

# Academic Catalog

## Bethany Lutheran College



Effective August 1, 2024

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The academic calendar is available on our website at [www.blc.edu/academic-calendar](http://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](http://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 104,000. 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](http://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](http://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
Sara Burger-Edwards, JD	Advisory Legal Consultant to the President's Cabinet
Bruce A. Gratz	Vice President of Advancement
Jeff C. Lemke, EdD	Vice President of Admissions and Enrollment Marketing
Jason H. Lowrey, PhD	Vice President of Academic Affairs
Theodore E. Manthe, PhD	Vice President of Student Affairs
Rev. Donald L. Moldstad	Chaplain and Director of Campus Spiritual Life
Daniel L. Mundahl	Senior Vice President of Finance and Administration
Lance W. Schwartz	Chief Communication Officer

## General Officers of the Evangelical Lutheran Synod

Rev. Glenn Obenberger, Mankato, Minnesota, President  
Rev. Craig A. Ferkenstad, Mankato, Minnesota, Secretary

## Board of Regents

Rev. Mark F. Bartels, Chair	Madison, Wisconsin
Rev. David Thompson, Vice Chair	Mankato, Minnesota
Rev. Alexander K. Ring, Secretary	Port St. Lucie, Florida
Steven DePrey	Sun Prairie, Wisconsin
Rev. Erwin J. Ekhoﬀ	New Hope, Minnesota
Aaron Faugstad	Saint Paul, Minnesota

Rev. Aaron Ferkenstad  
Mark D. Madson  
Joshua T. Mears, PsyD  
Timothy D. Roemhildt  
John Scott  
David Sparley

Golden Valley, Minnesota  
Mankato, Minnesota  
Lakeville, Minnesota  
North Mankato, Minnesota  
Vero Beach, Florida  
Tigard, Oregon

### Advisory Members

Pres. Gene R. Pfeifer, PhD, Bethany Lutheran College President  
Rev. Glenn Obenberger Evangelical Lutheran Synod President  
Rev. Timothy Hartwig, Bethany Lutheran Seminary President

Mankato, Minnesota  
Mankato, Minnesota  
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 liberal arts framework throughout a variety of baccalaureate options.

## 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 policy of 1990](#).

Sex discrimination is prohibited by Title IX of the Education Amendments of 1972, a federal law that provides that: “No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance.” The College is required by Title IX and its regulations not to engage in sex discrimination in its education program or activity, including admissions and employment.

Inquiries or complaints about Title IX, sex discrimination, sexual harassment, or other forms of sexual misconduct may be directed to the College’s Title IX Coordinator. Grievance procedures are identified in the College’s [Sexual Misconduct Policy](#). Inquiries or complaints regarding other forms of discrimination may be directed to the Manager of Human Resources.

## 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](http://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. Additional information 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 1 (for spring semester enrollment) or May 1 (for summer 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](http://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 the due dates listed below according to your classification. The College will send fall semester fee statements by July 15, spring semester fee statements by November 15, and summer semester statements by April 10. 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 or file a payment program plan with Bethany 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 qualifying students and their parent(s) to distribute each semester cost over three-month periods from August through October and from January through March.

All domestic students must have their bill paid in full by August 10 (fall semester) or January 10 (spring semester) unless an approved payment is on file. To enroll in the monthly payment plan, file a payment plan prior to July 29 for fall semester or January 1 for spring semester. The student and/or parent(s) will authorize Bethany Lutheran College to deduct one-third of the student's



tuition and other educational costs each month from a checking/savings account or a debit/credit card. If no payment or payment plan has been made on or before August 10 or January 10, a second notice will be sent via email to the registered student letting them know they have 48 hours to make full payment or file a payment plan to avoid termination of classes and on-campus living. The student/parent understands the payment deductions will occur on the 10<sup>th</sup> of each month.

All new international students must have their bill paid in full by June 30 if coming for the fall and November 30 if coming or returning in the spring. If no payment is made by that date, termination of SEVIS will occur before arrival. A new international student is not eligible for a payment plan the first year of attendance. The college will allow a returning international student (who has completed 24 or more credits at Bethany) to apply for a monthly payment plan based on a three-month payment schedule. The fall payment schedule for returning international students is three equal payments due by August 1, September 10, and October 10. The spring payment schedule for returning international students is three equal payments due by January 6, January 27 and February 24. More information can be obtained by contacting the Business Office.

### 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 may 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 minus any financial aid amount returned to the government or Bethany Lutheran College. The following tables show the amount that may be refunded:

<b>Tuition Fall/Spring</b>	<b>Refund</b>
Prior to the 1st day of classes	100%
Day 1-7	100%
Day 8-14	75%
Day 15-21	65%
Day 22-28	50%
After the 28 <sup>th</sup> day	0%

<b>Tuition Summer</b>	<b>Refund</b>
Prior to the 1st day of classes	100%
Day 1	100%
Day 2	80%
Day 3	70%
Day 4	65%
Day 5	50%
After the 5 <sup>th</sup> day	0%

<b>On-campus living</b>	<b>Refund</b>
Prior to the 1st day of classes	100%
Day 1-7	100%
Day 8-14	80%
Day 15-21	60%
Day 22-28	40%
Day 29-35	20%
After the 35 <sup>th</sup> day	0%

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 full-time 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.

### Career Development

The Director of Career Development and the staff of the Career Development Center (CDC) are available to assist students with determining academic pathways, career exploration, choice, and preparation. The CDC is able to aid students in the process of finding and acquiring internships and is equipped to administer career assessments to assist students in defining their academic area of study.

### 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](http://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](http://www.blc.edu/student-right-know).

### 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 work in the form of a paper, project, 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

### Study Abroad

Study abroad serves as a valuable complement to on-campus academic offerings. Students earn academic credit and gain a deeper understanding and appreciation of other cultures and learn about themselves, their own country, and cultural heritage. Early academic planning is essential. The Study Abroad Office offers personalized counseling to guide students through diverse array of semester and summer program options.

### Travel Courses

In addition to the standard curriculum, Bethany offers study tours designed to broaden the student's perspective, deepen understanding, 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.

### Library

The libraries on both the college and seminary campuses serve the research and information needs of the Bethany Lutheran College and Theological Seminary students, faculty, and staff. Each library provides research assistance, computer workstations, comfortable study space, and convenient hours. The collections of the libraries include more than 90,000 print books, over 200,000 eBooks and digital media resources, and 12,000 print and online journal subscriptions that support the academic and research needs of the community. Additionally, the libraries provide access to the collections of fifty other college and university libraries in Minnesota through membership in the MNPALS consortium, as well as nationally through interlibrary loan.

# Academic Policies

## Academic Honors - Dean's List

College leadership creates a dean's list each semester. This recognizes students who have earned a minimum grade point average of 3.5 with at least fourteen academic credits earned in the semester. This honor is recorded on the student's official transcript.

## 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

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 the scale shown below is not demonstrating satisfactory academic progress and will be placed under academic discipline according to the following formula:

<b>Credits Attempted</b>	<b>Cumulative GPA</b>
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

Courses at Bethany are measured in credit hours. Each course carries a specific number of semester credits, reflecting the expected time commitment required. To earn semester credits, students must actively engage 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) per credit hour 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 and students are only allowed to take 2 summer courses (not including an internship) due to the accelerated and online nature of the courses.

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	Excellent	4.00 per credit	D+		1.33 per credit
A-		3.67 per credit	D	Passing	1.00 per credit
B+		3.33 per credit	D-		0.67 per credit
B	Good	3.00 per credit	F	Failing	0.00 per credit
B-		2.67 per credit	I	Incomplete	0.00 per credit
C+		2.33 per credit	CR	Credit	0.00 per credit
C	Average	2.00 per credit	NC	No Credit	0.00 per credit
C-		1.67 per credit	WF	Withdraw Failing	0.00 per credit

**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 =  $(4 \text{ cr.} \times 4.00) = 16$  grade honor/quality points,
  - a B in a two-credit course =  $(2 \text{ cr.} \times 3.00) = 6$  grade honor/quality points,
  - a C- in a three-credit course =  $(3 \text{ cr.} \times 1.67) = 5$  grade honor/quality points,
- Total honor/quality points =  $16+6+5= 27$   
Total credits =  $4+2+3 = 9$   
Grade point average =  $27$  divided by  $9 = 3.0$  GPA

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, but credits for the course will only be earned once. 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

*Sophomore:* 28+ credit hours

*Junior:* 65+ credit hours

*Senior:* 95+ credit hours

Students who have earned 45 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](http://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 15-17 semester hours. Full-time students may register for 12-17 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 17, 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 course permission 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 week of fall or spring semester or the first three days of summer semester, the registration is cancelled. If a withdrawal occurs during weeks 2-10 (fall/spring) or days 4-33 (summer) according to the college's academic calendar, a grade of W (Withdraw) is issued. If a withdrawal takes place during weeks 11-12 (fall/spring) or days 34-40 (summer) according to the college's academic calendar, a grade of WF (Withdraw-Failing) or WP (Withdraw-Passing) is issued. A withdrawal after the 12<sup>th</sup> week (fall/spring) or after day 40 (summer) according to the college's academic calendar will result in an F grade. For specific dates each semester, please see the academic calendar at [www.blc.edu](http://www.blc.edu). 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 ten 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 Advanced 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.

## 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 or developmental course credits are not accepted.

A maximum of 65 transferred semester credits in lower-division coursework 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 120 credits, of which 42 must be upper division credits; complete all requirements of their chosen major; complete the international language requirement; and complete the last 33 semester credit hours on Bethany Lutheran College's campus.

If the student has received an Associates of Arts degree (AA) from a regionally accredited higher institution, then all of the general education requirements at Bethany Lutheran College will be met with the following exceptions: Transfer students with an AA degree or more than 65 credits transferred in will still take SMNR490 Vocational Seminar, RELG108/109 or RELG110/111, and one upper division religion course (RELG3XX OR 4XX). The language requirement will be waived with the successful completion of the AA degree. Students who transfer in at least 24 credits take RELG108/109 or RELG110/111 and two upper-division RELG courses.

*\*Due to the complex nature of both the Education program and the Nursing program, transfer students will need to consult with the desired program director before credits will be accepted.*

### 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:  
Complete two consecutive courses (two semesters - 8 credits) in one non-English language. The language requirement is waived for students who have completed two or more years of a non-English language in high school, or for students who speak English as a second language.
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;
6. Achieve an overall minimum GPA of 2.0, AND
7. Successful completion of an internship or high impact practice within major.

\* 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, 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 120, 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. or B.S.N 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. See *Nursing Major* for B.S.N. requirements.

## 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 History of Israel	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**

GREK305 Intermediate Greek: The New Testament I	3 cr.
GREK306 Intermediate Greek: The New Testament II	3 cr.
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. (12-15 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 (6-9 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 or ENGL110 College Writing I_____	3-6 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 History and Philosophy of Wellness_____	3 cr.
MUSC221 Music History I_____	3 cr.
MUSC222 Music History II_____	3 cr.
PHIL202 Introduction to Philosophy_____	3 cr.
SCIE320 History and Philosophy of Science_____	3 cr.

**Literature (3 Credits):**

Students will be able to:

- Demonstrate the ability to closely 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:

- 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 Introduction to Art_____	3 cr.
ARTS102 2-D Foundations_____	3 cr.
ARTS110 Drawing_____	3 cr.
ARTS114 Painting I_____	3 cr.

ARTS116 Sculpture I	3 cr.
COMM333 Screenwriting	3 cr.
ENGL213 Creative Writing	3 cr.
MART113 Photography I	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 Concert Choir (repeatable)	1-3 cr.
MUSC135 Concert Band (repeatable)	1-3 cr.
MUSC190 Instruction (repeatable)	1-3 cr.
THTR101 Introduction to Theatre	3 cr.
THTR102 Acting I	3 cr.

**Objective #2c: Demonstrate problem-solving skills. (7-9 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:*

- Create, find, and analyze quantitative and qualitative data using logical reasoning skills.
- Articulate a message effectively in oral and written forms, which can lead to further research.
- Demonstrate an understanding of the Scientific Method.

**Mathematics (4 Credits)**

MATH110 Math Problem Solving	4 cr.
MATH115 Quantitative Reasoning	4 cr.
MATH130 Applied Algebra and Trigonometry	4 cr.
MATH151 Calculus I	4 cr.
MATH152 Calculus II	4 cr.

**Science (3-5 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 General, Organic and 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 Credits)**

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

*Students will be able to:*

- 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.
COMM230 Argument and Advocacy	3 cr.
COMM385 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 Introduction 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.
PSYC100 General Psychology	3 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.*
- *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.*
- *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, and/or 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.

