment of the historical interpretations of the era.

HIST420 Constitution and Early Republic (3)

This course explores the development, ratification, and legacy of the U.S. Constitution from 1787 through the 1820s. In both primary and secondary documents, students will explore American life under the Constitution with special attention to questions of religion, race, gender, and individual rights. (Cross-listed with PLSC420.)

HIST430 The American Civil War and Reconstruction (3)

A study of the causes, conduct, and implications of the American Civil War, and an examination of the major developments in the Era of Reconstruction.

HIST443 Methods in Teaching 5-12 Social Studies (3)

This course is required for students who seek state licensure (grades K-12) for teaching of Social Studies within the Broad Field Social Studies Department's Minnesota Teaching Licensure track. The course includes a field experience and must precede EDUC495 "Student Teaching I" and EDUC497 "Student Teaching II". **Prerequisites:** Acceptance to Broad Field Social Studies major's Minnesota Teaching Licensure track and acceptance to education major.

HIST450 Civil Rights Movement (3)

This course examines the American Civil Rights Movement from 1954 to 1973. Topics include the Brown decision, the Montgomery bus boycotts, the student movement, the northern urban housing crisis, differing strategies within and between the black and white communities, the transformation of national political parties, the woman's liberation movement, affirmative action, and the relationship between religion and politics.

HIST460 Religion in American History (3)

This course explores the role of religion, with particular emphasis on Christian denominations, in major developments of American history. Students will grapple with enduring questions concerning the relationship between church and state, the role of personal faith in civic activism, and the viability of theological commitment amid religious pluralism.

HIST470 The Supreme Court and the American People (3)

This course analyzes the relations between the Supreme Court and the American people from the Constitutional era to the present day. Students will explore competing theories of jurisprudence as these have applied to the contested meanings of "equal protection of the laws" in regard to religion, race, gender, and individual rights.

HIST480 Topics in American History (3)

An in-depth study of a particular aspect of American history such as women's history, African history, the American West, Progressivism, McCarthyism, or the Cold War.

HIST489 International Study Tour (3)

Course allows the student to travel to a specific country, selected by the professor, and covers various aspects of the selected country or geographic area.

HIST490 Introduction to Historical Research and Writing (3)

An examination of the nature of history together with the aims, problems and techniques of historical writing including practice in critical reading, the use of research tools and procedures, and experience in the writing of history.

HIST493 Senior Seminar I (1.5)

This is the first semester of a year-long capstone for students majoring in History, Broad Field Social Studies, American Studies, Liberal Arts, and Religion. Students will identify a topic for the BA thesis, create a historiographical review that outlines and engages with past and current debates, and finally produce a research proposal in preparation for HIST494. **Prerequisite:** HIST490 or consent of instructor.

HIST494 Senior Seminar II (1.5)

This is the second semester of a year-long capstone for students majoring in History, Broad Field Social Studies, American Studies, Liberal Arts, and Religion. Based on the proposal prepared in HIST493, students will bring their knowledge of historical topics and research together in order to write and publicly present an original historiographical work. **Prerequisites:** HIST490 and HIST493 or consent of instructor.

HIST499 History Internship (1-6)

History-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Open only to History and Broad Field Social Studies majors. **Prerequisite:** consent of instructor.

HLTH103 Healthful Living (3)

A multidimensional approach to the study of basic lifestyle choices. Designed to encourage and activate self-responsibility through knowledge gained with regard to issues affecting body, mind, and spirit.

HLTH201 Nutrition (3)

The scientific study of nutritional needs throughout the life span; includes interaction and function of nutrients in metabolic processes and examines dietary choices related to behavior and health.

HLTH206 Advanced First Aid (3)

This course will provide the knowledge and skills necessary to help sustain life, reduce pain, and minimize the consequences of sudden illness or injury in emergency situations. Each student will be trained in First Aid/CPR and upon successful completion of the course will receive certification. Additional fees required.

HLTH240 Current Health Issues (3)

Explores recent and relevant concerns and controversies in the area of health. This course is designed to encourage critical thought and analysis of current health issues. Presents up-to-date opposing views on sensitive and complex issues from a Christian, social, cultural, and research-based perspective.

HLTH260 Foundations of Health Education (3)

Provides a common foundation for health education and promotion. The course explores historical, philosophical and behavioral perspectives along with skills, competencies and knowledge of health educators in various settings.

HLTH311 Drug Education (3)

This course examines drug use from the historical, psychosocial, pharmacological, cultural, legal, and Christian perspective. Explores addiction as a medical and biological disorder of the brain and describes the effect of drug use and abuse on children and families.

HLTH330 History and Philosophy of Wellness (3)

Introduces the holistic wellness concept examined within a Christian perspective. Main themes include the creation of positive health, health theory, wellness when challenged, and the benefits of both traditional and complementary medicine. A personal philosophy of wellness will be developed by examining the balancing nature of spiritual, mental, physical, occupational, intellectual and social health.

HLTH470 Introduction to Diseases and Disorders (3)

An introduction to the pathology, etiology, symptomatology, diagnosis, treatment, and prognosis of the many human diseases and disorders. **Prerequisites:** BIOL221 and BIOL222.

LART475 Senior Liberal Arts Tutorial (3)

Integration of the various facets of the liberal arts into a coherent personal perspective on reality. Focus on the epistemological bases of the disciplines; translation of liberal arts study into a productive life serving the needs of church and society. Private tutorial; participation in evening or dinner lectures; major paper evaluated by committee. **Prerequisite:** Consent of instructor.

LART499 Liberal Arts Internship (1-6)

Liberal arts-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Liberal Arts majors only, with consent of instructor.

LATN101 Introduction to Latin I (4)

Introduction to classical Latin grammar, syntax, and vocabulary. Daily assignments designed to aid in application of skills. Second semester features adapted and elementary Latin texts.

LATN102 Introduction to Latin II (4)

Introduction to classical Latin grammar, syntax, and vocabulary. Daily assignments designed to aid in application of skills. Second semester features adapted and elementary Latin texts. **Prerequisite:** LATN101.

LATN203 Intermediate Latin Cicero and Classical Authors (3)

Introduction to Latin prose and poetry with practical review of grammar. **Prerequisite:** LATN102.

LATN204 Intermediate Latin Virgils Aeneid (3)

Continued practice of reading Latin. Focus especially on the first and sixth books of the Aeneid. **Prerequisite:** LATN203.

LEGL210 Introduction to Legal Studies (3)

This course is designed to present students with key legal principles and landmark cases that establish and define the legal process in communication. This course also covers the sources and systems of justice in the communication process, and provides a broad spectrum of legal information necessary for the communication professional. In addition, this course provides valuable information for anyone interested in expanding their general legal knowledge of communication.

LEGL320 Legal Research and Writing (3)

The purpose of this course is to acquaint students with the fundamentals of legal research and writing. Students will learn to use and locate primary and secondary authorities. The course will include a general overview of the federal and state court systems. Students will learn the elements of a court decision, how to locate cases through the use of digests, and how to brief a case. The course reviews the techniques of legal writing customarily taught in law school; citation form; cite checking; the methods of compiling legislative histories; administrative and international legal research; and the writing of letters, law office memoranda, and court briefs.

LEGL460 Legal Procedures (3)

Study of the basic concepts and theories of civil law, contract law, and real estate law. This is an introductory course covering the essential aspects of these content areas.

LEGL470 Family Law (3)

Study of the basic concepts and theories of family law. This is an introductory course covering the essential aspects of family law. This course will also include basic information on wills, trust and estates as they apply to family law topics.

LEGL480 Legal Studies Topics Course (3)

Students examine a variety of special topics that emerge from the issues of the day, the expertise of the instructor, and the special interest of the students.

LEGL495 Senior Seminar (3)

A capstone course designed solely for Legal Studies majors. The use of some primary source material is required.

LEGL499 Legal Studies Internship (1-9)

Legal Studies related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Open only to Legal Studies majors. **Prerequisite:** Consent of instructor.

MART290 Introduction to Animation (3)

While exploring the unique communication potentials of animated video, students practice various animation forms and techniques, including digital animation, narrative drawn animation, stop-motion animation, and experimental animation. Viewings and criticism of relative works from the field will accompany the production work.

MART295 Introduction to Broadcast Media (3)

An introductory course designed to familiarize students with the theoretical and technical fundamentals associated with the production of broadcast television.

MART297 Audio/Video Production (3)

Students learn and practice camera techniques, lighting schemes, audio design, and interviewing and writing skills in the process of scripting and creating media productions in the Bethany studio and field. Additional fees may be required.

MART397 Advanced Audio/Video Production (3)

An advanced version of MART297 with expanded requirements for students with extensive production backgrounds.

MART330 Motion Graphic Design (3)

This course introduces fundamental concepts for motion graphics, including graphics and promos for television, film titles and advertising. Design presentation and development, screen composition, graphic transitions, and content are emphasized. Students are expected to have strong understanding of design and motion theory prior to this course. **Prerequisites:** MART295 or MART297, and ARTS330.

MART435 Motion Graphics 2 (3)

This course covers advanced techniques for both 2D and 3D motion graphics. Students utilize the elements and principles of design and animation to visualize and execute motion media for network branding, advertising, fine art, and other purposes. The course includes storyboarding, kinetic typography, compositing, and alternative techniques. **Prerequisite:** MART330.

MART465 Editing for Film and Video (3)

Media production theory and practice with an emphasis on post-production. Students write, produce, edit, and prepare for distribution an audio/video production using non-linear editing technology.

MART475 Avant Garde/Experimental Film (3)

Students will explore the groundbreaking and uncommon film and video experiments from the past century. This exposure to both contemporary video art and historic film artifacts will inform the student's hands-on experiments and projects. Special consideration is given to the theoretical context in which these historic films were created.

MART480 Topics in Media Art (1-3)

Students examine a variety of special media topics that emerge from the issues of the day, the expertise of the instructor, and the special interests of students.

MART496 Media Arts Capstone I (2)

Media Arts fall-semester capstone senior project.

MART497 Media Arts Capstone II - Capstone Exhibition (2)

This course is a spring-semester continuation of MART496 and is intended to prepare the student for the public exhibition of their capstone project. **Prerequisite:** MART496

MART499 Media Arts Internship (1-4)

Media-related field experience with an approved agency fulfilling an individual learning contract negotiated with student, faculty advisor, and worksite. An internship (1-4 credits) is strongly recommended for all students majoring in Media Arts. Media Art majors only, by consent of instructor.