COMM389 Intercultural Communication	3 cr.
ECON330 International Economics	3 cr.
ENGL335 African-American Literature	3 cr.
GEOG102 Human Geography	3 cr.
HIST405 Native American History	3 cr.
HIST450 Civil Rights Movement	3 cr.
HLTH240 Current Health Issues	3 cr.
MUSC440 World Music	3 cr.
PLSC106 World Politics	3 cr.
PSYC230 Cross Cultural Psychology	3 cr.
PSYC270 Gender	3 cr.
SOCL330 American Minorities	3 cr.
SPAN211 Introduction to Latin American Identities	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:*

- *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.*

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 between 36 and 45 credits, at least 18 of which are from upper division courses. See the specific major description. Bethany Lutheran College majors are designed to be completed within four years.

<b>Art Education</b>	<b>Health Communication</b>
<b>Arts Administration</b>	<b>Interdisciplinary Studies</b>
<b>Biochemistry</b>	<b>Legal Studies</b>
<b>Biology</b>	<b>Mathematics Education</b>
<b>Business Administration</b>	<b>Mathematics</b>
<b>Chemistry</b>	<b>Media Arts</b>
<b>Communication Arts &amp; Literature Education</b>	<b>Music</b>
<b>Communication</b>	<b>Nursing</b>
<b>Computer Science</b>	<b>Physical &amp; Health Education</b>
<b>Criminal Justice</b>	<b>Psychology</b>
<b>Educational Studies</b>	<b>Religion</b>
<b>Elementary Education</b>	<b>Social Studies Education</b>
<b>Engineering Sciences</b>	<b>Spanish</b>
<b>English</b>	<b>Special Education</b>
<b>Exercise Science</b>	<b>Studio Art</b>
<b>Graphic Design</b>	

## Minors & Certificates

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

<b>Art History</b>	<b>Legal Studies</b>
<b>Arts Administration</b>	<b>Mathematics</b>
<b>Biology</b>	<b>Media Arts</b>
<b>Business Administration</b>	<b>Middle Level Education (Communication Arts &amp; Literature, Mathematics, Science, Social Studies)</b>
<b>Chemistry</b>	<b>Military Science and Leadership</b>
<b>Communication</b>	<b>Music</b>
<b>Communication Disorders</b>	<b>Paralegal Certification</b>
<b>Computer Science</b>	<b>Psychology</b>
<b>ELS Certification (Education Majors only)</b>	<b>Religion</b>
<b>English</b>	<b>Sociology</b>
<b>Exercise Science</b>	<b>Spanish</b>
<b>Graphic Design</b>	<b>Special Education</b>
<b>Health Communication</b>	<b>Studio Art</b>
<b>Information Systems</b>	

# Art Education Major

## Mission Statement

The art education major prepares men and women to integrate their faith while teaching in a variety of settings. An art educator will aspire to develop in each student an interest in and the ability for creative expression in visual terms, using skills and techniques of artistic expression; to develop aesthetic understandings and appreciations; to discover and develop talents of students in the field of art.

## Program Learning Outcomes

Bethany Lutheran College students majoring in art 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.
- Teach knowledge and skills in art, including drawing, painting, lettering, and art history.
- Instruct students in citizenship and basic subject matter specified in state fine arts standards for visual arts.
- 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.
- Provide instruction by which students develop aesthetic concepts and appreciations and the ability to make qualitative judgments about art.
- 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.
- 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.

Students who seek state licensure for K-12 Art Education will complete coursework for a major in both Studio Art and Art Education. Students are required to have an academic advisor in both the Studio Art and Education Departments. In addition to the general education requirements, Art Education majors are required to take and earn **at least a C+ in the listed courses that are bolded** as these courses contain embedded teaching standards.

## Studio Art Coursework

<b>ARTS105 Art History I: Prehistoric to the Gothic Period</b>	<b>3 cr.</b>
<b>ARTS106 Art History II: Renaissance to Realism</b>	<b>3 cr.</b>
ARTS107 Art History III: Modernism	3 cr.
ARTS110 Drawing	3 cr.
<b>ARTS202 3D-Foundation</b>	<b>3 cr.</b>
ARTS290 Professional Practices Seminar	1 cr.
ARTS452 Contemporary Issues in Art	3 cr.
ARTS494 Portfolio / Senior Project	3 cr.
ARTS495 Senior Exhibition	2 cr.
COMM385 Law and Ethics in Media	3 cr.

Choose either 2D or 3D:

### 2-D:

<b>ARTS114 Painting I: Watercolor and Ink</b>	<b>3 cr.</b>
<b>ARTS116 Sculpture I</b>	<b>3 cr.</b>
ARTS211 Life Drawing I	3 cr.
ARTS214 Painting II: Still Life	3 cr.
ARTS312 Digital Illustration / Concept Art I	3 cr.
ARTS314 Painting III: Figure Painting	3 cr.
ARTS324 Painting IV: Landscape	3 cr.

<b>GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary</b>	<b>3 cr.</b>
<b>MART113 Photography I</b>	<b>3 cr.</b>

**3-D:**

<b>ARTS114 Painting I: Watercolor and Ink</b>	<b>3 cr.</b>
<b>ARTS116 Sculpture I</b>	<b>3 cr.</b>
ARTS216 Sculpture II	3 cr.
ARTS316 Sculpture III	3 cr.
<b>GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary</b>	<b>3 cr.</b>
MART325 Stop Motion Animation	3 cr.
MART435 Digital 3D Design and Animation	3 cr.
THTR320 Scene Design	
OR THTR390 Costume Design	3 cr.

## Education Coursework

Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDAR444 Methods in Teaching Middle Level and Secondary Art</b>	<b>3 cr.</b>
EDAR444 CL Methods in Teaching Middle Level and Secondary Art Clinical	0 cr.
<b>EDUC100 Introduction to Education</b>	<b>3 cr.</b>
EDUC100CL Introduction to Education clinical	0 cr.
<b>EDUC230 Educational Psychology and Human Relations</b>	<b>3 cr.</b>
EDUC230CL Educational Psychology and Human Relations Clinical	0 cr.
<b>EDUC370 Introduction to the Exceptional Learner</b>	<b>3 cr.</b>
EDUC370CL Introduction to the Exceptional Learner Clinical	0 cr.
<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<b>3 cr.</b>
EDUC390CL Teaching Reading and Writing in the Content Areas Clinical	0 cr.
<b>EDUC401 Educational Technology and Media</b>	<b>2 cr.</b>
EDUC426 Integrating the Fine Arts in Elementary Education	2 cr.
EDUC426CL Integrating the Fine Arts in Elementary Education Clinical	0 cr.
<b>EDUC450 Curriculum Planning and Assessment</b>	<b>2 cr.</b>
<b>EDUC456 Classroom Management</b>	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience</b>	<b>2 cr.</b>
<b>EDUC495 Student Teaching I</b>	<b>12 cr.</b>
<b>EDUC497 Student Teaching II</b>	<b>4 cr.</b>

**Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:**

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*



As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

## Art History Minor

ARTS105 Art History I: Prehistory to the Gothic Period _____	3 cr.
ARTS106 Art History II: Renaissance to Realism _____	3 cr.
ARTS107 Art History III: Modernism _____	3 cr.
ARTS452 Contemporary Issues in Art _____	3 cr.
ARTSXXX Studio Art Elective _____	3 cr.
HIST111 Ancient Medieval Europe _____	3 cr.
MART475 Avant Garde/Experimental Film _____	3 cr.

# Arts Administration Major

## Mission Statement

The Arts Administration major provides a focused arts and business curriculum to develop employable skill sets necessary to produce and support artistic endeavors and gives value-added experience to students intending to work in non-profit business, specifically in businesses that focus on producing the arts. The wide range of subjects studied encompasses the liberal arts ideal of many disciplines making up the whole, while teaching collaboration and critical thinking. The Arts Administration major complements a variety of majors on campus, including but not limited to Music, Theatre, and Studio Art.

## Program Learning Outcomes

1. Understanding the Arts: To demonstrate an understanding of the artistic literacy of the eras, genres, movements, and historical events pertinent to Art or Music or Theatre, and be able to identify key artists, composers, and/or playwrights and their significant works.
2. Writing: To polish with professional competence business communications, e.g. letters, emails, grant writing, fund-raising appeals, PR and advertising copy, and program notes.
3. Communication: To demonstrate knowledge of the manner in which communication creates, maintains, and transforms relationships and the ability to engage in effective and productive relational communication.
4. Business: To demonstrate knowledge of basic definitions, concepts and relationships in the core areas of management, marketing, and finance.
5. Creating the Arts: To gain an understanding of and empathy for those participating in and creating an art form.

## Entry into the Major

Students should declare Art Administration as their intended major by the end of their first semester sophomore year by filing a Declaration of Major form with the registrar. The student's advisor should be from the Music, Theatre, or Studio Arts Department, corresponding to the student's main interest(s). While intended as a stand-alone major, the Arts Administration major will frequently be completed as part of a double major with one of these three disciplines. **Students must maintain a GPA of 2.8 or above in required and elective coursework for the major. Students must also maintain a cumulative GPA of 2.0 or above.**

BUSN101 Intro to Business \_\_\_\_\_ 3 cr.

MUSC130 Concert Choir  
or MUSC135 Concert Band (repeatable) \_\_\_\_\_ 3 cr.

THTR100 Production Involvement  
or THTR300 Theatre Practicum (repeatable) \_\_\_\_\_ 1-3 cr.

THTR460 Theatre Management \_\_\_\_\_ 3 cr.

ARTS499 Art Internship  
or MUSC499 Music Internship  
or THTR499 Theatre Internship \_\_\_\_\_ 3 cr.

### Choose two of the following courses:

ARTS101 Introduction to Art \_\_\_\_\_ 3 cr.

ARTS105 Art History I: Prehistory to the Gothic Period \_\_\_\_\_ 3 cr.

ARTS106 Art History II: Renaissance to Realism \_\_\_\_\_ 3 cr.

ARTS107 Art History III: Modernism \_\_\_\_\_ 3 cr.

MUSC102 Music Appreciation \_\_\_\_\_ 3 cr.

MUSC221 Music History I: Middle Ages & Renaissance \_\_\_\_\_ 3 cr.

MUSC222 Music History II: Baroque & Classical Eras \_\_\_\_\_ 3 cr.

MUSC321 Music History III: Romantic & Modern Eras \_\_\_\_\_ 3 cr.

THTR101 Introduction to Theatre \_\_\_\_\_ 3 cr.

**Choose two of the following Writing courses:**

BUSN307 Business Communications and Lab	3 cr.
ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.
ENGL313 Advanced Writing	3 cr.

**Choose two of the following Communication courses:**

COMM212 Interpersonal Communication	3 cr.
COMM362 Social Media Communication	3 cr.
COMM370 Organizational Communication	3 cr.
COMM375 Public Relations & Advertising	3 cr.
MISY300 Software Applications	3 cr.
MUSC303 Music Communication and Technology	3 cr.

**Choose two of the following Business courses:**

ACCT210 Accounting I	3 cr.
ACCT211 Accounting II	3 cr.
BUSN310 Principles of Management	3 cr.
BUSN330 Principles of Marketing	3 cr.
BUSN350 Principles of Finance	3 cr.

**Choose two of the following Art courses:**

ARTS102 2D Foundations	3 cr.
ARTS110 Drawing	3 cr.
ARTS202 3D Foundations	3 cr.
GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
MART113 Photography I	3 cr.
MUSC101 Music Fundamentals	3 cr.
MUSC111 Music Theory I	3 cr.
THTR102 Acting I	3 cr.
THTR215 Fundamentals of Stagecraft and Design	3 cr.

## Arts Administration Minor

BUSN101 Introduction to Business	3 cr.
MUSC130 Concert Choir, MUSC135 Concert Band, THTR100 Production Involvement, or THTR300 Theatre Production (all repeatable)	2 cr.
THTR460 Theatre Management	3 cr.
ARTS499 Art Internship or MUSC499 Music Internship or THTR499 Theatre Internship	3 cr.

**One of the following courses:**

ARTS101 Introduction to Art	3 cr.
ARTS105 Art History I: Prehistory to the Gothic Period	3 cr.
ARTS106 Art History II: Renaissance to Realism	3 cr.
ARTS107 Art History III: Modernism	3 cr.
MUSC102 Music Appreciation	3 cr.
MUSC221 Music History I: Middle Ages & Renaissance Eras	3 cr.
MUSC222 Music History II: Baroque & Classical Eras	3 cr.
THTR101 Introduction to Theatre	3 cr.

**One of the following Writing courses:**

BUSN307 Business Communications and Lab	3 cr.
ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.