MATH097 Intermediate Algebra (3)

Foundational math course designed to prepare students for Math Problem Solving or College Algebra. Mathematical thought and reasoning developed through the study of polynomials, factoring, rational expressions, exponents, roots and radicals, quadratic equations, functions and graphing. This course counts toward attempted semester credits and allows for inclusion in financial aid calculations, however, this course does not contribute to overall credits earned, semester, or overall GPA, and does not fulfill degree or General Education requirements.

MATH110 Math Problem Solving (4)

A liberal arts mathematical course designed specifically to focus on the improvement of problem solving skills and mathematical reasoning in many different areas. Topics discussed will include mathematical modeling, probability, statistics, logic, exponential growth, matrices, and chaos. Student needs to be proficient in Intermediate Algebra.

MATH111 College Algebra (4)

A study of functions, starting with the definition and focusing on the use of functions in all forms to model the real world. Includes comparing linear and nonlinear functions, transforming functions, looking at polynomial and rational functions globally and locally, models of growth and decline and systems of equations. Student needs to be proficient in Intermediate Algebra.

MATH112 Trigonometry (3)

Trigonometric functions, inverse trigonometric functions, trigonometric identities and conditional equations, solving triangles, polar coordinates, complex numbers, and analytic geometry. **Prerequisite:** MATH111 or equivalent.

MATH120 Introduction to Statistics (3)

Beginning statistical theory and practice are introduced through topics of data collection, sampling techniques, organization and presentation of data, measurement of central tendency, probability concepts, discrete and continuous probability distributions, statistical estimation, hypothesis testing, correlation analysis, linear regression and analysis of variance. **Prerequisite:** MATH110 or MATH111 or equivalent.

MATH151 Calculus I (4)

A study of limits and continuity of functions, derivatives, rules and applications of differentiation, inverse trigonometric functions, rates of change, single-variable optimization, Newton's method, and indefinite integrals. A wide variety of applications from the physical, natural, and social sciences is explored. **Prerequisite:** MATH112 or equivalent.

MATH152 Calculus II (4)

Definite integrals, applications of the Fundamental Theorem of Calculus, techniques and applications of integration, indeterminate forms, improper integrals, infinite sequences and series, tests for convergence, Taylor's theorem and Taylor polynomials. **Prerequisite:** MATH151 or equivalent.

MATH243 Multivariable Calculus (4)

Plane and three-space vectors, vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals and vector calculus. **Prerequisite:** MATH152.

MATH260 Differential Equations (3)

Solving differential equations including separable, homogeneous, linear and exact equations, method of undetermined coefficients, variation of parameters, operators and annihilators, Laplace transforms, systems of differential equations, numerical methods, and applications of differential equations. **Prerequisite:** MATH152.

MATH295 Foundations of Abstract Mathematics (3)

This course is an introduction to the theory and methods of mathematical proof, including the methods of contradiction and contraposition. The primary objectives are for students to be able to read and write mathematical proofs. Subject material covered may include set theory, logic and number theory. **Prerequisite:** MATH152.

MATH321 Probability and Statistics I (3)

A calculus-based course covering introductory level topics of probability and statistics, including probability, random variables and probability distributions, joint probability distributions, and functions of random variables. **Prerequisite:** MATH243.

MATH322 Probability and Statistics II (3)

A continuation of MATH321, covering introductory level topics of probability and statistics, including statistical inference (both estimation and hypothesis testing), analysis of variance, regression, and correlation. **Prerequisite:** MATH321.

MATH330 Discrete Mathematics (3)

This course will cover the topics of symbolic logic, sequences, graph theory and trees, recursive relations, linear programming, and number theory topics such as divisibility, Euclidean algorithm and prime numbers. **Prerequisite:** MATH295 or consent of instructor.

MATH341 Introduction to Real Analysis (3)

An introductory course in rigorous analysis, covering real numbers, sequences, series, continuous functions, differentiation, and Riemann integration. **Prerequisite:** MATH295 or consent of instructor.

MATH351 Linear Algebra (3)

A study of linear algebra, vector spaces, inner product spaces, norms, orthogonality, eigenvalues, eigenvectors, matrices, and linear transformations. **Prerequisite:** MATH243 or consent of instructor.

MATH370 College Geometry (4)

The course will begin with the discoveries of ancient mathematicians such as Archimedes, Eratosthenes and the Father of Geometry, Euclid. This classic geometry of two-dimensions is similar to what you may have studied in high school, but we will study more advanced Euclidean geometry through rigorous deductive proof. During the second half of the semester, we will move into geometry based upon other axiomatic structures, specifically: non-Euclidean geometry, projective geometry, and fractal geometry. **Prerequisite:** MATH295.

MATH380 Numerical Analysis (4)

This course introduces students to the design, analysis, and implementation of numerical algorithms designed to solve mathematical problems that arise in the real-world modeling of physical processes. Topics will include several categories of numerical algorithms such as solving systems of linear equations, root-finding, approximation, interpolation, numerical solutions to differential equations, numerical integration, and matrix methods. **Prerequisite:** MATH351. **Recommended:** COMS103.

MATH385 Mathematical Modeling (3)

Modeling is a course that covers techniques for analysis and decision-making for industrial problems, discrete and continuous optimization, dynamical systems modeling, and probabilistic methods in applied mathematics. **Prerequisite:** MATH260.

MATH390 History of Mathematics (3)

An introduction to the historical development of fundamental mathematical concepts. Emphasis is placed on the development of numeration systems, geometry and formal axiomatic systems, solutions of polynomial equations, the development of calculus, and the impact of global events on the development and proliferation of mathematical ideas. **Prerequisite:** MATH295.

MATH444 Methods in Teaching 5-12 Mathematics (3)

This course is required for students who seek state licensure (grades 5-12) for teaching of Mathematics within the Math Department's Minnesota Teaching Licensure track. The course includes a field experience and must precede EDUC495 "Student Teaching I" and EDUC 496 "Student Teaching II." **Prerequisites:** Acceptance to Math major's Minnesota Teaching Licensure track and acceptance to education major.

MATH451 Abstract Algebra (3)

The three primary topics of this course are groups, rings, and fields. Groups will be studied, including homomorphisms, normal subgroups, and the symmetric and alternating groups. The theorems of Lagrange, Cauchy, and Sylow will be developed and proven. **Prerequisite:** MATH295.

MATH461 Partial Differential Equations (3)

The primary topics of this course include Fourier series, Sturm-Liouville and boundary value problems, Cauchy problems and the method of characteristics, separation of variables and Laplace transform methods. Numerical methods and selected topics are also included. **Prerequisites:** MATH243 and MATH260.

MATH471 Complex Analysis (3)

An introduction to functions of a complex variable. Topics include the algebra and geometry of complex numbers, analytic functions, exponential and logarithmic functions, complex integration, infinite series, residues and pole, and conformal mappings. **Prerequisite:** MATH295.

MATH480 Topics in Mathematics (1-4)

A course designed to include topics outside the scope of our other course offerings. Topics may include, but are not limited to, mathematical biology, point-set and algebraic topology, graph theory, combinatorics, differential geometry, set theory, number theory, advanced linear algebra, advanced abstract algebra, and Galois theory. **Prerequisite:** Consent of instructor.

MATH491 Mathematics Colloquium (1)

A two semester capstone course intended to introduce students to topics in mathematics that are not covered in other courses. This is done through faculty and visiting professor presentations as well as student presentations of selected topics or research. **Prerequisite:** MATH295 or consent of instructor.

MATH495 Senior Thesis (2)

Satisfies the mathematics major capstone requirement and is composed of a written report based on student research. Each student will be expected to present their thesis to the Bethany community through a presentation in Mathematics Colloquium. **Prerequisite:** Consent of instructor (senior status normally required).

MATH499 Mathematics Internship (1-4)

A mathematics-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Each student will be expected to give a presentation of their internship to the Bethany community in Mathematics Colloquium. **Prerequisite:** Consent of mathematics internship coordinator.

MILS101 Intro to Army and Critical Thinking (1-5)

Introduces cadets to the personal challenges and competencies critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership, and the Army profession.

MILS102 Intro to the Profession of Arms (1-5)

Cadets will learn how Army ethics and values shape the Army and the specific ways that these ethics are inculcated into Army culture. Cadets can expect to explore the seven Army Values, Warrior Ethos, explore the Profession of Arms, Army Leadership and critical communication.

MILS150 Leadership Lab (1)

This class is the associated leadership lab for the MILS classes. It is the hands-on portion where individual and collective military tasks are practiced and leadership lessons are applied. Students must be enrolled in ROTC to take this course.

MILS201 Leadership and Decision Making (1-5)

Explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced planning, executing and assessing team exercises.

MILS202 Army Doctrine and Team Development (1-5)

Examines the challenges of leading teams in the complex operational environment. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army Leadership Requirements Model explores the dynamics of adaptive leadership in the context of military operations. Cadets develop greater self-awareness as they assess their own leadership styles and practice communication and team building skills.

MILS210 Army Physical Fitness (1)

This class is open to all students. Please note, this is a physically demanding class. It is a comprehensive fitness program based on the latest military fitness techniques and principles. Students participate in and learn the components of an effective physical fitness program, with emphasis on the development of an individual fitness program and the role of exercise and fitness in one's life. In addition, students will achieve the highest standards of physical fitness in preparation for the Army Physical Fitness Test.

MILS252 The Evolution of American Warfare (3)

This course is designed to provide an overview of American Military history from the Revolutionary War to the present, with emphasis on the post World War I era. It examines the cause, conduct, consequences, and historical threads of military conflict.

MILS277 Cadet Professional Development Training (CPDT) (3)

This course is devoted to the study and practical application of the Army profession and Army leadership development through first-hand service with real Army units on actual Army installations. Qualified cadets compete for selection to attend one of 23 separate Army courses. Note selection is very competitive and each Army-sanctioned course is very rigorous. Once selected, cadets hone their leadership and individual skills during two to four weeks of training and education. Possible courses include Airborne school, Air Assault school, Cadet Initial Entry Training, and Cadet Troop Leader Training. Students must be enrolled in ROTC to take this course.

MILS299 Individual Study (1)

This independent study course requires prior coordination with instructor once registered. This course will focus on leaders self-development projects and study, designed to develop leaders competencies and attributes.

MILS301 Training Management and the Warfighting Function (1-5)

Cadets will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, cadets will be capable of planning, coordinating, navigating, motivating and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX).

MILS302 Applied Leadership in Small Unit Operations (1-5)

Continuation of MILS301 course. **Prerequisite:** MILS301.

MILS366 Advanced Camp (3)

This course is a rigorous and demanding 32-day internship held at Fort Knox, Kentucky, and is designed to develop and evaluate leadership ability and determine preparedness to become commissioned Army officers. Cadets train in physically and mentally challenging situations to include land navigation, tactics, physical training, and drill and ceremony. Limited to cadets contracted with the US Army.

MILS401 The Army Officer (1-5)

An advanced course that places primary emphasis on Officership with our MILS IV cadets who are our educational main effort; MILS401 and MILS402 together refine and ultimately completes the cadet-to-commissioned officer transition. In MILS401 Mission

command and ethics is stressed along to assist the cadet in further embracing their future role as an Army officer. **Prerequisites:** MILS301, MILS302.

MILS402 Company Grade Leadership (3)

The culmination of a four-year sequential, progressive, challenging developmental leadership experience. It is during this final semester that the cadet is undergoing final preparation for the duties and responsibilities of a commissioned officer along with their integration into the Army. The emphasis is placed on critical knowledge, skills, abilities and competencies skills newly commissioned officers will need. **Prerequisites:** MILS301, MILS302.

MILS403 Application for Physical Conditioning (1)

Students plan, organize and lead individual and team oriented physical conditioning activities. These activities are geared toward the physical development and instruction of underclassmen. All cadets will take a physical fitness test prior to the end of the semester. Limited to ROTC cadets who executed an enlistment contract with the U.S. Army. **Prerequisite:** MILS210.

MILS498 Cultural Understanding and Language Proficiency Internship (3)

Students will develop cultural awareness and foreign language proficiency skills through a one-month summer overseas immersion experience to one of 42 different countries. Internship will expose the student to culture and will intensify language study, which helps produce commissioned officers who possess the right blend of language and cultural skills required to support global operations in the 21st Century. Internship will focus on one of three immersion opportunities: military-to-military exchange, governmental or English instruction. Must be a contract ROTC Cadet to participate.

MILS499 Individual Study (1)

This independent study course requires prior coordination with instructor once registered. This course will focus on leader self-development projects and study, designed to develop leader competencies and attribute.

MISY300 Software Applications (3)

Using intermediate and advanced features of Excel and Access software to improve individual and organizational productivity is the focus. Macros, functions, scenario management, solver, special queries, pivot tables, multiple worksheets/3D cell referencing, and data tables are included in a hands-on approach to providing organizations with needed information. **Prerequisite:** COMS101 or consent of instructor.

MISY302 MIS in the Organization (3)

Use of a systems approach in analyzing the role of information systems and how information technology (IT) is changing the role of the organization manager. Information systems and how they can be used to provide real business benefit will be analyzed. Organizational change as it relates to IT development will be explored. **Prerequisite:** MISY300.

MISY440 Project Management (3)

Develops MIS skills needed to define, plan, lead, monitor, and complete IT projects for organizations. Emphasis will be on technical and communication skills needed to manage changes and problems associated with project management. Work breakdown structure, schedule, time estimate, network diagram, and contingency plans will be included in projects. This course combines theory, techniques, group activities, and computer tools to complete projects. Developing an MIS project for a “real” community organization will be encouraged to combine the classroom learning with community service. **Prerequisite:** MISY302.

MUSC101 Music Fundamentals (3)

Basic concepts of music theory: notation, scales, intervals, chords. No musical background necessary.

MUSC102 Music Appreciation (3)

Introduction to music as artistic expression. No musical background necessary.

MUSC111 Music Theory I (3)

Building a foundation of diatonic harmonic vocabulary. Introduction to part-writing. Students are encouraged to take MUSC114 concurrently. **Prerequisite:** MUSC101 or satisfactory performance of Music Theory entrance exam.

MUSC112 Music Theory II (3)

Continuation of MUSC111. Melodic analysis and reduction. Students are encouraged to take MUSC115 concurrently.

MUSC114 Music Skills I (2)

Ear training, sight singing, keyboard harmony, and beginning guitar. Melodic and rhythmic dictation. Students are encouraged to take MUSC111 concurrently. **Prerequisite:** MUSC101 or satisfactory performance on the Music Theory entrance exam.

MUSC115 Music Skills II (2)

Continuation of MUSC114. Sight reading, and melodic and rhythmic dictation. Keyboard performance of harmonic progressions. Introduction to figured bass. Students are encouraged to take MUSC112 concurrently.

MUSC121 Music History I (3)

Study of repertoire of major styles and composers. Middle Ages through the Baroque era.

MUSC122 Music History II (3)

Study of repertoire of major styles and composers. Classical era into the 21st century.

MUSC125 Choraliars (0)

MUSC130 Concert Choir (1)

MUSC132 Mary Martha Singers (0)

MUSC133 Chamber Choir (0)

MUSC135 Concert Band (1)

MUSC140 Handbells (0)

MUSC152 String Ensemble (0)

MUSC153 Chapel Brass (0)

MUSC154 Drumline (0)

MUSC155 Jazz Ensemble (0)

MUSC161 Introduction to Conducting (1)

Introduction to basic conducting patterns and problems. Student will demonstrate leadership gestures and conduct a small group in folk melodies, hymntunes and chorales in duple and triple schemes. Preparatory beat anacrusis, the fermata and release will also be practiced.

MUSC181 ELS Certification Piano (1)

Private 30-minute lessons. Development of keyboard skills for the elementary classrooms of the schools in the Evangelical Lutheran Synod, emphasizing basic keyboard proficiency leading to the performance of folk song, hymnody and the music of the Lutheran liturgy. **Prerequisite:** Consent of education department.

MUSC190 Instruction I (1)

Private 30-minute lessons at all levels, beginner to advanced: piano, voice, organ, wind instruments (brass, woodwind), string instruments (violin, cello, guitar, etc.), percussion (snare, mallets, drum-set). Course may be taken repeatedly. Additional fees required. Scholarships may be available.

MUSC211 Music Theory III (3)

Continuation of MUSC112. Emphasis on analysis. Study of fugue and classical forms. Part writing. Students are encouraged to take MUSC214 concurrently.

MUSC212 Music Theory IV (3)

Continuation of MUSC211. Analysis of music from the 19th into the 21st century. Expansion of harmonic vocabulary. Students are encouraged to take MUSC215 concurrently.

MUSC214 Music Skills III (2)

Continuation of MUSC115. Chord progressions to include modulations. Keyboard realization of modulations. Students are encouraged to take MUSC211 concurrently.

MUSC215 Music Skills IV (2)

Continuation of MUSC214. Reading of open choral and instrumental scores at the keyboard, and figured bass. Students are encouraged to take MUSC212 concurrently.

MUSC235/RELG235 Hymnody and Liturgics (3)

The history and development of hymnody and liturgical forms in the Western Church, especially as they relate to the Lutheran Divine Service, pedagogy and devotion. Special emphasis on the chorale and hymnody of the traditions of the Evangelical Lutheran Synod. The course integrates the academic disciplines of music, history, and theology. Course is cross-listed with RELG235.

MUSC261 Choral Conducting (3)

Techniques and rehearsal procedures. Repertoire and its historical place in liturgy, especially as it applies to the Lutheran tradition.

Prerequisite: MUSC101 or MUSC111.

MUSC262 Instrumental Conducting (3)

The craft and tradition of instrumental conducting is explored through the study of preparatory skills, pedagogical concepts, posture, beat patterns, “stick” technique, and an introduction to band and orchestral repertory. **Prerequisite:** MUSC161.

MUSC290 Instruction II (2)

Private 60-minute lessons: piano, voice, organ, wind instruments (brass, woodwind), string instruments (violin, cello, guitar, etc.), percussion (snare, mallets, drum-set). **Prerequisites:** Consent of instructor. Additional fees required. Scholarships may be available.

MUSC303 Music Communication and Technology (3)

Development of skills in the use of electronic and computer-generated materials and equipment. Music composition, arranging, and publishing.

MUSC307 Survey of Organ History and Literature (2)

Broad historical survey of organ music, writings on organ music, and organ design.

MUSC309 Service Playing and Repertoire (2)

Practical skills for the worship service. Varied hymn accompaniment. Vocal and instrumental accompaniment. Building a repertoire.

Prerequisite: MUSC190 or consent of instructor.

MUSC317 Piano Literature (2)

A survey of piano composers and compositions from 1830 to the present.

MUSC335 Music Theatre (3)

A survey of the musical theatre, including history, repertory, form and style. From Gilbert and Sullivan to the present.

MUSC340 Survey of World Dance (3)

A study of dance through form, style and rhetoric in various cultures. **Prerequisite:** MUSC101 or MUSC111 or consent of instructor.

MUSC341 Music of the Renaissance and Baroque (3)

Examination of forms, composers, and musical ideals of Western music from 1450-1650. **Prerequisites:** MUSC121 and MUSC122.

MUSC342 Music of the Baroque and Classic Era (3)

Examination of the music of the high Baroque through the Classic era from 1650-1800. **Prerequisites:** MUSC121 and MUSC122.

MUSC343 Music of the 19th Century (3)

Examination of forms, styles, and musical ideals of Romantic composers. **Prerequisites:** MUSC121 and MUSC122.

MUSC344 Music of the 20th Century (3)

Beginning with Impressionism and Expressionism the course will explore music produced in the last 100 years. **Recommended:** MUSC111, MUSC112, MUSC121, MUSC122.

MUSC371 Piano Pedagogy (1)

Introduction to the teaching of piano. Students in the course will study various approaches to piano instruction as well as methods and repertoire.

MUSC372 Organ Pedagogy (1)

Through the study of a variety of organ method books the student will learn a manner of teaching appropriate for the student at hand. In addition, methods of teaching repertoire will be introduced, as well as how to develop an organ studio. **Prerequisites:** MUSC190 and consent of instructor.

MUSC373 Vocal Pedagogy (1)

Introduction to teaching of voice. Students will study various approaches to vocal instruction as well as methods and repertoire.

Prerequisite: MUSC190A or consent of instructor.

MUSC390 Instruction III (1)

Private 30-minute lessons: piano, voice, organ, composition, conducting, wind instruments (brass, woodwind), string instruments (violin, cello, guitar, etc.), percussion (snare, mallets, drum-set). **Prerequisite:** Consent of instructor. Additional fees required. Scholarships may be available.

MUSC400 Church Music Practicum (3)

For church music majors. Supervised practicum in the parish. **Prerequisite:** Consent of instructor.

MUSC417 Counterpoint and Composition (3)

Study of strict species counterpoint. Analysis of 17th and 18th century counterpoint. Application of the contrapuntal practices relative to current composition. **Prerequisite:** MUSC212.

MUSC418 Analysis and Composition (3)

Principles of composition and arranging. Analysis of significant styles and forms. **Prerequisite:** MUSC212.