**Choose one of the following Communication courses:**

COMM212 Interpersonal Communication	3 cr.
COMM362 Social Media Communication	3 cr.
COMM370 Organizational Communication	3 cr.
COMM375 Public Relations & Advertising	3 cr.
MUSC303 Music Communication and Technology	3 cr.

**One of the following Business courses:**

ACCT210 Accounting I	3 cr.
BUSN310 Principles of Management	3 cr.
BUSN330 Principles of Marketing	3 cr.

**One of the following Art courses:**

ARTS102 2D Foundations	3 cr.
ARTS110 Drawing	3 cr.
ARTS202 3D Foundations	3 cr.
GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
MART113 Photography I	3 cr.
MUSC101 Music Fundamentals	3 cr.
MUSC111 Music Theory I	3 cr.
THTR102 Acting I	3 cr.
THTR215 Fundamentals of Stagecraft and Design	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.
PHYS151 College Physics I	
OR PHYS213 General Physics I	4-5 cr.
PHYS152 College Physics II	
OR PHYS214 General Physics II	4-5 cr.

### Required Upper Division Courses:

BIOL352 Immunology	4 cr.
CHEM313 Analytical Chemistry	4 cr.
CHEM323 General Biochemistry	4 cr.
CHEM324 Advanced Biochemistry	3 cr.

## Major Electives

### Minimum of 6 credits from the following courses:

BIOL222 Human Physiology and Lab	4 cr.
BIOL340 Genetics	4 cr.
BIOL350 Cell Biology	4 cr.
BIOL360 Microbiology	4 cr.
CHEM314 Inorganic Chemistry	4 cr.
CHEM353 Physical Chemistry I	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.
CHEM499 Chemistry Internship	1-3 cr.

# Biology Major

## Mission Statement

The biology major prepares students for service of their Lord by providing them with a knowledge of the form and function of living organisms. 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 declare a biology major/minor must achieve a GPA of 2.0 or better in all college coursework, complete BIOL151 and BIOL152 with at least a C- or better and complete an interview with a faculty member in the Biology Department to ensure satisfactory progress and arrange for proper academic advising. A course can be repeated only once to achieve the minimum grade required. Students must take a minimum of 15 credits of upper division biology coursework at Bethany in order to obtain a biology degree.

## Core Requirements

BIOL151 General Biology I _____	4 cr.
BIOL152 General Biology II _____	4 cr.
BIOL340 Genetics _____	4 cr.
BIOL350 Cell Biology _____	4 cr.
BIOL405 Research Proposal _____	1 cr.

## Collateral Requirements

CHEM113 General Chemistry I _____	5 cr.
CHEM114 General Chemistry II _____	5 cr.
MATH120 Introduction to Statistics _____	3 cr.

### Choose one of the following courses:

MATH130 Applied Algebra and Trigonometry _____	4 cr.
MATH151 Calculus I _____	4 cr.

### Choose one of the following courses:

PHYS151 College Physics I _____	4 cr.
PHYS213 General Physics I _____	5 cr.

**Note:** MATH151 Calculus I and CHEM215 Organic Chemistry I are recommended for biology majors pursuing graduate or professional schooling upon graduation.

**^** Students intending to enter careers in medicine, physical therapy, or related fields should plan to take either PHYS151 and PHYS152 or PHYS213 and PHYS214; a year of physics is often required for entry into such professional programs.

**Biology Elective Cluster I: Apologetics** (choose one course)

BIOL375 Trends in Evolutionary Theory _____	3 cr.
SCIE320* History and Philosophy of Science _____	3 cr.
SCIE330* Ethics in Science _____	3 cr.

**Biology Elective Cluster II: Organism & Ecology** (choose one course)

BIOL203 Botany _____	4 cr.
BIOL215 Invertebrate Zoology _____	4 cr.
BIOL216 Vertebrate Zoology _____	4 cr.
BIOL311 Field Ornithology _____	4 cr.
BIOL370 Ecology _____	4 cr.

**Biology Elective Cluster III: Human Biology** (choose one course)

BIOL221 Human Anatomy _____	4 cr.
BIOL222 Human Physiology _____	4 cr.
BIOL352 Immunology _____	4 cr.
BIOL360 Microbiology _____	4 cr.

### Additional Biology Electives

**Complete an additional 7 credits or more from the elective clusters above or the additional electives listed below:**

BIOL280 Medical Terminology _____	3 cr.
BIOL480 Topics in Biology _____	1-4 cr.
CHEM323 General Biochemistry _____	4 cr.
CHEM324 Advanced Biochemistry _____	3 cr.
PHED350 Kinesiology _____	3 cr.
PHED450 Exercise Physiology _____	4 cr.
SCIE340 Environmental Issues _____	3 cr.

*\* Only one course marked with an \* can be taken as an elective for the biology major; others can be taken for credit but **DO NOT** count towards the major*

### Capstone Elective Cluster

**One of the following courses:**

BIOL491 Introduction to Gross Anatomy _____	4 cr.
BIOL498 Biology Independent Research (prerequisite: BIOL405) _____	3-6 cr.
BIOL499 Biology Internship _____	3-6 cr.

## Biology Minor

The Biology Minor requires BIOL151, BIOL152 and a minimum of 15 credits of biology electives. Three courses must be laboratory courses and one course must be upper division. Only one course with a \* may be counted as an elective. **A grade of C- or better must be achieved in all minor coursework.**

**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 \_\_\_\_\_ 15 cr.

# Business Administration Major

## Mission Statement

Bethany's Business Administration major prepares students for leadership roles in both profit and non-profit organizations through rigorous business education. The major develops critical thinking, communication, and business acumen through foundational and advanced course work. Exposure to current ethical, social, political, and economic challenges, along with experiential learning opportunities are provided through the major. The cornerstone of the program is based on Christian stewardship of time, talent, and treasure to serve others in work, church, and community.

## Program Learning Outcomes

- Analyze, apply, and connect Christian ethics for the betterment of themselves, their organization, and stakeholders when faced with personal and professional opportunities or challenges.
- Communicate in an effective, efficient, and professional manner through clear, concise, and confident written and oral communication.
- Demonstrate advanced critical thinking and analytical skills providing both qualitative and quantitative input into critical business decision-making.
- Apply a global perspective to business through an exposure to diversity, sustainability, and corporate social responsibility to contribute to the increasingly interconnected world.
- Contribute to collaboration and teamwork in both leadership and supporting roles by demonstrating highly-developed emotional intelligence skills.
- Demonstrate business acumen, leadership, and strategic thinking through theory, application, and experiential learning.

## Entry into the Major

### Pre-major courses:

MATH115 Quantitative Reasoning or MATH130 Applied Algebra and Trigonometry, or higher	4 cr.
PSYC100 General Psychology or PSYC120 Human Growth and Development	3 cr.

## Core Requirements

### Required lower division courses:

ACCT210 Accounting I	3 cr.
ACCT211 Accounting II	3 cr.
ECON203 Principles of Macroeconomics	3 cr.
ECON204 Principles of Microeconomics	3 cr.
MATH120 Introduction to Statistics	3 cr.

### Required upper division courses:

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 Strategic Management	3 cr.
ECON330 International Economics	3 cr.
MISY300 Software Applications	3 cr.

## Major Electives

Choose 4 elective courses, at least 3 of which must be BUSN courses from the following:

BUSN297 Introduction to Entrepreneurship	3 cr.
BUSN307 Business Communications and Lab	3 cr.
BUSN333 Consumer Behavior	3 cr.
BUSN351 Financial Institutions	3 cr.
BUSN352 Investments	3 cr.



BUSN397 Innovation and Intrapreneurship	3 cr.
BUSN410 Leadership and Organizational Change	3 cr.
BUSN418 Sports Media, Sponsorship, and Sales	3 cr.
BUSN420 Managing Human Resources	3 cr.
BUSN430 Entertainment and Sport Marketing	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN441 Marketing Research	3 cr.
BUSN450 Risk Management	3 cr.
BUSN460 Advanced Finance	3 cr.
BUSN471 Sport Administration	3 cr.
BUSN480 Topics in Business	3 cr.
BUSN497 Entrepreneurial Management and Leadership	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.
GRDS332 Graphic Design III: Introduction to Web and UX Design	3 cr.
LEGL308 Business Law	3 cr.
SOCL320 Research Methods in Social Sciences	3 cr.
SOCL330 American Minorities	3 cr.

### Internship

**Students complete 1 internship (1-3 credits total):**

BUSN499 Business Internship	1–3 cr.
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### Area of Emphasis

#### Entrepreneurship

BUSN297 Introduction to Entrepreneurship	3 cr.
BUSN397 Innovation and Intrapreneurship	3 cr.
BUSN441 Marketing Research	3 cr.
BUSN497 Entrepreneurial Management and Leadership	3 cr.

#### Finance & Investments

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

#### Human Resources Management

BUSN307 Business Communications and Lab or COMM318 Small Group Communication	3 cr.
BUSN410 Leadership and Organizational Change	3 cr.
BUSN420 Managing Human Resources	3 cr.
LEGL308 Business Law or LEGL320 Legal Research and Writing	3 cr.

#### Marketing

BUSN307 Business Communications and Lab or COMM375 Public Relations and Advertising	3 cr.
BUSN333 Consumer Behavior	3 cr.
BUSN431 Integrated Marketing Communication	3 cr.
BUSN441 Marketing Research	3 cr.

### Organizational Leadership

BUSN307 Business Communications and Lab	3 cr.
BUSN352 Investments or BUSN450 Risk Management	3 cr.
BUSN410 Leadership and Organizational Change or BUSN420 Managing Human Resources	3 cr.
LEGL308 Business Law	3 cr.
<i>Recommended:</i>	
SOCL330 <i>American Minorities</i>	3 cr.

### Sport Management

BUSN418 Sports Media, Sponsorship, and Sales	3 cr.
BUSN430 Entertainment and Sport Marketing	3 cr.
BUSN471 Sport Administration	3 cr.
LEGL308 Business Law	3 cr.

## Business Administration Minor

ACCT210 Accounting I	3 cr.
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**Two of the following courses:**

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

**One of the following courses:**

ECON203 Principles of Macroeconomics or ECON204 Principles of Microeconomics	3 cr.
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**Two additional elective courses, one of which must be upper division:**

Any BUSN courses (not already used in the minor)	3 cr.
COMM370 Organizational Communication	3 cr.
ECON330 International Economics	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

Based upon the ACS Guidelines for Undergraduate Professional Education in Chemistry, the following courses are required for the chemistry major. **Any chemistry or supporting course requires a minimum grade of C.**

## 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.
PHYS213 General Physics I	5 cr.
PHYS214 General Physics II	5 cr.

### Required upper division courses:

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

## Major Electives

### Minimum of 6 credits from the following courses:

CHEM314 Inorganic Chemistry	4 cr.
CHEM324 Advanced Biochemistry	3 cr.
CHEM354 Physical Chemistry II	4 cr.
CHEM405 Advanced Organic Chemistry	3 cr.
CHEM480 Topics in Chemistry (may be repeated for credit)	1-4 cr.
CHEM497 Research (arranged)	1-3 cr.
CHEM499 Internship	1-6 cr.

# Chemistry Minor

The chemistry minor will consist of a required foundation of four courses of lower division chemistry and an additional two courses of advanced elective coursework. Any chemistry or supporting course in which the student receives a grade of C– or lower must be repeated. Students who declare a Biochemistry major are not eligible to declare a Chemistry minor.

CHEM113 General Chemistry I	5 cr.
CHEM114 General Chemistry II	5 cr.
CHEM215 Organic Chemistry I	4 cr.
CHEM216 Organic Chemistry II	4 cr.

**Advanced electives – at least 2 of the following courses:**

CHEM313 Analytical Chemistry	4 cr.
CHEM314 Inorganic Chemistry	4 cr.
CHEM323 General Biochemistry	4 cr.
CHEM324 Advanced Biochemistry	3 cr.
CHEM353 Physical Chemistry I	4 cr.
CHEM405 Advanced Organic Chemistry	3 cr.
CHEM480 Topics in Chemistry	1–4 cr.

# Communication Arts & Literature Education Major

## Mission Statement

The communication arts and literature education major prepares men and women to integrate their faith while teaching in a variety of settings. A teacher of communication arts and literature will prepare and provide grade-relevant learning activities that support students in grades 5-12 to learn the principles of the English language including the rules of grammar and syntax, to develop an understanding and appreciation of literature, and to advance abilities in verbal and written communication.

## Program Learning Outcomes

Bethany Lutheran College students majoring in communication arts and literature 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 proficiency in grammar and syntax, vocabulary and word usage and other principles of the English language.
- Demonstrate mastery of skill in writing and composition.
- Instruct students in citizenship and basic subject matter specified in state standards for Communication Arts and Literature.
- 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.
- 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.
- 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.