MUSC435 Opera and Lyric Theatre (3)

A study of opera from the Florentine Camerata through Broadway Lyric Theatre. Form and Style. **Prerequisite:** Consent of instructor.

MUSC440 World Music (3)

Introduction to non-Western music of a diversity of cultures. **Prerequisites:** MUSC101 or MUSC111 and consent of instructor.

MUSC475 Recital (1)

Performance for students enrolled in private music lessons; program planned and directed by student and recital instructor. May be capstone for music major emphases. **Prerequisite:** Consent of instructor.

MUSC480 Topics in Music (3)

Course content varies. **Prerequisite:** Consent of instructor.

MUSC489 International Study Tour (3)

Course allows the student to travel to a specific country, selected by the professor, and covers various aspects of the selected country or geographical area.

MUSC490 Instruction IV (2)

Private 60-minute lessons: piano, voice, organ, composition, conducting, wind instruments (brass, woodwind), string instruments (violin, cello, guitar, etc.), percussion (snare, mallets, drum-set). Primarily for students preparing for recital. May be combined with MUSC475 for the music major capstone. **Prerequisites:** Consent of instructor. Additional fees required. Scholarships may be available.

MUSC495 Senior Seminar Music (3)

Capstone project for students majoring in music. Project is coordinated with faculty advisor.

MUSC499 Music Internship (1-6)

Music-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. Music majors only. **Prerequisite:** Consent of instructor.

NORW101 Introduction to Norwegian I (4)

Introduction to the Norwegian language through contemporary texts, with some discussion of history and culture of Norway.

NORW102 Introduction to Norwegian II (4)

Introduction to the Norwegian language through contemporary texts, with some discussion of history and culture of Norway.

Prerequisite: NORW101.

NURS300 Fundamentals of Professional Nursing (3)

This course introduces students to the theories and principles that form the foundation for professional nursing practice. The theoretical foundation of caring and culture care is introduced. The fundamental concepts basic to nursing such as health and wellness,

nursing process, therapeutic communication, and holistic health are examined. Historical, legal, professional, cultural, economic, and social factors that influence nursing and health care delivery are studied. This course is required for the B.S. in Nursing. Only students admitted to the Nursing major may register for this course.

NURS310 Assessment and Skills for Nursing (5)

This course provides fundamental instruction in health assessment, therapeutic interventions, dosage calculation, and nursing care skills across the lifespan. In a laboratory setting, students will learn and practice basic nursing care skills in assessment, asepsis and infection control, patient safety, skin integrity and wound care, nutrition, diagnostic testing, elimination, documentation, and medication administration. Individual practice sessions in the nursing applied learning laboratory will be required. Students will be evaluated through skill performance assessments for their readiness to assume the role of caregiver in a variety of clinical settings. This course is required for the B.S. in Nursing. Only students admitted to the Nursing major may register for this course.

NURS320 Pharmacology for Nursing (3)

This course introduces basic concepts of pharmacology and applies clinical reasoning to the safe administration of medications. Pharmacologic principles, including pharmacokinetics, pharmacodynamics, and toxicology are studied. The mechanism of actions and adverse reactions of prescribed drugs, over-the-counter drugs, herbal drugs, and dietary supplements on the various systems are discussed. Life-span, gender, and ethnicity considerations will be explored. The nursing process in relation to drug therapy is discussed and applied in patient scenarios. This course is required for the B.S. in Nursing. Only students admitted to the Nursing major may register for this course.

NURS330 Pathophysiology for Nursing (3)

This course examines pathophysiology related to human illness within a systems framework. Emphasis is on understanding normal physiological function and pathophysiology of alterations in normal physiological function. Pathophysiology, clinical manifestations, and evaluation and treatment of selected illnesses are studied. Nursing process for diverse patients across the lifespan is incorporated throughout. This course is required for the B.S. in Nursing. Only students admitted to the Nursing major may register for this course.

NURS340 Gerontological Nursing (3)

This course discusses basic nursing principles, practices, and functions related to health, wellness, and illness needs of the older adult. Application of nursing process will focus on the biological, physical, psychological, social, and cultural concerns of aging adults and their families/caregivers. Emphasis is on effective communication, end-of-life care, chronic illness, and specific disease processes such as diabetes, cardiovascular disease, respiratory disease, and dementia. Clinical practicum will occur in diverse settings appropriate to the older adult population. This course is required for the B.S. in Nursing. Only students admitted to the Nursing major may register for this course.

NURS350 Evidence-Based Nursing (2)

This course studies theory and research as a foundation for evidence-based nursing practice. Relevance of nursing models to current and future nursing practice and research, research process and methods, critical appraisal of research, and the concepts of evidence-based nursing practice are emphasized. Published research studies will be critically analyzed with regard to implications for nursing practice. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS360 Adult Nursing (5)

This course explores acute health care concerns for adults requiring medical or surgical care for disorders of the respiratory, cardiovascular, neurologic, gastrointestinal, genitourinary, endocrine, hematologic, integumentary, and musculoskeletal systems. This course will integrate pathophysiology, pharmacology, and knowledge of chronic and acute health problems with nursing care provided to the adult population. Emphasis is placed on the use of the nursing process to identify physiologic, psychosocial, educational, and cultural needs of adult patients and implement appropriate interventions to provide patient-centered nursing care. Students will be instructed and evaluated on advanced intravenous and respiratory care skills and advanced dosage calculations. Clinical practicum experiences will occur with adults in a medical-surgical acute care setting. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS370 Transcultural Nursing (3)

This course introduces students to theoretical frameworks and nursing actions necessary to provide culturally sensitive and culturally congruent care to diverse individuals, families, communities, and populations. Emphasis is placed on understanding and appreciating cultural diversity in order to promote appropriate health prevention and disease intervention activities and patient teaching strategies. Common health conditions of various cultural groups are examined. Clinical practicum and/or immersion experiences will occur in a

variety of settings with diverse clients. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS400 Issues and Trends in Nursing (3)

This course explores the major issues and trends facing contemporary professional nursing. Focus is on historical perspectives and select theoretical frameworks of nursing, ethical and legal principles that guide professional nursing practice, economic and political forces that influence change in contemporary health care, nursing informatics, and current issues impacting health care organizations and patient care delivery. Students will critically analyze their own beliefs, values, and biases as they relate to the role of the Christian professional nurse in contemporary health care systems. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS410 Childbearing Family Nursing (4)

This course focuses on nursing care of childbearing families. Physiologic and psychosocial changes that occur in women from adolescence through adulthood are examined. Legal/ethical, cultural, educational, complications, and family considerations related to pregnancy, birth, and newborn periods are discussed. Emphasis is placed on the use of the nursing process to identify physiologic, psychosocial, educational, and cultural needs of childbearing families and implement appropriate interventions to provide family-centered nursing care. Therapeutic communication, health promotion, risk assessment, and patient teaching of individuals and families during pregnancy and birth are incorporated. Clinical practicum experiences will occur in traditional and non-traditional childbirth care settings. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS420 Child and Adolescent Nursing (4)

This course focuses on pediatric health and illness with emphasis on family dynamics, growth and development, and communication with children and their families. This course will integrate pathophysiology, pharmacology, and knowledge of chronic and acute health problems with nursing care provided to the child and adolescent population. Emphasis is placed on the use of the nursing process to identify physiologic, psychosocial, educational, and cultural needs of child and adolescent patients and their families and implement appropriate interventions to provide family-centered nursing care. Health promotion, risk reduction, and disease and illness management are discussed. Clinical practicum experiences will occur with children and adolescents in hospital and community settings. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS430 Mental Health Nursing (3)

This course introduces students to psychiatric and mental health nursing for individuals, families, and groups. Emphasis is on self-understanding in the student, medication and non-medication interventions, group interventions, therapeutic environments, and therapeutic communication within the nurse-client relationship. Commonly occurring mental health disorders are studied including addictive behaviors, personality disorders, and mood disorders. Clinical practicum experiences will occur in traditional and non-traditional mental health care settings. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS440 Community Health Nursing (3)

This course studies community and public health nursing. Emphasis is on health promotion and maintenance of individuals, families, communities, and populations through application of the nursing process. Historical development and nursing theories of community health, epidemiology, health care policy, specific aggregate groups and health problems, vulnerable populations, and community health care settings will be discussed. Diverse roles of the community and public health nurse are examined. Clinical practicum experiences will occur in traditional and non-traditional community health care settings. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS450 Leadership and Management in Nursing (5)

This course introduces theories of leadership, management, and organizations with a focus on the leadership role of the registered nurse. Emphasis is on management versus leadership, effective communication and team building, managing resources, conflict management, change, delegation, and patient centered care. Clinical experiences with a preceptor focus on the transition from student role to entry level professional nursing as part of a multi-disciplinary health care team. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

NURS460 Transition into Professional Nursing (2)

This course prepares nursing students to transition from student to practitioner. Emphasis is on preparation for the NCLEX-RN® exam, role transition, personal management, mentoring, and employment considerations. A combination of classroom lectures and

online learning modules will provide students with opportunity to identify strategies and create a personal plan for effective NCLEX-RN® exam preparation. Students will create a professional resume, practice interviewing skills, and develop and present an evidence-based research project. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

PHED120 Aerobic Conditioning (1)

Principles and practice of safe aerobic exercise.

PHED124 Weight Training (1)

Principles and practice of safe resistance training.

PHED217 Lifetime Health and Fitness (3)

A study of the interconnected dimensions that make up the human wellness concept. Designed to encourage and activate self-responsibility through knowledge of physical fitness, wellness and lifestyle management. Additional fees required.

PHED306 Methods of Coaching (3)

This course is a comprehensive introduction to the coaching profession. Emphasis is placed on sport at the high school, and serious club levels. Consideration is also given to coaching at other levels, such as youth, recreational, and intercollegiate sport programs. The primary goal of the course is to develop and enhance students' knowledge and understanding of concepts and techniques of coaching and their application to achieving important objectives in working with athletes.

PHED310 Motor Learning and Behavior (3)

An investigation of the nature of motor development, motor control, and motor learning in individuals throughout the lifespan. Topics will focus on the interaction between development of motor performance capabilities in the learner and the role of the environment in facilitating the processes of motor skill learning and performance.

PHED320 Social Aspects of Sports (3)

This course will introduce the student to the complex field of sport as a psychological and sociological phenomenon. Students will study social processes associated with sport, including competition, socialization, conflict and change. **Prerequisite:** Sophomore status required or consent of instructor.

PHED325 Sport Psychology (3)

Familiarizes students with those aspects of psychology that influence performance and participation in sports and other sports related settings. Topics include self-esteem, motivation, stress, and imagery as it applies to one's ability to perform or willingness to participate in sports. This course is especially beneficial to students planning on sports-related fields connected with performance. (Cross-listed with PSYC315.)

PHED330 Prevention and Care of Athletic Injuries (3)

Basic prevention, care, evaluation, treatment and rehabilitation of athletic injuries. **Prerequisite:** HLTH206.

PHED350 Kinesiology (3)

A study of the biomechanics of human movement. **Prerequisites:** BIOL221 and BIOL222.

PHED450 Exercise Physiology and Lab (4)

A study of both acute and chronic exercise on the structure and function of the human body. Three lectures and one lab per week. **Prerequisites:** BIOL221, and BIOL222.

PHED455 Strength and Conditioning (3)

A course designed to provide practical knowledge and experience in the area of strength and conditioning. Topics include specificity, flexibility, plyometrics, core stabilization, weight training, circuit training, and ergogenic aids. **Prerequisites:** BIOL221 and BIOL222.

PHED460 Exercise Testing and Prescription (3)

This is a course in applied techniques for the measurement of exercise bioenergetics, neuromuscular performance, cardiopulmonary fitness, and other health components. A particular emphasis is given to the development of fitness testing skills and knowledge necessary for exercise testing certification. **Prerequisites:** BIOL221 and BIOL222.

PHED470 Research and Writing in Exercise Science (3)

This course provides students the opportunity to conduct undergraduate research and gain experience in academic writing. Students will demonstrate the importance of protecting human research participants. In addition, students will develop a research proposal to be submitted to the Bethany Lutheran College Institutional Review Board (IRB). A “mini-thesis” will be written, which will include a study introduction, literature review, research method, results, and conclusion section. Students will also present their “mini-thesis” project. **Prerequisite:** PHED460 (taken before or concurrently), or consent of instructor.

PHED480 Topics in Exercise Science (3)

A capstone topics course in Exercise Science. This course will review the various physiological, psychological, and administrative components involved in a comprehensive health/fitness program. A special emphasis on cardiac concerns included. **Prerequisites:** BIOL221 and BIOL222.

PHED499 Coaching Internship (1-9)

Coaching related field experience with an approved agency fulfilling an individual learning contract negotiated between student, faculty advisor, and worksite. By permission only.

PHIL201 Logic and Critical Thinking (3)

This course focuses on the construction and evaluation of logical arguments, with applications to civic awareness and involvement. Attention is devoted to formal logical analysis, including syllogisms and basic symbolic logic, as well as effective written communication.

PHIL202 Introduction to Philosophy (3)

This course introduces the basic methods of philosophy by studying the traditional problems of philosophy. Emphasis is placed on developing skills of reading and analyzing philosophical writing, and executing analytic critiques of basic philosophy texts.

PHIL204 Ethics (3)

Through exposure to Western moral philosophies from antiquity through the postmodern era, students explore the foundations of ethical standards and judgments. These perspectives are then applied to the analysis of contemporary moral debates and ethical case studies.

PHIL330 History of Western Philosophy I (3)

A survey of the development of philosophy, beginning with the Pre-socratic philosophers through Thomas Aquinas. Major emphasis is on Plato, Aristotle, Augustine, and Aquinas.

PHIL331 History of Western Philosophy II (3)

A survey of the development of modern philosophy, extending from Nominalism to the present. Special emphasis is placed on the development of rationalism and empiricism, with readings focusing on Descartes, Hume, and Kant.

PHIL450 Philosophical Readings (3)

This course will function as a philosophy reading course focusing on the relationship between the social order and the construction of political authority in human societies. Though the course is historical in orientation, we will also read each author in terms of how they speak to us today. There can be up to eight different books that will be read. **Prerequisites:** PHIL202 and PHIL330, or consent of instructor.

PHYS101 Descriptive Physics and Lab (4)

Intended for non-science majors. Introductory study of some of the basic concepts in physics with an emphasis on everyday applications. Topics covered include motion, energy, heat, sound, electricity and magnetism. Three lectures and one two-hour lab per week.

PHYS151 College Physics I and Lab (4)

Beginning course for students without a calculus background. Includes basic principles of bodies at rest and in motion, fluids, thermodynamics, vibrations, waves, and sound. Three lectures and one two-hour lab per week. **Prerequisite:** MATH112 or MATH151.

PHYS152 College Physics II and Lab (4)

Continuation of PHYS151. Includes light, electricity, and magnetism. Three lectures and one two-hour lab each week. **Prerequisite:** PHYS151.

PHYS213 General Physics I and Lab (5)

Beginning calculus-level physics course. Topics include classical mechanics, thermodynamics, waves, and sound. Four lectures and one two-hour lab per week. **Prerequisite:** MATH152.

PHYS214 General Physics II and Lab (5)

Continuation of PHYS213. Topics include electricity, magnetism, and light. Four lectures and one two-hour lab per week. **Prerequisite:** PHYS213.

PLSC105 American Government (3)

To introduce the student to the American system of government, and to foster an understanding of and appreciation for the Constitution of the United States. Review how federal institutions function and the management thereof, the role and function of the state, regional and local units of government and a glimpse of political campaigns and elections.

PLSC106 World Politics (3)

This course will introduce some of the basic concepts in the study of world politics. It is a survey course and assumes no prior knowledge or experience in the study of International Relations. The course is broken into three parts: Foundation of World Politics, Driving Forces in World Politics; and finally, Significant Issues in 21st Century World Politics.

PLSC420 Constitution and Early Republic (3)

This course explores the development, ratification, and legacy of the U.S. Constitution from 1787 through the 1820s. In both primary and secondary documents, students will explore American life under the Constitution with special attention to questions of religion, race, gender, and individual rights. (Cross-listed with HIST420.)

PSYC110 General Psychology (4)

Provides an overview of the major concepts of psychology viewed through contrasting perspectives and gives students a general knowledge base pertaining to the field. A wide range of topics are covered, including: biological influences, learning and memory, development, social factors, abnormal behavior, and therapy. Emphasis is placed on the relevance of psychology to everyday life and faith. This course is designed to benefit the major and non-major alike.

PSYC120 Human Growth and Development (3)

Offers a life-span perspective on human development. Students learn the major theories and perspectives relating to the physical, cognitive, and psychosocial aspects of development from conception to death. Class discussion and course projects help students connect these concepts to benefit their own lives, by understanding and appreciating their past and exploring their potential future development. This course is designed to benefit the major and non-major alike.

PSYC215 Personality (3)

Examines the major psychological theories and the theorist's personal histories. Students become familiar with the theoretical models that psychology uses to understand the problems and needs of people. In the context of a Christian perspective, these theories are evaluated with regard to their claims and relative value. This course is designed for majors and those seeking to understand personality from psychological perspectives. **Prerequisite:** PSYC110.

PSYC230 Cross Cultural Psychology (3)

Focuses on the influence of cultures on psychological phenomena. Students learn to identify universal and culture-specific factors that impact how we think, act, and interact in our world. This course is designed to be an introductory course suitable for all majors, and is especially beneficial for students planning to study abroad or participate in international study tours, as well as those who plan to interact with diverse populations in a work setting.

PSYC270 Gender (3)

Investigates gender as a framework for life, and how our concepts of male and female affect cognition, emotion, and behavior. Students examine approaches to gender as viewed from multi-cultural, interdisciplinary, and Biblical perspectives. Content includes the history of the women's movement, the biological basis of gender distinctions, and gender in religion. Additional topics include gender issues in media, family, education, work, and science. This course is designed to be an introductory course suitable for all majors, and is of particular value to those seeking greater understanding and appreciation of God's masterpiece, men and women.

PSYC280 Topics in Psychology (1-4)

Topics of special interest are presented in a seminar format.

PSYC289 International Study Tour (3)

Designed to enhance the classroom curriculum, this course allows the student to travel to a specific country or region of the United States selected by the professor. The course covers various aspects of the selected country or geographic area. Students engage with a diverse range of people and experience firsthand many aspects of psychology and culture.

PSYC290 Career Exploration and Development in Psychology I (1)

An orientation to the psychology major as both a profession and vocation. Students explore sub-fields of psychology, engage in professional development activities, establish career goals, and consider how psychology, as a field and discipline, informs their lives as Christian citizens. **Prerequisites:** PSYC110 or PSYC120, and declaration of psychology as major.

PSYC312 Industrial Organizational Psychology (3)

Surveys basic behavioral science research that contributes to industrial and organizational psychology, including worker attitudes and theories of motivation, organizational structure, communication, theories of leadership, decision making, conflict resolution, and methods of personnel selection and evaluation. This course is especially beneficial to those going into business-related fields and those entering the workforce.

PSYC315 Sport Psychology (3)

Familiarizes students with those aspects of psychology that influence performance and participation in sports and other sports-related settings. Topics include self-esteem, motivation, stress, and imagery as it applies to one's ability to perform or willingness to participate in sports. This course is especially beneficial to students planning on sports-related fields connected with performance. (Cross-listed with PHED325.)

PSYC325 Psychology of Child Development (3)

Examines the development of children from conception through puberty. Students gain a well-rounded understanding of the many stages and phases of a child's life through in-depth examination of case studies. Relations between the individual child and their contexts of development will be explored via readings, discussions, and weekly service-learning experiences in the field. This course is designed for those who intend to work in professions serving children, as well as current or future parents.

PSYC330 Psychology of Adult Development (3)

Focuses on the development of individuals from young adulthood through the end of life. Students examine longitudinal research findings on aging, and explore the implications to their current and future life choices. This course covers topics such as identity development, mate selection, work, retirement, and bereavement. Relations between the individual and their contexts of development will be explored via readings, discussions, and weekly service-learning experiences in the field. This course is designed for those who intend to work in professions serving adults, as well as those who seek a greater understanding of their current and future development.

Prerequisite: PSYC120 or consent of instructor.

PSYC335 Learning and Cognition (3)

Explores cognitive and learning processes that shape how we think, feel, and behave as humans. Students gain knowledge about cognitive psychology, learning theory, and behavioral analysis, and evaluate issues raised by these fields from a Christian worldview. This course benefits students who wish to enhance their understanding of thinking and learning processes, including Communication and Business majors. **Prerequisite:** PSYC110 or PSYC120.

PSYC337 Introduction to Physiological Psychology (3)

Examines humans from a biological perspective, including the interplay between biological (e.g. brain, genes, hormones) and psychological processes (e.g. hunger, memory, sleep, sexual behavior, psychopathology). Students gain knowledge about the role that biology plays in influencing psychological functioning in both positive and negative ways. This course is especially beneficial to students interested in biological and health-related fields (e.g. medicine, nursing, counseling). **Prerequisites:** PSYC110 or PSYC120, and BIOL101 or BIOL151.