Students who seek state licensure for 5-12 Communication Arts and Literature will complete coursework for a major in both English and Communication Arts and Literature Education.

Students who seek state licensure for 5-12 Communication Arts and Literature Education will complete coursework for a major in both English and Communication Arts and Literature Education. Students are required to have an academic advisor in both the English and Education Departments. In addition to the general education requirements, Communication Arts and Literature Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards. **COMM111 Fundamentals of Speech** in the general education requirements contains teaching standards and **must be passed with a C+ or better also**.

## English Coursework

<b>ENGL200 Literary Analysis</b>	<b>3 cr.</b>
ENGL210 College Writing II or ENGL313 Advanced Writing	3 cr.
ENGL213 Creative Writing	3 cr.
<b>ENGL220 World Literature</b>	<b>3 cr.</b>
<b>ENGL320 The English Language</b>	<b>3 cr.</b>
ENGL321 Shakespeare	3 cr.
ENGL322 British Literature: 17th and 18th Centuries	3 cr.
ENGL323 British Literature: Romantics and Victorians	3 cr.
ENGL331 Early American Authors	3 cr.
ENGL332 Modern American Authors	3 cr.
ENGL335 African-American Literature	3 cr.
<b>ENGL350 Literary Theory</b>	<b>3 cr.</b>
ENGL370 Christian Writers	3 cr.
ENGL493 Senior Seminar in Literature I	1.5 cr.
ENGL494 Senior Seminar in Literature II	1.5 cr.
Two additional ENGL electives (2xx, 3xx, or 4xx and no more than ONE 200 level course)	6 cr.

## Education Coursework

Education Majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>COMM240 Introduction to Mass Media</b>	<b>3 cr.</b>
<b>EDEN444 Methods in Teaching Middle and Secondary Communication Arts and Literature</b>	<b>3 cr.</b>
EDEN444 CL Methods in Teaching Middle and Secondary Communication Arts and Literature Clinical	0 cr.
<b>EDUC100 Introduction to Education</b>	<b>3 cr.</b>
EDUC100CL Introduction to Education Clinical	0 cr.
<b>EDUC230 Educational Psychology and Human Relations</b>	<b>3 cr.</b>
EDUC230CL Educational Psychology and Human Relations Clinical	0 cr.
<b>EDUC370 Introduction to the Exceptional Learner</b>	<b>3 cr.</b>
EDUC370CL Introduction to the Exceptional Learner Clinical	0 cr.
<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<b>3 cr.</b>
EDUC390CL Teaching Reading and Writing in the Content Areas Clinical	0 cr.
<b>EDUC401 Educational Technology and Media</b>	<b>2 cr.</b>
<b>EDUC450 Curriculum Planning and Assessment</b>	<b>2 cr.</b>
<b>EDUC456 Classroom Management</b>	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience</b>	<b>2 cr.</b>
<b>EDUC495 Student Teaching I</b>	<b>12 cr.</b>
<b>EDUC497 Student Teaching II</b>	<b>4 cr.</b>
<b>SOCL330 American Minorities</b>	<b>3 cr.</b>

### Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

# Communication Major

## Mission Statement

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.

**Pre-major requirements** (ordinarily taken in the first two years of college):

COMM111 Fundamentals of Speech	3 cr.
COMM212 Interpersonal Communication	3 cr.
COMM215 Competitive Debate or COMM230 Argument and Advocacy	3 cr.
COMM240 Introduction to Mass Media	3 cr.
ENGL100 and 101 Stretch Composition I and II or ENGL110 College Writing	3-6 cr.
ENGL210 College Writing II	3 cr.
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 credits required)	3 cr.

## 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 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:

COMM215 Competitive Debate	3 cr.
COMM230 Argument 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 COMM courses \_\_\_\_\_ 6 cr.



# 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's 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)

*Recommended: AMSL102 and 102 American Sign Language are 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

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 both **COMS103** and **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:

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	1-4 cr.

## Collateral Requirements

In addition to the core courses, the following collateral courses are required:

MATH120 Introduction to Statistics or MATH325 Advanced Probability and Statistics	3-4 cr.
MATH151 Calculus I	4 cr.
MATH330 Discrete Mathematics	3 cr.
PHYS151 † College Physics I with Lab or PHYS213 General Physics I with Lab	4-5 cr.

\* *Completion of MATH152, MATH243, and MATH 295 would earn the student a Mathematics minor.*

† *PHYS151 or PHYS231 also fulfill the laboratory science requirement under the Common General Education Core Curriculum – Objective #2: Demonstrate problem-solving skills.*

## Major Electives

**Four of the following elective courses** (at least 2 must be COMS courses):

COMS210 Internet Programming	3 cr.
COMS324 Data Modeling	3 cr.
COMS340 Programming Languages	3 cr.
COMS442 Software Architecture	3 cr.
COMS480 Topics in Computer Science	3 cr.
MISY440 Project Management	3 cr.
SCIE320 History and Philosophy of Science	3 cr.
SCIE330 Ethics in Science	3 cr.
SCIE350 Technology in Society	3 cr.

## Electives from Other Areas

**Two of the following electives:**

BUSN307 Business Communications and Lab	3 cr.
COMM318 Small Group Communication	3 cr.
GRDS332 Graphic Design III: Introduction to Web and UX Design	3 cr.
MART295 Intro to Broadcast Media	3 cr.
MART297 Audio/Video Production	3 cr.
MART330 Motion Graphics Design	3 cr.
MART397 Advanced Audio/Video Production	3 cr.
MATH351 Linear Algebra	3 cr.
MUSC303 Music Communication and Technology	3 cr.

## Computer Science Minor

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 (minimum of 6 credits):**

Any 300 or 400 level COMS course or MISY440 Project Management	6 cr.
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# Criminal Justice Major

## Mission Statement

The mission of the Criminal Justice program is to provide students with comprehensive, practical, and professional knowledge of the Criminal Justice System from a Christian worldview. The Criminal Justice program prepares students for careers in policing, corrections, probation, and other law-related careers while adhering to biblical moral principles and values. The Criminal Justice major seeks to increase the cultural competency of those involved in the criminal justice system in America.

## Program Learning Outcomes

Criminal justice students will:

1. Demonstrate a critical understanding of the history of criminal justice and the criminal justice system from a local, national, and global perspective.
2. Develop a fundamental commitment to ethical analysis, research, and practice and will demonstrate the ability to apply these principles from a Christian worldview.
3. Demonstrate essential qualifications for employment in the criminal justice field, and related occupations that include the mastery of core criminal justice principles and the ability to think critically and to speak and write effectively within the field.
4. Demonstrate cultural competency that will allow them to safely and respectfully perform their sworn duties from a Christian perspective

## Core Requirements

LEGL105 Introduction to Criminal Justice	3 cr.
LEGL205 Community Policing	3 cr.
SOCL240 Criminal Deviance and Justice	3 cr.

## Upper Division Requirements

LEGL306 Evidence	3 cr.
LEGL405 Criminal Law	3 cr.
LEGL499 Internship	1-3 cr.

## Cultural Competency Requirements

Choose 4 of the following:

COMM389 Intercultural Communication	3 cr.
GEOG102 Human Geography	3 cr.
HIST370 Imperialism	3 cr.
HIST405 Native American History	3 cr.
HIST450 Civil Rights	3 cr.
PSYC230 Cross Cultural Psychology	3 cr.
PSYC350 Abnormal Psychology	3 cr.
SPAN211 Introduction to Latin American Identities	3 cr.
SOCL330 American Minorities	3 cr.

## Electives

In addition to the core courses, choose 3 of the following:

COMM230 Argument and Advocacy	3 cr.
COMM385 Law & Ethics in Media	3 cr.
HIST470 Constituents and Its People	3 cr.
LEGL210 Introduction to Legal Studies	3 cr.
LEGL308 Business Law	3 cr.
LEGL320 Legal Research & Writing	3 cr.
LEGL460 Legal Procedures	3 cr.
LEGL470 Family Law	3 cr.
PHIL204 Ethics	3 cr.

# 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, effectively plan, prepare, and execute lessons, work collaboratively and 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, and 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 120 credits.

## Educational Studies Core Requirements

EDUC100 Introduction to Education _____	3 cr.
EDUC100 CL Introduction to Education Clinical _____	0 cr.
EDUC212 Foundations of Literacy _____	3 cr.
EDUC230 Educational Psychology and Human Relations _____	3 cr.
EDUC230 CL Educational Psychology and Human Relations Clinical _____	0 cr.
EDUC370 Introduction to the Exceptional Learner or SPED200 Identification and Assessment for Special Education Services _____	3 cr.
EDUC370 CL Introduction to the Exceptional Learner Clinical _____	0 cr.
EDUC401 Educational Technology _____	3 cr.
EDUC450 Curriculum Planning and Assessment _____	2 cr.
EDUC456 or SPED340 Classroom Management _____	3 cr.
EDUC499 Educational Studies Internship _____	1-12 cr.
SPED350 Practicum I _____	1 cr.

### Additional major requirements:

- A minimum of 21 credits of EDUC or SPED courses
- Elective courses of choice to attain the minimum 120 credits for graduation

# Elementary Education 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
- Science
- Social Studies

## Entry into Major

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

- Successful completion of 16 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 Requirements

Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>BIOL101 Principles of Biology</b>	<b>4 cr.</b>
<b>COMM111 Fundamentals of Speech</b>	<b>3 cr.</b>
<b>ECON203 Principles of Macroeconomics</b>	<b>3 cr.</b>
ENGL110 College Writing	3 cr.
<b>GEOG101 Physical Geography</b>	<b>3 cr.</b>
HIST207 History of USA I or HIST 208 History of USA II	3 cr.
<b>HIST111 Ancient Medieval Europe</b>	<b>3 cr.</b>
<b>MATH110 Math Problem Solving</b>	<b>4 cr.</b>
Objective 2a Literature	3 cr.
Objective 2b Arts (visual/performing art)	3 cr.
Objective 2b Music	3 cr.

RELG108 Essentials of Christianity I and RELG109 Essentials of Christianity II or RELG110 Introduction to Christianity I and RELG111 Introduction to Christianity II _____	4 cr.
RELG electives (200 level) _____	3 cr.
RELG electives (300 and 400 level) _____	3 cr.
RELG330 Christian Social Thought _____	3 cr.
SMNR101 Freshman Seminar _____	2 cr.
<b>SOCL330 American Minorities</b> _____	<b>3 cr.</b>

## Professional Education Core Requirements

Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC100 Introduction to Education</b> _____	<b>3 cr.</b>
EDUC100 CL Introduction to Education Clinical _____	0 cr.
<b>EDUC212 Foundations of Literacy</b> _____	<b>3 cr.</b>
<b>EDUC230 Educational Psychology and Human Relations</b> _____	<b>3 cr.</b>
EDUC230 CL Educational Psychology and Human Relations Clinical _____	0 cr.
<b>EDUC315 Teaching Health and Human Performance</b> _____	<b>3 cr.</b>
EDUC315 CL Teaching Health and Human Performance Clinical _____	0 cr.
<b>EDUC320 Early Literacy</b> _____	<b>4 cr.</b>
EDUC320 CL Early Literacy Clinical _____	0 cr.
<b>EDUC325 Intermediate Literacy</b> _____	<b>3 cr.</b>
EDUC325 CL Intermediate Literacy Clinical _____	0 cr.
<b>EDUC342 Methods of Elementary Social Studies</b> _____	<b>1 cr.</b>
<b>EDUC360 Teaching Science in Elementary Classrooms</b> _____	<b>3 cr.</b>
EDUC360 CL Teaching Science in Elementary Classrooms Clinical _____	0 cr.
<b>EDUC370 Introduction to the Exceptional Learner</b> _____	<b>3 cr.</b>
EDUC370 CL Introduction to the Exceptional Learner Clinical _____	0 cr.
<b>EDUC401 Educational Technology and Media</b> _____	<b>2 cr.</b>
<b>EDUC426 Integrating the Fine Arts in Elementary Education</b> _____	<b>2 cr.</b>
EDUC426 CL Integrating the Fine Arts in Elementary Education Clinical _____	0 cr.
<b>EDUC430 Teaching Mathematics</b> _____	<b>4 cr.</b>
EDUC430 CL Teaching Mathematics Clinical _____	0 cr.
<b>EDUC450 Curriculum Planning and Assessment</b> _____	<b>2 cr.</b>
<b>EDUC456 Classroom Management</b> _____	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience</b> _____	<b>2 cr.</b>
<b>EDUC495 Student Teaching I</b> _____	<b>12 cr.</b>
<b>EDUC497 Student Teaching II</b> _____	<b>4 cr.</b>

### Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

## Evangelical Lutheran Synod (ELS) Certification Courses

Students completing the ELS Certification coursework are eligible for calls into the ELS and WELS teaching ministry.