PSYC340 Social Psychology (3)

Explores how the behavior, thoughts, and feelings of individuals influence, and are influenced by, the behavior and characteristics of others. Students gain knowledge about the methods, theories, and content in the field of social psychology. Topics include attitudes, social cognition, friendship, attraction, altruism, aggression, conformity, and social exchange. This course is particularly useful to those pursuing careers involving group work and social interactions. **Prerequisite:** PSYC110.

PSYC350 Abnormal Psychology (3)

Investigates the nature of characteristics of abnormal human behavior. These include depression, anxiety, schizophrenia, eating disorders, chemical dependency, and family problems. Students focus on theories, assessment, classification, and treatments of abnormal behavior. This course is especially beneficial to those planning to work in health professions, education, and counseling. **Prerequisite:** PSYC110.

PSYC365 Facilitating Groups (3)

Investigates the power of groups, the stages of groups, and group process. Students gain hands on skills as group leaders via in-class demonstrations and role-playing. Students learn how to appropriately provide opportunities for interpersonal support, team building, and confrontation. This course is useful to those who would like to know how to manage a group effectively, and anyone who aspires to be a great leader. **Prerequisite:** PSYC110 or PSYC120.

PSYC380 Psychopharmacology (3)

Explores the interactions between humans and drugs, specifically drugs that affect the brain. Students explore the impact of drug use, both individually and societally. Topics include drug action on the nervous system, classes of recreational and therapeutic drugs, drug laws and regulations, and treatment and prevention approaches. This course is especially beneficial for students going into counseling, sociological, health, or psychological fields. **Prerequisite:** BIOL101 or above; recommended: PSYC337.

PSYC390 Career Exploration and Development in Psychology II (2)

Expands upon the orientation to the psychology major course, providing students with the opportunity to engage in a variety of on- and off-campus professional development activities, such as job shadowing and site visits. Students pursue internship opportunities, identify graduate programs related to their interest area, identify job opportunities for those holding an undergraduate degree in psychology, and serve as peer-mentors for students enrolled in Career Exploration and Development in Psychology I. **Prerequisites:** PSYC110, PSYC120, and PSYC290.

PSYC440 Applied Behavior Analysis (3)

Provides an introduction to the principles of learning and how those principles can be used to modify behavior. The course emphasizes the application of learning theory principles to solve behavioral problems as they exist in oneself, one's family, and the greater community. Particular attention will be given throughout the semester to the ethics surrounding behavioral research and practice. Of particular interest to students wanting to facilitate change in their own or another's behavior, this course is beneficial to communication, education, business, and biology majors.

PSYC450 Principles and Strategies of Counseling (3)

Introduces students to the concepts, methods, and skills needed to conduct effective interviews, whether in counseling, social work, human resources, or the ministry. Students gain practical one-on-one listening skills, develop a framework for counseling, and develop competencies in building helping relationships. This course is particularly useful to those who are pursuing a career in the helping professions.

PSYC475 History and Systems of Psychology (3)

Designed as the capstone for the psychology major, students survey the history of psychology within the context of Christianity. Students focus on major theorists and their ideas in relation to the historical context and current psychological issues. Particular attention is given to Biblical and psychological approaches to different aspects of human functioning, including points of agreement and conflict between these approaches. Students will produce a capstone project as the culmination of this course. **Prerequisites:** PSYC110 and senior standing within the major/minor.

PSYC480 Topics in Psychology (1-4)

Examines topics outside the scope of other course offerings. This course addresses a variety of psychology topics that emerge from the issues of the day, the expertise of the instructor, and/or the special interests of the students. The course may be repeated for credit with different topics. **Prerequisites:** PSYC110 or PSYC120 and consent of instructor.

PSYC489 International Study Tour (3)

Designed to enhance the classroom curriculum, this course allows the student to travel to a specific country or region of the United States selected by the professor. The course covers various aspects of the selected country or geographic area. Students engage with a diverse range of people and experience firsthand many aspects of psychology and culture.

PSYC497 Research Opportunity in Psychology (1-3)

Immerses students in the process of conducting psychological research. Students engage in independent or group research under the guidance of a faculty member. This experience is particularly valuable for those students interested in pursuing graduate studies in psychology. One to three credits; students may take a maximum of 3 credits of PSYC497 in one semester and a maximum of 6 credits total. Students may use 3 credits of PSYC497 to fulfill one of the Psychology major electives. **Prerequisites:** PSYC110 or PSYC120 and consent of instructor.

PSYC499 Psychology Internship (1-3)

Provides a psychology-related experience with an approved agency. Students develop and fulfill an individual learning agreement negotiated between the student, department, and work site. Psychology majors only. One to three credits, repeatable up to 6 credits. **Prerequisite:** Consent of instructor.

RELG108 Essentials of Christianity I (2)

Religious Studies 108 is the first semester of study of a general introduction to the study of Christianity. Through selected readings the course focuses on the nature of the essential elements of the Christian faith along with a general background in Biblical history. The intent of the course is not only to familiarize the student with the study of Religion as an academic discipline, but also to lead to a deeper understanding of the Christian faith.

RELG109 Essentials of Christianity II (2)

Religious Studies 109 is the second semester of study of a general introduction to the study of Christianity. Through selected readings the course focuses on the nature of the essential elements of the Christian faith along with a general background in Biblical history. The intent of the course is not only to familiarize the student with the study of Religion as an academic discipline, but also to lead to a deeper understanding of the Christian faith.

RELG110 Introduction to Christianity I (2)

This course is part I of the required sequence for full-time incoming students. It is an introduction to the study of Christianity. Through selected readings, it focuses on the nature of the Christian faith, the gospel, and the doctrines of Christianity. It serves also as an introduction to the academic study of religion and theology.

RELG111 Introduction to Christianity II (2)

This course is part II of the required sequence for full-time incoming students. It is an introduction to the study of Christianity. Through selected readings, it focuses on the nature of the Christian faith, the gospel, and the doctrines of Christianity. It serves also as an introduction to the academic study of religion and theology.

RELG223 The Life of Christ (3)

This is a study of the historicity, person, life, and meaning of Jesus Christ for humanity. A harmony of the four Gospel accounts provides the basic chronology.

RELG224 History of Israel (3)

This course is a survey of the history of the people of Israel from the Patriarchal Age (ca. 2000 BC) through the end of the Old Testament Era and into the Intertestamental Period. Special emphasis is placed on the promises of God, and faith in those promises as the great integrating theme of the Old Testament. The promises find their fulfillment in the Christ of the New Testament.

RELG225 The Gospel According to Isaiah (3)

This course is an introduction to and study of the Book of the Prophet Isaiah. Course content includes: a) an examination of Isaiah's place in the History of Israel and in the larger context of the ancient world; b) the poetics and rhetoric of the book; c) the theology of the book with special emphasis on Messianic prophecy; and d) a basic introduction to major issues in Isaiah scholarship.

RELG226 Acts of the Apostles (3)

Study of the Acts of the Apostles in its historical and biblical context.

RELG227 Paul's Letter to the Roman Christians (3)

A close study of this instructive and interesting letter of St. Paul to the Christians in Rome. The course seeks to develop a deeper appreciation of this epistle both for the richness of its teachings and for its timeliness.

RELG229 Christian Doctrine I (3)

A detailed study of the doctrines of the Bible with reference to their importance for Christian faith and life. Topics include: Scripture, God, Law and Sin, the Person and Work of Christ, Conversion, Faith, Justification, Good Works, and Prayer.

RELG235/MUSC235 Hymnody and Liturgics (3)

The history and development of hymnody and liturgical forms in the Western Church, especially as they relate to the Lutheran Divine Service, pedagogy and devotion. Special emphasis on the chorale and hymnody of the traditions of the Evangelical Lutheran Synod. The course integrates the academic disciplines of music, history, and theology. Course is cross-listed with MUSC235.

RELG300 History of Christian Thought I: Post-Apostolic Fathers to Chalcedon (3)

A survey of major developments in the history of Christian thought, doctrine and practice of the early church, including the Post-Apostolic and Ante-Nicene fathers, Augustine and the Council of Nicea to the Council of Chalcedon.

RELG301 History of Christian Thought II: Chalcedon to 15th Century (3)

A survey of major developments in the history of Christian thought, doctrine, and practice, with a concentration especially on the Latin Church. Western monasticism, and the development of scholastic thought from the Council of Chalcedon to the 15th century.

RELG302 History of Christian Thought III: Enlightenment, Modern, Post Modern (3)

History of Christian Thought III: 17th Century Enlightenment to Modern and Post Modern. A survey of major trends in the history of Christian thought, doctrine, and practice from the late 17th century to the present day, including the influences of Enlightenment thought and fundamentalist reactions to modernist developments.

RELG316 Comparative World Religions (3)

The five major world religions (Judaism, Christianity, Islam, Buddhism, and Hinduism) are examined and discussed. Their central teachings are outlined and compared.

RELG320 Luther: His Ongoing Significance (3)

The Lutheran Reformation is examined through the biography and selected writings of Martin Luther. Chief emphasis is on the years to Luther's death, with an examination of the structure and themes of Luther's thought.

RELG325 Psalms and Wisdom Literature of the Old Testament (3)

This course is an introduction to and survey of the Book of Psalms, the Books of Job and Ecclesiastes, and selected portions of the Book of Proverbs. It examines the origins, literary artistry, theological content, and the use of these books across the ages.

RELG330 Christian Social Thought (3)

Controversial topics in contemporary Christianity are discussed on the basis of Scripture and human reason. Topics include such issues as war, capital punishment, the role of women, science, and sexuality.

RELG335 The Lutheran Confessions (3)

This course studies the Lutheran Book of Concord, the confessions of the Lutheran Church. The course examines the basic historical background of each of the Lutheran Confessional documents; the relationship between Scripture and the Confessional writings; the normative nature and authority of the Book of Concord for Lutheran Church confessional and church life.

RELG340 Apologetics (3)

This course examines the nature and purpose of apologetics theologically, philosophically, historically, scientifically, equipping students to fashion an apologetic within the contemporary postmodern and modern context.

RELG350 Islam (3)

Islam, the fastest growing and second largest world religion, is examined and discussed. Attention is given to its historical roots, major teachings, schisms, and importance in the world today.

RELG360 History of the Christian Church (3)

A survey of the History of the Christian Church from the post-apostolic age to the present. Major emphasis is on the Middle ages, reform movements, and post-Reformation. **Prerequisites:** RELG110 and RELG111.

RELG380 Pauline Literature (3)

Representative letters of the Apostle Paul will be studied in detail. The student will be required to read through all of Paul's letters, but the focus of the course will be a study of selected letters, and will examine various critical issues raised in secondary literature.