EDUC400 Teaching the Christian Faith_____	3 cr.
EDUC400 CL Teaching the Christian Faith Clinical_____	0 cr.
RELG223 The Life of Christ_____	3 cr.
RELG224 History of Israel_____	3 cr.
RELG229 Christian Doctrine_____	3 cr.
RELG330 Christian Social Thought_____	3 cr.
RELG335 The Lutheran Confessions_____	3 cr.
RELG380 Pauline Literature or RELG382 Johannine Literature_____	3 cr.

*Note: Students seeking ELS certification should enroll in MUSC235 as the Education Music requirement.*



# 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 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 identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

## Entry into the Major

A student may be admitted into the Engineering Sciences Major after completing the following requirements:

1. Achieved a **cumulative GPA of 2.5 or higher**.
2. Achieved a **grade of C or better** in ENSC 101, MATH151, MATH152, PHYS213, and PHYS214.
3. Secured an advisor within the engineering sciences major.

## Dual Track Major Requirements – Biomedical and Mechanical Engineering

To earn a Major in Engineering Sciences with a dual concentration in Biomedical Engineering and Mechanical Engineering, a student must meet the following requirements::

1. Achieve a **cumulative GPA of 2.5 or higher** in all college coursework.
2. Achieve a **grade of C- or better** in the Core Requirements of both Biomedical and Mechanical Engineering Tracks of the major. A course may only be repeated once to achieve the minimum grade.
3. Achieve a grade of C- or better in the electives of both the Biomedical and Mechanical Engineering Tracks of Major. A minimum of 12 total elective credits will be required. A course may only be repeated once to achieve the minimum grade.

**Pre-major required courses (grade of C or higher required):**

ENSC101 Introduction to Engineering _____	3 cr.
MATH151 Calculus I _____	4 cr.
MATH152 Calculus II _____	4 cr.
PHYS213 General Physics I _____	5 cr.
PHYS214 General Physics II _____	5 cr.

## Major Core Requirements

COMS103 Introduction to Programming I _____	3 cr.
ECON203 Principles of Macroeconomics or ECON204 Principles of Microeconomics _____	3 cr.
ENSC313 Statics and Dynamics _____	4 cr.
ENSC314 Introduction to Electronic and Electrical Circuits _____	4 cr.
ENSC321 Introduction to Fluid Mechanics and Transport Processes _____	3 cr.
ENSC323 Solid Mechanics _____	3 cr.
ENSC381 Engineering Thermodynamics _____	4 cr.
ENSC491 Introduction to Computer-Aided Design and Computer-Aided Engineering _____	4 cr.
MATH243 Multivariable Calculus _____	4 cr.
MATH260 Differential Equations _____	3 cr.
PHIL331 History of Western Philosophy II or SCIE320 History and Philosophy of Science or SCIE330 Ethics in Science _____	3 cr.

## Biomedical Engineering Track

### Core Requirements

BIOL221 Human Anatomy _____	4 cr.
BIOL222 Human Physiology _____	4 cr.
CHEM113 General Chemistry I _____	5 cr.

### Electives

**Choose a minimum of 6 credits:**

BIOL350 Cell Biology _____	4 cr.
BIOL352 Immunology _____	4 cr.
BIOL360 Microbiology _____	4 cr.
BIOL491 Introduction to Gross Anatomy _____	4 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.
ENSC499 Engineering Internship _____	1-3 cr.
MATH325 Advanced Probability and Statistics _____	4 cr.
MISY440 Project Management _____	3 cr.

## Mechanical Engineering Track

### Core Requirements

ENSC490 Materials Science and Engineering _____	3 cr.
MATH351 Linear Algebra _____	3 cr.

### Electives

**Choose a minimum of 6 credits:**

ENSC480 Topics in Engineering Science _____	1-4 cr.
ENSC499 Engineering Internship _____	1-3 cr.
MATH325 Advanced Probability and Statistics _____	4 cr.
MATH385 Mathematical Modeling _____	3 cr.
MISY440 Project Management _____	3 cr.

# English Major

## 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.

## 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.

## 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 correctly identify 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

In order to be admitted to the English major by the English department, students must first pass the following pre-major courses:

### Pre-major required courses (minimum grade of C):

ENGL100 and 101 Stretch Composition I and II  
or ENGL110 College Writing I \_\_\_\_\_ 3-6 cr.  
ENGL200 Literary Analysis \_\_\_\_\_ 3 cr.

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

## Core Requirements

(after acceptance into the English major)

ENGL210 College Writing II  
or ENGL213 Creative Writing \_\_\_\_\_ 3 cr.  
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: Romantics and Victorians \_\_\_\_\_ 3 cr.  
ENGL331 Early American Authors \_\_\_\_\_ 3 cr.  
ENGL332 Modern American Authors \_\_\_\_\_ 3 cr.  
ENGL335 African-American Literature \_\_\_\_\_ 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.
ENGL499 English Internship	1-3 cr.

### Major Electives

**Choose 2 of the following not already taken above, with a maximum of 1 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.
ENGL326 The Life and Writings of Charles Dickens	3 cr.
ENGL480 Topics in Literature and Language	3 cr.
A study abroad semester (includes a substantive written and/or professional component)	3-6 cr.

### Required Minor or Concentration

English majors must also fulfill the requirements for a minor or a concentration (excluding the English minor with Literary Studies Emphasis and excluding an English concentration). However, English majors may fulfill this requirement by selecting the English minor with Multimedia-Writing Emphasis.

## English Minor

### Multimedia-Writing Emphasis

Students who major in English MAY select the English Minor with Multimedia-Writing Emphasis to fulfill their requirement for a minor or a concentration.

#### Required Courses

COMM102/302 Journalism Practicum, Newspaper (Repeatable)	
and/or ENGL102/302 English Practicum, Literary Magazine (Repeatable)	3 cr.
ENGL210 College Writing II	3 cr.
ENGL213 Creative Writing	3 cr.
ENGL312 Reading as Writers across Media	3 cr.
ENGL313 Advanced Writing	3 cr.
ENGL320 The English Language	3 cr.
GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
GRDS332 Graphic Design III: Introduction to Web and UX Design	3 cr.

**Note:** Students should consult with an English advisor regarding additional writing courses that may support a student's academic and professional goals.

## Literary Studies Emphasis

Students who major in English MAY NOT minor in the English minor with Literary Studies Emphasis to fulfill their requirement for a minor or a concentration.

### Required Courses

ENGL200 Literary Analysis	3 cr.
<i>Note: ENGL200 Literary Analysis is not waived for English minors who transfer in an equivalent course.</i>	
ENGL205 Introduction to Fiction or ENGL230 Introduction to Contemporary Literature	3 cr.
ENGL210 College Writing II or ENGL213 Creative Writing	3 cr.
ENGL320 The English Language	3 cr.
ENGL322 British Literature: 17th and 18th Centuries or ENGL323 British Literature: Romantics and Victorians	3 cr.
ENGL331 Early American Authors or ENGL332 Modern American Authors	3 cr.
ENGL350 Literary Theory	3 cr.
ENGL370 Christian Writers	3 cr.

### Emphasis Electives

**Choose one of the following:**

One English course at the 300- or 400- level not already taken above	3 cr.
COMM102/302 Journalism Practicum, Newspaper (repeatable)	3 cr.
ENGL102/302 English Practicum, Literary Magazine (repeatable)	3 cr.
A study abroad semester (includes a substantive written and/or professional component)	3-6 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, holistic 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

### One of the following courses:

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.
HLTH201 Nutrition	3 cr.
HLTH206 Advanced First Aid	3 cr.
HLTH240 Current Health Issues	3 cr.
PHED217 Lifetime Health and Fitness	3 cr.

### Required upper division courses: (minimum grade of C-)

HLTH330 History and Philosophy of Wellness	3 cr.
PHED310 Motor Learning and Behavior	3 cr.
PHED350 Kinesiology (prerequisite: BIOL221)	3 cr.
PHED475 Research and Writing in Exercise Science (prerequisite PHED460 or consent of instructor)	3 cr.

**Required upper division courses with BIOL221 and 222 as prerequisites: (minimum grade of C-)**

BIOL491 Introduction to Gross Anatomy_____	4 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.
PHED485 Advanced Exercise Science Issues (prerequisite: PHED460)_____	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

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 or Media Arts departments. A major application form may be obtained from your faculty advisor. In order to gain admittance to, and graduate with, the graphic design major, students must maintain a GPA of 2.7 or above in all coursework required by the major.

## Junior Review

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

## Requirements

### Foundations:

ARTS102 2-D Foundations _____	3 cr.
ARTS290 Professional Practices Seminar _____	1 cr.
GRDS230 Introduction to Graphic Design: Tools, Methodology, and Vocabulary _____	3 cr.
MART113 Photography I _____	
or MART297 A/V Production _____	3 cr.

### Studio:

ARTS312 Digital Illustration/Concept Art I _____	3 cr.
GRDS330 Advanced Graphic Design _____	3 cr.
GRDS332 Introduction to Web and UX Design _____	3 cr.
GRDS336 Design Across Media _____	3 cr.
MART330 Motion Graphics Design _____	3 cr.
MART435 Digital 3D Design and Animation _____	3 cr.

### Historical Perspective:

ARTS105 Art History I: Prehistory to Gothic Period _____	
or ARTS106 Art History II: Renaissance to Realism _____	3 cr.
ARTS107 Art History III: Modernism _____	3 cr.
COMM240 Introduction to Mass Media _____	3 cr.

### Theoretical and Critical Analysis:

ARTS452 Contemporary Issues in Art _____	3 cr.
COMM385 Law and Ethics in Media _____	3 cr.

### Capstone/Senior Project:

GRDS494 Graphic Design Senior Project/Capstone _____	2 cr.
GRDS495 Graphic Design Senior Exhibition _____	2 cr.



**Internship**

GRDS499 Graphic Design Internship \_\_\_\_\_ 1-4 cr.

***Recommended Electives:***

ARTS110 Drawing \_\_\_\_\_ 3 cr.  
BUSN101 Introduction to Business \_\_\_\_\_ 3 cr.  
BUSN330 Principles of Marketing \_\_\_\_\_ 3 cr.  
COMS103 Computer Programming I \_\_\_\_\_ 3 cr.  
COMM325 Processes of Criticism \_\_\_\_\_ 3 cr.  
COMM360 Visual Communication \_\_\_\_\_ 3 cr.  
COMM475 Media Ecology \_\_\_\_\_ 3 cr.  
ENGL312 Reading as Writers Across Media \_\_\_\_\_ 3 cr.  
MART290 Introduction to Animation \_\_\_\_\_ 3 cr.

## Graphic Design Minor

ARTS102 2-D Foundations \_\_\_\_\_ 3 cr.  
ARTS290 Professional Practices \_\_\_\_\_ 1 cr.  
COMM240 Intro to Mass Media \_\_\_\_\_ 3 cr.  
GRDS230 Introduction to Graphic Design: Tools, Methodology, and Vocabulary \_\_\_\_\_ 3 cr.  
GRDS330 Advanced Graphic Design \_\_\_\_\_ 3 cr.  
GRDS332 Introduction to Web and UX Design \_\_\_\_\_ 3 cr.  
GRDS336 Design Across Media \_\_\_\_\_ 3 cr.  
MART330 Motion Graphics Design \_\_\_\_\_ 3 cr.

# Health Communication Major

## Mission Statement

Health Communication is an exciting and emerging field of interest and interdisciplinary study. 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. Students 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. The Health Communication major aims to 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.
HLTH201 Nutrition	3 cr.
HLTH240 Current Health Issues	3 cr.
HLTH330 History and Philosophy of Wellness	3 cr.
PSYC100 General Psychology	
or PSYC 120 Human Growth and Development	3 cr.

## Health Communication Tracks

Choose one of the following tracks:

### Counseling/Social Work Track:

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

### Health Care Administration and Public Policy Track:

BUSN450 Risk Management	3 cr.
COMM370 Organizational Communication	3 cr.
LEGL470 Family Law	3 cr.

### Public Health Campaigns Track:

BUSN431 Integrated Marketing Communication	
or COMM375 Public Relations and Advertising	3 cr.
GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
GRDS336 Graphic Design IV: Design for Multimedia	3 cr.
MART295 Introduction to Broadcast Media	3 cr.

### Sociology and Public Service Track:

GRDS230 Graphic Design I: Tools, Methodology, and Vocabulary	3 cr.
GRDS336 Graphic Design IV: Design for Multimedia	3 cr.
MART295 Introduction to Broadcast Media	3 cr.
PSYC325 Psychology of Child Development	
or SOCL435 Death and Dying	3 cr.

## Health Communication Minor

COMM212 Interpersonal Communication	3 cr.
COMM330 Introduction to Health Communication	3 cr.
COMM430 Health Communication Theory and Research	3 cr.
HLTH201 Nutrition	3 cr.
HLTH240 Current Health Issues	3 cr.
HLTH330 History and Philosophy of Wellness	3 cr.
PSYC100 General Psychology or PSYC120 Human Growth and Development	3 cr.

## Information Systems Minor

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 courses:**

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.
GRDS332 Graphic Design III: Introduction to Web and UX Design	3 cr.
MART397 Advance A/V Production	3 cr.
MUSC303 Music Communication and Technology	3 cr.
SCIE350 Technology in Society	3 cr.

# Interdisciplinary Studies Major

## Mission Statement

The interdisciplinary studies major at Bethany Lutheran College provides students a flexible program of study in the Christian liberal arts that explores rich and complex interactions between disciplines. Students learn to integrate knowledge across disparate fields of inquiry, communicate clearly and creatively, and practice ethical and moral discernment through the lens of Scripture. The goal is to help students employ knowledge and skills effectively within and through various vocations in love for God and in service to their neighbor. In short, the major aims to foster faith seeking understanding for service.

## Program Learning Outcomes

Earning a Bachelor of Arts in Interdisciplinary Studies from Bethany Lutheran College affirms the graduate is able to:

1. **Demonstrate critical integrative thinking** by synthesizing the theories, methods, and analytical frameworks of multiple disciplinary emphases.
2. **Practice applied learning** by employing cross-disciplinary tools to interrogate enduring issues and answer complex questions.
3. **Apply Biblical truth and ethical reasoning** to difficult problems that span disciplinary boundaries.
4. **Communicate clearly** using oral and written forms for a variety of audiences, in diverse settings, and utilizing multiple media formats.

## Entry into the Major

The independent character of the Interdisciplinary Studies major requires careful planning, focus, motivation, and reflection. Interested students must first take INST201: Introduction to Interdisciplinary Studies, which serves as an orientation to the program, as well as the context in which students define their course of study, known as an Interdisciplinary Pathway. In preparing and proposing an Interdisciplinary Pathway, students lay out their rationale and goals, precise courses to be taken, and potential interdisciplinary capstone projects to culminate their course of study. Additionally, the following qualifications are necessary for acceptance into the major.

- An overall GPA of 3.0
- A grade of B or above in INST201: Introduction to Interdisciplinary Studies
- Formal approval of an Interdisciplinary Pathway by the program coordinator and at least one faculty member in each discipline of emphasis

## Core Requirements

A major in Interdisciplinary Studies requires the completion of 37 credits, beginning with a 1-credit foundational seminar (INST201), continuing with 30 upper-division credits with a focus in at least two, and at most three, different disciplines, and culminating in a 6-credit capstone experience. Interdisciplinary Studies majors must maintain a 2.5 average GPA (C+) in courses chosen for their Interdisciplinary Pathway. No more than 6 credits may be used to fulfill program requirements simultaneously in an additional major, minor, or certificate program.

### Major Requirements

INST201 Introduction to Interdisciplinary Studies \_\_\_\_\_ 1 cr.

INST498 Portfolio and Showcase (in final semester) \_\_\_\_\_ 0 cr.

Select one of the following Interdisciplinary Pathways: \_\_\_\_\_ 30 cr.

Pathway A: Select a minimum of 12 upper-division credits from each of any two disciplines

Pathway B: Select a minimum of 9 upper-division credits from each of any three disciplines

Any remaining upper-division credits may be taken from any discipline that complements the students Interdisciplinary Pathway.

**Capstone:** (One of the following pathways; 6 credits)

INST497 Independent Research \_\_\_\_\_ 3 cr.

INST499 Interdisciplinary Studies Internship (after completing at least 50% of Pathway requirements) \_\_\_\_\_ 3 cr.

OR

INST499: Interdisciplinary Studies Internship (after completing at least 50% of Pathway requirements) \_\_\_\_\_ 6 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 Requirements

#### **Required Courses:**

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

#### **One of the following courses:**

COMM230 Argument and Advocacy \_\_\_\_\_ 3 cr.  
LEGL308 Business Law \_\_\_\_\_ 3 cr.  
PHIL201 Logic and Critical Thinking \_\_\_\_\_ 3 cr.

#### **One of the following courses:**

LEGL100 Mock Trial (repeatable) \_\_\_\_\_ 3 cr.  
PHIL202 Introduction to Philosophy \_\_\_\_\_ 3 cr.  
PHIL204 Ethics \_\_\_\_\_ 3 cr.

#### **One of the following courses:**

ECON203 Principles of Macroeconomics \_\_\_\_\_ 3 cr.  
ECON204 Principles of Microeconomics \_\_\_\_\_ 3 cr.  
LEGL205 Community Policing \_\_\_\_\_ 3 cr.

#### **One of the following courses:**

HIST207 History of USA I \_\_\_\_\_ 3 cr.  
HIST208 History of USA II \_\_\_\_\_ 3 cr.  
LEGL105 Intro to Criminal Justice \_\_\_\_\_ 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 courses:**

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.
LEGL306 Evidence	3 cr.

**Two of the following courses:**

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 International Economics	3 cr.
LEGL308 Business Law	3 cr.
LEGL405 Criminal Law	3 cr.
PHIL450 Philosophical Readings	3 cr.
PSYC340 Social Psychology	3 cr.
PSYC350 Abnormal Psychology	3 cr.
SOCL330 American Minorities	3 cr.

**One of the following courses:**

LEGL495 Senior Seminar or LEGL499 Legal Studies Internship	3 cr.
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## Legal Studies Minor

**Two of the following courses:**

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 courses:**

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

### Required Courses

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 courses:**

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

**One of the following courses:**

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.
LEGL405 Criminal Law	3 cr.
PSYC340 Social Psychology	3 cr.
PSYC350 Abnormal Psychology	3 cr.



# Mathematics Education Major

## Mission Statement

The mathematics education major prepares men and women to integrate their faith while teaching in a variety of settings. A mathematics educator will promote enthusiasm for mathematics, high levels of mathematical achievement in relation to individual student abilities, and use techniques and methodologies appropriate to current and relevant mathematics pedagogy.

Students who seek state licensure for 5-12 Mathematics Education will complete coursework for a major in both Math and Mathematics Education. Students are required to have an academic advisor in both the Math and Education Departments. In addition to the general education requirements, Mathematics Education majors are required to take and earn **at least a C+ in the bolded courses** as these courses contain embedded teaching standards.

## Program Learning Outcomes

Bethany Lutheran College students majoring in math 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.
- Instruct students in citizenship and basic subject matter specified in state standards for Mathematics Education.
- 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.
- 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.
- 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.

Students who seek state licensure for 5-12 Mathematics Education will complete coursework for a major in Mathematics and Mathematics Education

## Mathematics Coursework

COMS103 Introduction to Programming	3 cr.
<b>MATH151 Calculus I</b>	<b>4 cr.</b>
<b>MATH152 Calculus II</b>	<b>4 cr.</b>
<b>MATH243 Multivariable Calculus</b>	<b>4 cr.</b>
<b>MATH295 Foundations of Abstract Mathematics</b>	<b>3 cr.</b>
<b>MATH325 Advanced Probability and Statistics</b>	<b>4 cr.</b>
<b>MATH330 Discrete Mathematics</b>	<b>3 cr.</b>
<b>MATH351 Linear Algebra</b>	<b>3 cr.</b>
<b>MATH375 College Geometry</b>	<b>3 cr.</b>
<b>MATH441 Real Analysis</b>	<b>3 cr.</b>
<b>MATH451 Abstract Algebra</b>	<b>3 cr.</b>
<b>MATH493 Introduction to Mathematical Research</b>	<b>1 cr.</b>
<b>MATH495 Senior Thesis</b>	<b>2 cr.</b>

## Education Coursework

Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDMA444 Methods in Teaching Middle Level and Secondary Mathematics</b>	<b>3 cr.</b>
EDMA444 CL Methods in Teaching Middle Level and Secondary Mathematics Clinical	0 cr.
<b>EDUC100 Introduction to Education</b>	<b>3 cr.</b>
EDUC100 CL Introduction to Education Clinical	0 cr.
<b>EDUC230 Educational Psychology and Human Relations</b>	<b>3 cr.</b>
EDUC230 CL Educational Psychology and Human Relations Clinical	0 cr.
<b>EDUC370 Introduction to the Exceptional Learner</b>	<b>3 cr.</b>

EDUC370 CL Introduction to the Exceptional Learner Clinical _____	0 cr.
<b>EDUC390 Teaching Reading and Writing in the Content Areas _____</b>	<b>3 cr.</b>
EDUC390 CL Teaching Reading and Writing in the Content Areas Clinical _____	0 cr.
<b>EDUC401 Educational Technology and Media _____</b>	<b>2 cr.</b>
<b>EDUC430 Teaching Mathematics _____</b>	<b>4 cr.</b>
EDUC430 CL Teaching Mathematics Clinical _____	0 cr.
<b>EDUC450 Curriculum Planning and Assessment _____</b>	<b>2 cr.</b>
<b>EDUC456 Classroom Management _____</b>	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience _____</b>	<b>2 cr.</b>
<b>EDUC495 Student Teaching I _____</b>	<b>12 cr.</b>
<b>EDUC497 Student Teaching II _____</b>	<b>4 cr.</b>
<b>SOCL330 American Minorities _____</b>	<b>3 cr.</b>

**Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:**

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

# Mathematics Major

## Mission Statement

The Bethany College mathematics major fosters a deep appreciation for the beauty, creativity, and power of mathematics. Students will delve into both theoretical foundations and practical applications, preparing for success in graduate studies and diverse careers. Within a Christ-centered liberal arts framework, we cultivate not only mathematical expertise but also intellectual breadth. We explore mathematics as the language of patterns and structures, a tool for independent thought and problem-solving. This rigorous investigation strengthens critical thinking skills, equipping graduates to confidently navigate a complex world. Mathematical critical thinking and reasoning skills enable a better understanding of the inherent design of God's creation.

## Program Learning Outcomes

The student will be able to:

1. Construct, modify, and analyze mathematical models, assess the accuracy of the models, and draw contextual conclusions by leveraging sophisticated mathematical theory.
2. Make rigorous mathematical arguments and apply precision of thought in the development and critique of mathematical proofs.
3. Communicate mathematical ideas, orally and in writing, with clarity and coherence while using carefully reasoned, sound, and logical arguments.
4. Demonstrate insight into the detailed structure, beauty, and creativity of mathematics along with an appreciation of the power of its applications across 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.

## Core Requirements

**Students must achieve an average 2.5 GPA or better in the required core courses:**

COMS103 Introduction to Programming I	3 cr.
MATH151 Calculus I	4 cr.
MATH152 Calculus II	4 cr.
MATH243 Multivariable Calculus	4 cr.
MATH295 Foundations of Abstract Mathematics	3 cr.
MATH351 Linear Algebra	3 cr.
MATH441 Real Analysis	3 cr.
MATH451 Abstract Algebra	3 cr.

## Major Electives

**Any combination of at least 10 credits:**

MATH260 Differential Equations	3 cr.
MATH325 Advanced Probability and Statistics	4 cr.
MATH330 Discrete Mathematics	3 cr.
MATH360 Graph Theory	3 cr.
MATH375 College Geometry	3 cr.
MATH385 Mathematical Modeling	3 cr.
MATH480 Topics in Mathematics	1-4 cr.
MATH499 Mathematics Internship (*)	1-3 cr.

## Capstone

**At least 3 credits:**

MATH493 Introduction to Mathematical Research	1 cr.
MATH495 Senior Thesis	2 cr.
MATH499 Mathematics Internship (*)	1-3 cr.

\* MATH499 *may count as either an elective course or part/all of the capstone requirement but not both.*

# Mathematics Minor

## Minor Core Requirements

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

## Minor Electives

**Any combination of at least 6 credits:**

MATH260	_____	3 cr.
Any upper division MATH course (MATH3xx or 4xx)	_____	3-6 cr.
COMS103 Computer Programming I	_____	3 cr.

# Media Arts Major

## Mission

True creativity begins with knowledge. 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.

## Program Learning Outcomes

The media arts major 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.
- 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 member. In order to gain admittance to, and to graduate with, the media arts major, students must maintain a GPA of 2.7 or above in all coursework required by the major.