RELG382 Johannine Literature (3)

The Gospel of John, John's epistles, and the Revelation to John will be studied in detail. The course will also examine various critical issues raised in secondary literature.

RELG420 The Rhetoric of Religion (3)

A study of religion's use of "multi-modal" strategies words, silence, emotional images, and even smells conditioned by theological assumptions, to persuade. Central attention is given to how secular rhetoric has influenced the Christian tradition.

RELG425 Eastern Religion/Spirituality in America (3)

This course explores the influence of Eastern Religious thought upon American culture beginning in the 19th century and marked by the Watershed 1893 Chicago Parliament of Religions, which encouraged 20th century Ecumenism and the spread of Buddhism, Hinduism Theosophy, Mind Cure, New Age and the contemporary Self-Help Movement.

RELG435 Intertestament Period (3)

This course is an introduction to and survey of the Biblical period from about 500 B.C. to the birth of Christ. The core of the content includes the canonical Books of Ezra, Nehemiah, Esther, Haggai, Zechariah, and Malachi, and the 14 writings commonly referred to as the Apocrypha. The course examines the content of these writings and the historical circumstances out of which they arose.

RELG480 Topics in Religious Studies (3)

Students examine a variety of special religion topics that emerge from present day issues, the expertise of the instructor, and/or the special interests of the students.

RELG489 International Study Tour (3)

Course allows the student to travel to a specific country, selected by the professor, and covers various aspects of the selected country or geographic area.

SARC100 Essential Study Skills (0)

Review of essential study skills needed to increase academic performance. Study skills will address how students learn, what skills are needed to perform well in college, and which strategies work most effectively to master different types of college material.

SCIE320 History and Philosophy of Science (3)

This course examines the social and intellectual foundations of Western science from antiquity to the present. Students will evaluate scientific achievements in their respective historical, philosophical, cultural, and theological contexts, and compare previous scientific understandings to present ones.

SCIE330 Ethics in Science (3)

Students will examine the ethical dimensions of contemporary science, including standards of professional research and principles of biomedical ethics. Informed by both theological and secular moral philosophies, students will explore how the meaning of the human person is challenged by current scientific trends.

SCIE340 Environmental Issues (3)

Overview of environmental processes and the issues that face our society. Emphasis is placed on developing skills to think critically about various environmental issues and to formulate educated opinions about these issues.

SCIE350 Technology in Society (3)

This course is an interdisciplinary look at the advancements technology has made in various disciplines such as biology, chemistry, geology, physics, and computer science. The intent is to promote a positive attitude toward science, mathematics and technology and to develop critical-thinking and problem-solving abilities at increasing levels of complexity.

SCIE375 Theories of Science in the 20th Century (3)

This course explores various philosophies of science developed since the beginning to the twentieth century including, but not limited to, positivism, critical theory, and post positivism. Particular focus will be given to exploring how science works as a social institution and the ramification of this for how we understand the creation of knowledge.

SOCL101 Introduction to Sociology (3)

This course provides a general overview of sociology which includes discussions of the major theories and methods used in sociology today, as well as explores literature discussing major institutions (economics, politics, family, mass media, art, etc.) which constrains and facilitates our behavior.

SOCL104 Cultural Anthropology (3)

Differences in culture, subsistence and technology, kinship and social organizations, political and economic systems, and religion and ideology among the people of the world are examined. Comparisons are made with familiar American culture.

SOCL201 Marriage and the Family (3)

The sociological literature surrounding the family and marriage is examined, primarily exploring how modern/postmodern societies provide the context that shapes how we experience our familial relationships and alter these relationships over time.

SOCL240 Criminal Deviance and Justice (3)

Criminal deviance and the social and legal process of defining crime and punishment are examined. Topics include crime types, criminal careers, theories of crime causation, and an introduction to crime control systems. **Prerequisite:** SOCL101 or SOCL105.

SOCL250 Crossing Cultures in the USA (3)

This course aims to equip students with skills and tools in the art of crossing cultures and to use American culture as the framework within which to practice. To do this, students will explore the orienting principles that guide cross-cultural understanding and the cultural dimensions that influence our everyday thinking and functioning. They will also gain knowledge of the underpinnings of American culture and study topics connected to everyday life and work. In the process, they will contemplate more deeply their own cultural framework and values. Ultimately, the student should be better prepared for future successful interactions with those of another culture living in China or abroad.

SOCL289 International Study Tour (3)

Course allows the student to travel to a specific country, selected by the professor and covers various aspects of the selected country or geographic area.

SOCL290 Comparative Historical Sociology (3)

In this course students will learn how sociologists and other social scientists utilize history to make comparisons between societies. Particularly, this course will display how comparisons between the economic and political institutions of different societies can enlighten our understanding of our own economy and government.

SOCL300 Sociology of Medicine and the Body (3)

How has our perceptions of bodies and medicine changed over time? How could we see our understanding of our bodies as a result of the society in which we live? How can we see medicine as part of modern politics and economics? How may medicine reinforce inequalities? Students will critically engage with these questions and reflect on what it means to practice medicine in modern societies.

SOCL320 Research Methods in Social Sciences (3)

Knowledge of research design, its applications, and responsible conduct in research will be acquired through lecture, discussion, text reading, case study, and a research proposal. Analysis techniques will be introduced.

SOCL330 American Minorities (3)

The values, beliefs, demographics, and cultural patterns of American minorities and U.S. society are examined from historic and contemporary perspectives. Topics include race, ethnicity, gender, social economics, and disabilities.

SOCL335 Collective Behavior and Social Movements (3)

What happens when large groups of people break from expectations and what does it mean for society? In this course students examine this question by exploring the literature and theories explaining crowds, riots, revolutions, and protests.

SOCL341 Social Stratification (3)

This class offers an overview of the causes, processes and consequences of social stratification in society. Attention is given to social inequalities rooted in social class structure, the organization of political power, and social hierarchies based on race and gender differences.

SOCL345 Religion and Society (3)

The nature and role of religion in our increasingly diverse society are examined. The varieties of religious beliefs, forms and practices and the effect of religion on society are discussed.

SOCL351 Sociology of Art and Film (3)

This course explores the interaction between modern societies and artistic productions. Students taking this course will learn to analyze the messages of art and film and how they speak to their social and historical context. In what way does art and film reinforce existing social institutions? Can art transform the world around us? If so, what are the potentials and pitfalls of art for such a transformation?

SOCL405 Continental Philosophy: The Early Foundations of Sociology (3)

This course provides students with an overview of the major figures of 19th and 20th century philosophy and displaying how they provide the background for the social sciences and humanities as they are practiced today. Particularly significant questions provided by these philosophers include: How should we understand historical change? What are the limits of human knowledge? What is the role of human experience in understanding the world around us?

SOCL410 Sociological Theory (3)

This course explores the foundational theories of sociology and their treatment of the transition into modernity and providing a framework for the study of sociology. The historical context of their theories is also examined. Particular focus is given to providing students with a background in the classical canon (Marx, Weber, and Durkhiem).

SOCL420 Contemporary Sociological Theory (3)

In this course students will learn to read, dissect, and interpret contemporary sociological theories. They will learn to identify and develop major themes in sociology during the twentieth and twenty-first centuries. Theories covered will include, but not be limited to, systems theory, critical theory, post-structuralism, and post-modernism.

SOCL435 Death and Dying (3)

This course explores the sociological literature on death as well as the myriad of political-historical factors that have helped shape and influence our ideas, discourses, and practices surrounding death today.

SOCL480 Topics in Sociology (3)

Topics of special interest are presented in a seminar format. Students are expected to participate in special research, classroom discussion and reporting. **Prerequisite:** Consent of instructor.

SOCL489 International Study Tour (3)

Course allows the student to travel to a specific country, selected by the professor, and covers various aspects of the selected country or geographic area.

SOCL497 Independent Research (3)

Students in this course will conduct independent research culminating in an in-depth research paper. They will conduct this research in concert with other students and under the guidance of the course instructor.

SOCL499 Sociology Internship (3-7)

Sociology-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator, and worksite. Sociology majors only. **Prerequisite:** Consent of instructor.

SMNR101 Freshman Seminar (2)

Freshman Seminar is designed to give students the information and skills necessary to succeed in college as well as to examine current and future vocation. This course further seeks to promote an awareness of the goals of Christian higher education as it relates to student growth and commitment to lifelong learning.

SMNR490 Vocational Seminar (2)

Vocational Seminar will allow learners to synthesize key elements of Bethany's Institutional Objectives and apply them to their lives of Christian Vocation. Learners will be asked to develop their understanding of their liberal arts experience, and courses in their major to prepare themselves for their vocational pursuits in work and life. A culminating portfolio project will provide students to opportunity to bring the elements of their Bethany experience together as they transition from academic to professional endeavors.

SPAN101 Beginning Spanish I (4)

This introductory course to Spanish language and culture begins developing the four basic-skills of listening comprehension, speaking, reading, and writing with a focus on meaningful communication in a Spanish setting.

SPAN102 Beginning Spanish II (4)

This is a continuation of Beginning Spanish I. **Prerequisite:** SPAN101 or placement exam.

SPAN203 Intermediate Spanish I (4)

Development of conversational fluency is emphasized while the fundamentals of grammar are reviewed and expanded. Cultural awareness is enhanced through selected readings. **Prerequisite:** SPAN102 or placement exam.

SPAN204 Intermediate Spanish II (4)

This course is a continuation of Intermediate Spanish I. **Prerequisite:** SPAN203 or placement exam.

SPAN280 Topics in Spanish (1)

A course designed to include topics outside the scope of other Spanish course offerings. Course may be repeated with different topics.

SPAN305 Conversation and Literature I (4)

Short literary works stimulate discussion and help to build an understanding and appreciation of Hispanic life and culture, with special attention given to Hispanic life in the United States and Latin America. Selected grammar topics are reviewed and expanded. **Prerequisite:** SPAN204 or placement exam.

SPAN306 Conversation and Literature II (4)

This course is a continuation of Conversation and Literature I. The literary works focus on Latin America in the past 50 years, helping to gain an understanding and appreciation of recent history. Literary terminology and methods of literary interpretation are covered, along with the review of selected grammar topics. **Prerequisite:** SPAN305 or consent of instructor.

SPAN320 History and Culture of Spain (3)

An overview of the history and culture of Spain from pre-history to the present. Topics include art, literature and politics. **Prerequisite:** SPAN306 or consent of instructor.

SPAN330 History and Culture of Latin America (3)

An overview of the history and culture of Latin America from the time of the conquest to the present day. Topics include art, literature, and politics. **Prerequisite:** SPAN306 or consent of instructor.