## 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

### **Foundations:**

ARTS110 Drawing	3 cr.
ARTS290 Professional Practices Seminar	1 cr.
GRDS230 Introduction to Graphic Design: Tools, Methodology, and Vocabulary	3 cr.
MART295 Introduction to Broadcast Media or MART297 Audio/Video Production	3 cr.

### **Historical Perspective:**

COMM240 Introduction to Mass Media	3 cr.
COMM365 Images on Film	3 cr.
MART475 Avant Garde/ Experimental Film	3 cr.

### **Theoretical and Critical Analysis:**

ARTS452 Contemporary Issues in Art	3 cr.
COMM385 Law and Ethics in Media	3 cr.

### **Internship:**

MART499 Media Arts Internship	1–4 cr.
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### **Capstone/Senior Project:**

MART496 Media Arts Capstone I	2 cr.
MART497 Media Arts Capstone II	2 cr.

## Area of Emphasis

Choose one of the following areas of emphasis:

### **Motion Graphics and Animation**

COMM360 Visual Communication	3 cr.
GRDS330 Advanced Graphic Design	3 cr.
MART290 Introduction to Animation	3 cr.
MART325 Stop Motion Animation	3 cr.
MART330 Motion Graphics Design	3 cr.
MART435 Digital 3D Design and Animation	3 cr.

*Recommended electives for the Motion Graphics and Animation Emphasis:*

ARTS312 Digital Illustration and Concept Art	3 cr.
BUSN330 Principles of Marketing	3 cr.
ENGL312 Reading as Writers Across Media	3 cr.
MART265 Editing for Film and Video	3 cr.
MART397 Advanced Audio/Video Production	3 cr.

### **Video Arts and Broadcasting**

COMM333 Screenwriting	3 cr.
COMM360 Visual Communication	3 cr.
MART265 Editing for Film and Video	3 cr.
MART313 Light Design and Control	3 cr.
MART314 Advanced Camera Techniques	3 cr.
MART397 Advanced Audio/Video Production	3 cr.

*Recommended electives for the Video Arts and Broadcasting Emphasis:*

BUSN330 Principles of Marketing	3 cr.
ENGL312 Reading as Writers Across Media	3 cr.
MART330 Motion Graphics Design	3 cr.
MART435 Digital 3-D Design and Animation	3 cr.

### **Photography**

COMM360 Visual Communication	3 cr.
GRDS330 Advanced Graphic Design	3 cr.
MART113 Photography I	3 cr.
MART213 Photography II	3 cr.
MART313 Light Design and Control	3 cr.
MART314 Advanced Camera Techniques	3 cr.

*Recommended electives for the Photography Emphasis:*

ARTS102 2-D Foundations	3 cr.
ARTS107 Art History III	3 cr.
BUSN330 Principles of Marketing	3 cr.
GRDS332 Introduction to Web and UX Design	3 cr.
MART265 Editing for Film and Video	3 cr.
MART330 Motion Graphic Design	3 cr.

# Media Arts Minor

## Requirements

### Foundations:

ARTS290 Professional Practices Seminar	1 cr.
GRDS230 Introduction to Graphic Design: Tools, Methodology, and Vocabulary	3 cr.
MART290 Introduction to Animation	
or MART325 Stop Motion Animation	3 cr.
MART295 Introduction to Broadcast Media	
or MART297 Audio/Video Production	3 cr.

### Historical Perspective:

COMM365 Images on Film	
or MART475 Avant Garde/ Experimental Film	3 cr.

### Studio: (minimum of 9 credits)

MART265 Editing for Film and Video	3 cr.
MART313 Light Design and Control	3 cr.
MART314 Advanced Camera Techniques	3 cr.
MART330 Motion Graphics Design	3 cr.
MART397 Advanced Audio/Video Production	3 cr.
MART435 Digital 3D Design and Animation	3 cr.

# Middle Level Education Minor

The Middle Level Education Minor provides core coursework in curriculum, instruction, and assessment for middle level students (grades 5-8) with a focus on a content area.

Students in the K-6 Elementary Education Major may elect to complete the middle level education minor for a licensure endorsement. Students are required to **earn at least a C+ in the listed bolded courses** as these courses contain embedded teaching standards.

## Core Requirements

<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<u>3 cr.</u>
EDUC390 CL Teaching Reading and Writing in the Content Areas Clinical	<u>0 cr.</u>
<b>EDUC450 Curriculum Planning and Assessment</b>	<u>2 cr.</u>

## Content and Method Requirements

### Communication Arts and Literature

<b>EDEN444 Methods in Teaching Middle Level and Secondary Communication Arts and Literature</b>	<u>3 cr.</u>
EDEN444CL Methods in Teaching Middle Level and Secondary Communication Arts and Literature Clinical	<u>0 cr.</u>
<b>EDUC497 Student Teaching II</b>	<u>4 cr.</u>
ENGL210 College Writing II	<u>3 cr.</u>
ENGL220 World Literature	<u>3 cr.</u>
Literature Elective	<u>3 cr.</u>

### Mathematics

<b>EDMA444 Methods in Teaching Middle Level and Secondary Mathematics</b>	<u>3 cr.</u>
EDMA444CL Methods in Teaching Middle Level and Secondary Mathematics Clinical	<u>0 cr.</u>
<b>EDUC497 Student Teaching II</b>	<u>4 cr.</u>
<b>MATH120 Introduction to Statistics</b>	<u>3 cr.</u>
<b>MATH151 Calculus I</b>	<u>4 cr.</u>

### Science

<b>BIOL101 Principles of Biology</b>	<u>5 cr.</u>
<b>CHEM107 General, Organic and Biochemistry</b>	<u>5 cr.</u>
<b>GEOG101 Physical Geography</b>	<u>3 cr.</u>
<b>EDUC361 Teaching Science in Middle Level Classrooms</b>	<u>1 cr.</u>
<b>EDUC497 Student Teaching II</b>	<u>4 cr.</u>
<b>PHYS101 Descriptive Physics</b>	<u>4 cr.</u>
<b>SCIE320 History and Philosophy of Science</b>	<u>3 cr.</u>

### Social Studies

<b>EDSS444 Methods in Teaching Middle Level and Secondary Social Studies</b>	<u>3 cr.</u>
EDSS444CL Methods in Teaching Middle Level and Secondary Social Studies Clinical	<u>0 cr.</u>
<b>EDUC497 Student Teaching II</b>	<u>4 cr.</u>
<b>PLSC105 American Government</b>	<u>3 cr.</u>
<b>SCIE320 History and Philosophy of Science</b>	<u>3 cr.</u>

## Minnesota Licensure Requirements

1. Complete all standards-based courses with a C+ or above.
2. Maintain 2.75 GPA
3. Successfully submit the Teacher Performance Assessment (edTPA)

*Note: An appeals process is outlined in the 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.*



# 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 23 credits distributed as follows:

## Required lower division courses:

MILS210 Army Physical Fitness \_\_\_\_\_ 1 cr.  
PLSC105 American Government \_\_\_\_\_ 3 cr.

## Required upper division courses:

MILS301 Training Management and the Warfighting Function \_\_\_\_\_ 3 cr.  
MILS302 Applied Leadership in Small Unit Operations \_\_\_\_\_ 3 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  
or MILS252 The 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.
- 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.
- 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.
- 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 General Education Courses for Music:

MUSC111 Music Theory I	3 cr.
MUSC221 Music History I: Middle Ages & Renaissance	3 cr.
MUSC235/RELG235 Hymnody and Liturgics	3 cr.
MUSC440 World Music	3 cr.

### Required Courses:

MUSC112 Music Theory II	3 cr.
MUSC114 Music Skills I	3 cr.
MUSC115 Music Skills 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.
MUSC222 Music History II: Baroque & Classical Eras	3 cr.
MUSC321 Music History III: Romantic & Modern Eras	3 cr.
<b>Private Music Lessons</b> (MUSC190/290/390/490)	7 cr.
<b>Minimum of three credits of ensemble music</b> (MUSC130 Concert Choir, MUSC135 Concert Band)	3 cr.

### Choose 9 credits from the following:

MUSC161 Introduction to Conducting	1 cr.
MUSC303 Music Communication and Technology	3 cr.
MUSC307 Survey of Organ History and Literature	2 cr.
MUSC309 Service Playing and Repertoire	2 cr.
MUSC335 Music Theatre	3 cr.
MUSC361 Choral Conducting	3 cr.
MUSC362 Instrumental Conducting	3 cr.
MUSC374 Piano Pedagogy and Literature	3 cr.
MUSC375 Vocal Pedagogy and Literature	3 cr.
MUSC376 Instrumental Pedagogy	3 cr.
MUSC435 Opera and Lyric Theatre	3 cr.

MUSC480 Topics in Music	3 cr.
MUSC489 International Study Tour	3 cr.

## Capstone

### Take one of the following groups/courses:

MUSC475 Recital (1 cr.) and MUSC490 Instruction IV (2 cr.)	3 cr.
MUSC495 Senior Seminar Music	3 cr.
MUSC499 Music Internship	3 cr.

## Area of Emphasis

Students who major in music may choose courses that form an emphasis to guide and shape their course of study: Church Music, Conducting, or Performance (piano, voice, and instrument).

### 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.
MUSC307 Survey of Organ History and Literature	2 cr.
MUSC309 Service Playing and Repertoire	2 cr.
MUSC361 Choral Conducting	3 cr.
Two credits of applied music in a secondary medium	2 cr.

### 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.
MUSC361 Choral Conducting	3 cr.
Two credits of applied music conducting (MUSC 390F, 490F)	2 cr.

The Music capstone will be a conducting program/project.

### 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 senior capstone recital and may also present a junior recital.

Students are encouraged to complete at least 13 credits of applied music in their primary performance medium (students will register for MUSC290 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.

#### Piano:

MUSC321 Music History III: Romantic and Modern Eras	3 cr.
MUSC374 Piano Pedagogy and Literature	3 cr.
MUSC475 Music Recital	1 cr.
MUSC490 Instrument IV	2 cr.

#### Voice:

MUSC375 Vocal Pedagogy and Literature	3 cr.
MUSC435 Opera and Lyric Theatre	3 cr.
MUSC475 Recital	1 cr.
MUSC490 Instruction IV	2 cr.

#### Instrumental:

MUSC161 Introduction to Conducting	1 cr.
MUSC362 Instrumental Conducting	3 cr.

MUSC376 Instrumental Pedagogy	3 cr.
MUSC475 Recital	1 cr.
MUSC490 Instruction IV	2 cr.

## Music Minor

### Four of the following courses:

MUSC111 Music Theory I	3 cr.
MUSC112 Music Theory II	3 cr.
MUSC211 Music Theory III	3 cr.
MUSC212 Music Theory IV	3 cr.
MUSC221 Music History I: Middle Ages and Renaissance	3 cr.
MUSC222 Music History II: Baroque and Classical Eras	3 cr.

### Three of the following courses:

MUSC303 Music Communication and Technology	3 cr.
MUSC335 Music Theatre	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

The academic goals of the Bethany Lutheran College Bachelor of Science in Nursing program are congruent with the mission and objectives of the college which include: spiritual development, critical thinking, intellectual and creative growth, responsible and productive citizenship, Christian stewardship, self-understanding, and competency in a major field of study. The Bachelor of Science in Nursing program goals are as follows:

*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.*

- Integrate God's truths and word with concepts of professional nursing.
- Foster the ability of nursing students to manage professional decisions through the application of Christian principles.

*Demonstrate intellectual, creative, and problem-solving skills*

- Ensure an educational foundation in the biological, physical, and social sciences; arts; and humanities, which are essential to professional nursing practice.
- Promote an attitude of intellectual and critical inquiry necessary for critical thinking and clinical reasoning in professional nursing practice.
- Develop an understanding of the nursing and health care research process to identify best practices in nursing.
- Prepare the nursing student to exercise leadership and self-direction in planning, initiating, implementing, and evaluating current and emerging roles in nursing and the emerging needs of health care systems.

*Demonstrate an understanding of personal and public responsibility*

- Provide a Christian faith based four-year college program leading to a baccalaureate degree in nursing as preparation for students to practice professional nursing and provide servant-leadership in health care.
- Prepare the nursing student to sit for the NCLEX-RN® examination.

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

- Encourage lifelong learning in the field of nursing toward the goal of advanced and terminal degrees in nursing.
- Provide a foundation for graduate study.