SPAN340 Survey of the Literature of Spain (3)

A survey of the literature of some of the more important Spanish authors, past and present. **Prerequisite:** SPAN306 or consent of instructor.

SPAN350 Survey of the Literature of Latin America (3)

A survey of the literature of some of the more important Latin American authors, past and present. **Prerequisite:** SPAN306 or consent of instructor.

SPAN480 Topics Course (1-3)

A course designed to include topics outside the scope of other Spanish course offerings. Course may be repeated with different topics.

SPED200 Identification and Assessment for Special Education Services (3)

This course provides students with the knowledge, skills, and understanding of special education assessment issues. Topics to be covered include both formal and informal assessments in special education, the use of assessment to determine special education eligibility, how to use assessment to determine current levels of performance, benchmarks, and progress goals. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED300 Special Education IEP and Transition Planning (4)

Roles and responsibilities of the special education teacher in using data for planning and delivering a range of evidence-based teaching and behavior management methods to meet individual student needs using multidisciplinary team processes. **Prerequisites:** EDUC100, EDUC230, EDUC370.

SPED310 Special Education Law and Advocacy (3)

Procedural safeguards for legal, judicial, medical, and educational systems that serve students with disabilities are studied, which includes due process and transition. **Prerequisites:** EDUC100, EDUC230 and EDUC370.

SPED320 Literacy Assessment and Interventions for Students with Disabilities (4)

Students will learn assessment and intervention techniques to target the reading and writing difficulties experienced by K-12 students struggling with literacy competence. Elements of the course will include the study of the background of methods for teaching reading, writing, listening, thinking and speaking and also strategies for teaching reading comprehension, word recognition, word analysis, and vocabulary. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED340 Behavior Mgmt and Classroom Environments for Students with Disabilities (3)

A course in theories of behavior, functional behavior assessment, and the laws, policies, and ethical principles regarding the planning and implementation of positive behavior supports for students with challenging behavior. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED350 Special Education Practicum I (1)

This practicum prepares students to increase their understanding of special education practices, with a program focus on literacy skills and behavior management. Students are required to complete no less than 30 hours of clinical experience in areas including but not limited to special education evaluation, remediation, and progress monitoring in reading. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED360 Special Education Practicum II (1)

This practicum prepares students to increase their understanding of special education practices, with a program focus on literacy skills and behavior management. Students are required to complete no less than 30 hours of clinical experience in areas including but not limited to special education evaluation, remediation, and progress monitoring in math and content area curriculum. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED370 Consultation, Collaboration and Resources in Special Education (3)

The focus of this course is on communicating and collaborating effectively with parents, administrators, teachers, paraprofessionals, and agency personnel about the special needs of individual students. Investigation includes considering the influence of diversity and language on eligibility, placement decisions, and programming. Candidates will become acquainted with outside agencies, as well as transition needs and services. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED400 Behavioral Methods and Mental Health for Mild to Moderate Disabilities (3)

A study of major clinical perspectives, psychological disorders, terminology, and issues in child and adolescent psychopathology with emphasis on areas of special relevance to educational settings. Included is an investigation of the impact of socioeconomic and psycho-social factors; disabling, associated, or medical conditions, and culturally or linguistically diverse students. Preparing for collaborating with mental health professionals and service providers in serving students having emotional/behavioral disorders. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

SPED401 Methods/Strategies Teaching Students with Mild-Moderate Disabilities (4)

This course is designed to provide an overview for teachers on how to plan and deliver instruction for students with mild to moderate disabilities based on screening, progress monitoring, and diagnostic achievement scores. Emphasis is placed on interpreting achievement data, implementing targeted differentiation, evidence-based interventions, and alternate curricula in general and/or special educational settings. **Prerequisites:** EDUC100, EDUC230, and EDUC370.

THTR100 Production Involvement (1-2)

Credit granted to students submitting at least 30 hours toward a theatrical production. The instructor determines the allotment of credit gauged by the responsibility of the role the student is undertaking. May not be taken in conjunction with other theatre practica. Offered on a credit/no credit basis. May be repeated in the following areas: (a) acting or (b) technical theatre. **Prerequisite:** Consent of instructor.

THTR101 Introduction to Theatre (3)

A class designed to acquaint students with the theatre arts. Play and text readings, the viewing of live performances, critical writing assignments, and group discussion will be utilized to enhance understanding and appreciation for the art as a whole.

THTR102 Acting I (3)

A rudimentary acting course, defining and exercising the actor's tools of expression within the body and voice. These tools are then applied to character structuring through improvisational script analysis and scene work.

THTR103 Shop Activity (1-2)

Credit granted to students submitting at least 30 hours toward a theatrical production. The instructor determines the allotment of credit gauged by the responsibility of the role the student is undertaking. May not be taken in conjunction with other theatre practica. Offered on a credit/no credit basis. May be repeated in the following areas: (a) acting or (b) technical theatre. **Prerequisite:** Consent of instructor.

THTR210 Directing I (3)

A fundamental exploration in the theory and practice of directing theatre, culminating in the production of scenes from dramatic literature. **Prerequisites:** THTR101, THTR102, or consent of instructor.

THTR215 Fundamentals of Stagecraft and Design (3)

An introductory course in contemporary staging techniques, this course is designed to acquaint students with the various elements, techniques and procedures used in stagecraft and theatrical design. This course contains units on aesthetics, tools, safety, scene painting, lighting, construction materials and building techniques.

THTR240 Vocal Production and Interpretation (3)

An introduction to vocal performance with focus primarily on the human voice. This course deals with the vocal performance of various kinds of literature, including poetry and prose, and emphasizes the implementation of textual analysis in order to make performance choices. Commonly used stage dialects will also be examined as tools for interpretation. Basic anatomy of the vocal mechanism and proper techniques for its use is covered.

THTR280 Intermediate Topics in Theatre (3)

An examination of various lower-level topics in theatre. Specific topics will be announced. Repeatable by topic.

THTR300 Theatre Practicum (1-2)

The 300 series practica may be taken for a grade. These practica allow the qualified student the opportunity to apply the techniques they have learned toward an actual stage production. Areas include acting, stage management, light design, scene/prop design, sound design, costume design, and technical theatre. **Prerequisite:** Consent of instructor required.

THTR302 Acting II (3)

An examination of various theories on the art of acting in conjunction with applied character development work. **Prerequisite:** THTR102.

THTR310 Theatre History and Literature I (3)

An historical overview of theatrical activity and plays from its origins to the 1600's. The course will trace developments or changes in practice and major trends and movements that shaped the art through time. Close readings of dramatic literature and study of the contributions of individual theatre artists will supplement the scope of the course. **Prerequisite:** THTR101.

THTR311 Theatre History and Literature II (3)

An historical overview of theatrical activity and plays from the 1600s to the present day. The course will trace developments or changes in practice as well as major trends that shaped theatre through time. Close readings of dramatic literature and study of the contributions of individual theatre artists will supplement the scope of the course. **Prerequisite:** THTR101.

THTR320 Scene Design (3)

Students will explore the craft of designing scenery for theatre and media arts. This will include: creating multiple point perspective drawings, 2D color renderings, and building scale models for both the stage and the camera. Various tools and materials will be explored.

THTR330 Period Style (3)

This course is an examination of the relationship between arts and culture during major periods in history. Visual and conceptual choices are explored as to the ways these relationships are used by directors and designers in the context of theatrical collaboration.

THTR340 Stage Dialects (3)

This course will concentrate on several of the most often needed dialects for the stage and thoroughly utilize the International Phonetic Alphabet (IPA).

THTR360 Lighting Design (3)

Lighting Design is an advanced technical theatre and media arts course exploring the practices and techniques of stage lighting. The course focuses on identifying design elements and emphasizes the design process through classroom exercises and design projects.

THTR380 Sound Design (3)

An overview of how sound is designed, constructed, and implemented for theatre and media arts. This course includes both creative and technical/technological discussions. **Prerequisites:** THTR101, THTR215, or consent of instructor.

THTR381 Advanced Design and Technical Seminar (1-3)

An examination of various topics within technical theatre and design. Specific topics will be announced. **Prerequisite:** THTR215 or consent of instructor.

THTR390 Costume Design (3)

This course will give students a basic understanding of the principles of theatrical costume design and the psychology of clothing. Students develop designs that emerge through a process of visual inspiration, character analysis, and script and directorial concepts. Historical research, design, and rendering skills are fostered through practical exercises and provide tools for students to produce creative projects. Knowledge of fabrics and materials as well as costume history and careers in costume design will also be explored.

THTR410 Directing II (3)

An exploration of the challenges involved in directing non-realistic and period plays. Involves research and analysis of texts followed by an application of directing techniques. Culminates in a production of at least one short scene. **Prerequisite:** THTR210.

THTR420 Dramatic Theory and Criticism (3)

The in-depth study of major writings on theatre and drama throughout the ages. This is a seminar class wherein the student will focus on analyzing varying perspectives of drama and theatre, and writing original criticism. **Prerequisite:** THTR101 or consent of instructor.

THTR430 Playwriting (3)

This course is an introduction to the art of playwriting. Students will explore a variety of play structures and techniques by utilizing various exercises and methods in their own writing, as well as observing the forms of existing plays, both written and performed. Techniques for fostering dramatic ideas in both form and content will be explored throughout the term. Student work will be read and performed in class. **Prerequisites:** THTR101, THTR102, or consent of instructor.

THTR460 Theatre Management (3)

A study of the particular challenges involved in the business of theatre. Includes an examination of the various expenses involved with the theatre art form as well as the means to provide capital to cover these expenses. Includes basic business practices. **Prerequisite:** Consent of instructor.

THTR480 Advanced Topics in Theatre (1-3)

An examination of various topics concerning the contemporary theatre artist. Specific topics to be announced. Repeatable by topic. **Prerequisite:** Consent of instructor.

THTR495 Theatre Capstone (3)

Involves the integration of the various facets of theatre arts into a culminating project. Objectives and goals established by the student and instructor. Deadlines established by the department. **Prerequisite:** Consent of instructor.

VAR101 Varsity Softball (0.5)**VAR102 Varsity Basketball (0.5)****VAR103 Varsity Soccer (0.5)****VAR105 Varsity Volleyball (0.5)****VAR106 Varsity Golf (0.5)****VAR111 Varsity Baseball (0.5)****VAR112 Varsity Tennis (0.5)****VAR114 Varsity Cross Country (0.5)****VAR116 Varsity Indoor Track and Field (0.5)****VAR117 Varsity Outdoor Track and Field (0.5)**