### 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 prerequisites (Must be completed or enrolled in at time of application): BIOL 151 (or BIOL 101 with nursing program director approval), ENGL 110, CHEM 107 or CHEM 113, COMM 111, BIOL 221, PSYC 120, BIOL 222, BIOL 360 (Note: Per biology dept., a 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: MATH115 or MATH130 is pre-requisite for MATH120)
  6. Minimum of C+ in NURS301 (Must be completed or enrolled in at time of application)
  7. Required prerequisite and support courses may be repeated only once (1). No more than three (3) required prerequisite and support courses may be repeated. A C+ or higher must be earned on the repeated attempt of a prerequisite or support course to qualify for admission to or progression in the nursing program. Failing a total of four (4) required prerequisite 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 prerequisite, support, or nursing course will be considered as one (1) failure and will count towards the dismissal policy.
  8. 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.
  9. Copy of unofficial transcript. (BLC and other institutions for transfer courses)
  10. Completion of the HESI® Admission Assessment Exam (Exam arranged through nursing program)
  11. Interview with Director of Nursing (upon request)
- Acceptance status letters will be emailed on or before April 15. Letters will be emailed 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, prerequisite, 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
- Approval to work with patients without supervision from the Minnesota Department of Human Services Background Study
- 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 transcript or certificate)
- Current CPR/BLS for healthcare providers' certification. CPR/BLS certification must be through the American Heart Association, American Red Cross, or Military Training Network. (Must maintain throughout the entire nursing program. Provide a copy of certificate/card.)

- Health Clearance Form with proof of required immunizations and medical insurance  
(See <http://www.blc.edu/nursing-major> for list of immunizations and Health Clearance Form)
- Clear drug screen (*if requested by Director of Nursing*)

Additional information regarding these requirements will be provided to those admitted.

## 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 must be obtained in each of the prerequisite and support courses.**

*BIOL151 General Biology and Lab ( <i>Note: Nursing program director approval is required to take BIOL101. Per Biology dept, a minimum of 'B' in BIOL101 is required as a prerequisite for BIOL360</i> ) or *BIOL101 Principles of Biology and lab _____	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 or *ENGL110 College Writing _____	3-6 cr.
*HLTH201 Nutrition _____	3 cr.
MATH115 Quantitative Reasoning or MATH130 Applied Algebra or MATH151 Calculus I _____	4 cr.
*MATH120 Introduction to Statistics _____	3 cr.
*NURS301 Fundamentals of Professional Nursing _____	4 cr.
*PSYC120 Human Growth and Development _____	3 cr.
RELG108 Essentials of Christianity I and RELG109 Essentials of Christianity II or RELG110 Introduction to Christianity I and RELG111 Introduction to Christianity II _____	4 cr.
RELG elective (200 level) _____	3 cr.
RELG electives (300 and 400 level) _____	6 cr.
*SCIE330 Ethics in Science _____	3 cr.
SMNR101 Freshman Seminar _____	2 cr.
General Education Creative Skills Elective _____	3 cr.
General Education History Elective _____	3 cr.
General Education Literature 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).*

NURS310 Assessment and Skills for Nursing _____	5 cr.
NURS320 Pharmacology for Nursing _____	3 cr.
NURS331 Pathophysiology for Nursing _____	4 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 six (6) months prior to start date.

- Nursing Program Health Clearance Form
- Medical health insurance coverage (self, through parents, Medical Assistance)
- MMR (measles/rubeola, mumps, rubella/German measles): Two (2) MMR vaccinations or positive titer of each. If the 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/Pertussis (Tdap): One adult dose Tdap within past 10 years or Tdap once with Td booster within past 10 years
- Varicella (Chicken pox): Two (2) vaccinations or positive varicella titer. If the 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 within 6 months of program start date. If the skin test is positive, a chest x-ray is required with provider documentation of negative disease within 6 months of program start date. 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 clinicals. 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 the 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: Clinical agencies may not allow participation in clinical experiences at their site without Hepatitis B vaccination

- Influenza: Seasonal influenza vaccine required annually by October 1
 

**OR** Signed documentation from a physician or provider of medical exemption. Note: Clinical agencies may not allow participation in clinical experiences at their site without Influenza vaccination.
- COVID—Recommended/Not Required: Two doses of Pfizer-BioNTech or Moderna vaccine or one dose of Johnson & Johnson vaccine and booster vaccines are recommended. Note: Clinical agencies may not allow participation in clinical experiences at their site without COVID vaccination.
- The nursing program does not guarantee alternative facility placements in cases where students are not allowed at planned clinical sites due to personal or medical circumstances. Students with these circumstances may be unable to continue in the nursing program. Students with personal or medical circumstances that may limit their eligibility to participate in clinical are encouraged to meet with the program director in advance of any clinical courses. Students with questions about religious and medical exemption requests are encouraged to meet with the program director in advance of any clinical courses.

Compliance tracking of the Health Clearance Form, required immunizations, CPR Certification, nursing assistant course or CNA, and medical 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 each semester. 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 Human Services Background Study
7. Clinical Placement
8. Simulation Lab
9. HESI® Exams
10. Shadow Health® DCE
11. Nursing Pin

# Paralegal Certificate

The Paralegal Certificate Program is designed for students seeking employment in law firms, government agencies, for-profit organizations, and non-profit organizations. It is an excellent option for students seeking to fast-track their training and for those wishing to supplement a traditional bachelor's degree. Through instruction in foundations of law, criminal law, legal research and writing methods, and legal procedures, students enrolled in the Paralegal Certificate Program are equipped with the knowledge and training needed to enter into a meaningful legal career as administrative assistants, legal secretaries, legal assistants, and more.

## Mission Statement

Supported by the [Department of Legal Studies](#), and adhering to biblical morals and principles, the mission of the Paralegal Certificate Program is to prepare students for a variety of law-related careers as administrative assistants, legal secretaries, legal assistants, and more.

## Program Learning Outcomes

Upon completion of the Paralegal Certificate Program, students will be able 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.

### Required Course:

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

### Two of the following courses:

COMM230 Argument and Advocacy \_\_\_\_\_ 3 cr.

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

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

LEGL308 Business Law \_\_\_\_\_ 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 courses:

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 courses:

BUSN360 Business Ethics \_\_\_\_\_ 3 cr.

LEGL405 Criminal Law \_\_\_\_\_ 3 cr.

LEGL460 Legal Procedures \_\_\_\_\_ 3 cr.

LEGL470 Family Law \_\_\_\_\_ 3 cr.

### One of the following courses:

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 International Economics	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.
LEGL306 Evidence	3 cr.
PSYC340 Social Psychology	3 cr.
PSYC350 Abnormal Psychology	3 cr.

# Physical and Health Education Majors

## Mission Statement

The physical and health education majors prepare men and women to integrate their faith while teaching in a variety of settings. A physical and health education teacher will create a classroom environment that fosters, promotes and develops an understanding of the relationship of healthy body function and exercise; that motivates each student to cultivate physical fitness, and appropriate social and emotional adjustment; that discovers and develops talents of students in physical achievement; and that develops strength, skill, agility, poise, and coordination in individual, dual and team physical activities and sports, in accordance with each student's ability.

## Program Learning Outcomes

Bethany Lutheran College students majoring in physical and health 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.
- Analyze, demonstrate, and explain basic skills, knowledge and strategies of formal sports, games, rhythms, and fundamentals of body movement.
- Master course content that includes knowledge and skills in physical fitness, health education, rhythms and dance, and individual, dual or team sports.
- Instruct students in citizenship and basic subject matter specified in state standards for Physical Education and Health Education.
- 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.
- 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.
- 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.

Students who seek state licensure for K-12 Physical Education and 5-12 Health Education will complete coursework for a minor in Exercise Science and majors in Physical and Health Education.

Students who seek state licensure for K-12 Physical Education and 5-12 Health Education minor will complete coursework for majors in both Exercise Science and Physical Education. Students are required to have an academic advisor in both the Exercise Science and Education Departments. In addition to the general education requirements, Physical Education majors are required to take and **earn at least a C+ in the bolded courses** as these courses contain embedded teaching standards.

## Exercise Science Coursework

<b>BIOL221 Human Anatomy</b> (prerequisite: BIOL151)	4 cr.
BIOL222 Human Physiology	4 cr.
<b>COMM212 Interpersonal Communication</b>	3 cr.
<b>COMM330 Introduction to Health Communication</b>	3 cr.
HLTH201 Nutrition	3 cr.
HLTH206 Advanced First Aid	3 cr.
HLTH240 Current Health Issues	3 cr.
HLTH330 History and Philosophy of Physical Education and Sport	3 cr.
HLTH470 Introduction to Diseases and Disorders (prerequisite: BIOL221)	3 cr.
PHED217 Lifetime Health and Fitness	3 cr.
PHED221 Introduction to Team Games	3 cr.
PHED222 Introduction to Lifetime Sports	3 cr.
PHED306 Methods of Coaching	3 cr.
PHED310 Motor Learning and Behavior	3 cr.
PHED330 Prevention and Care of Athletic Injuries	3 cr.
PHED450 Exercise Physiology and Lab (prerequisite: BIOL221)	4 cr.

PHED455 Strength and Conditioning (prerequisite: BIOL221)	3 cr.
<b>PHED460 Exercise Testing and Prescription</b>	<b>3 cr.</b>
<b>PHED485 Advanced Exercise Science Issues</b>	<b>3 cr.</b>

## Education Coursework

Education Majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDHL444 Methods in Teaching Middle Level and Secondary Health</b>	<b>3 cr.</b>
EDHL444CL Methods in Teaching Middle Level and Secondary Health Clinical	0 cr.
<b>EDPE444 Methods in Teaching Middle Level and Secondary Physical Education</b>	<b>3 cr.</b>
EDPE444CL Methods in Teaching Middle Level and Secondary Physical Education Clinical	0 cr.
<b>EDUC100 Introduction to Education</b>	<b>3 cr.</b>
EDUC100CL Introduction to Education Clinical	0 cr.
<b>EDUC230 Educational Psychology and Human Relations</b>	<b>3 cr.</b>
EDUC230CL Educational Psychology and Human Relations Clinical	0 cr.
<b>EDUC315 Teaching Health and Human Performance</b>	<b>3 cr.</b>
EDUC315CL Teaching Health and Human Performance Clinical	0 cr.
<b>EDUC370 Introduction to the Exceptional Learner</b>	<b>3 cr.</b>
EDUC370CL Introduction to the Exceptional Learner Clinical	0 cr.
<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<b>3 cr.</b>
EDUC390CL Teaching Reading and Writing in the Content Areas Clinical	0 cr.
<b>EDUC401 Educational Technology and Media</b>	<b>2 cr.</b>
<b>EDUC450 Curriculum Planning and Assessment</b>	<b>2 cr.</b>
<b>EDUC456 Classroom Management</b>	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience</b>	<b>2 cr.</b>
<b>EDUC495 Student Teaching I</b>	<b>12 cr.</b>
<b>EDUC497 Student Teaching II</b>	<b>4 cr.</b>
<b>SOCL330 American Minorities</b>	<b>3 cr.</b>

### Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:

- Entry into the Education Program/Major:
  1. Successful completion of 12 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

# Psychology Major

## Mission Statement

The psychology major at Bethany introduces 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 focuses on an integrative view of human functioning and experience, based on the foundations of the Christian faith and rigorous scholarship within the field 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 different domains in life.
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

The following qualifications will be necessary for acceptance into the major:

- An overall GPA of 2.0 or above
- A grade of C or above in PSYC100 General Psychology, and in PSYC120 Human Growth and Development
- Successful completion of the PSYC290 professional development course

## Core Requirements

A major in psychology requires a minimum of 39 credits: 33 core credit requirements and a minimum of 6 additional elective credits. 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.**

## Core Psychology Courses

### Objective 1: Knowledge Base

PSYC100 General Psychology	_____	3 cr.
PSYC120 Human Growth and Development	_____	3 cr.
PSYC310 Personality		
or PSYC340 Social Psychology		
or PSYC350 Abnormal Psychology	_____	3 cr.
PSYC335 Learning and Cognition		
or PSYC337 Physiological Psychology	_____	3 cr.
PSYC475 History and Systems of Psychology	_____	3 cr.
Two upper division Psychology electives	_____	6 cr.

### Objective 2: Scientific Inquiry and Critical Thinking

PHIL201 Logic and Critical Thinking		
or SCIE320 History and Philosophy of Science	_____	3 cr.
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.
PHIL204 Ethics or SCIE330 Ethics in Science	3 cr.
RELG316 Comparative World Religions or RELG330 Christian Social Thought or RELG340 Apologetics	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)

MATH120 Introduction to Statistics	3 cr.
PSYC497 Research Opportunity in Psychology	1-3 cr.
PSYC499 Psychology Internship	1-3 cr.

## Psychology Minor

PSYC100 General Psychology	3 cr.
PSYC120 Human Growth and Development	3 cr.
Four other courses in Psychology, two of which must be upper division	12 cr.

[NOTE: Minors are strongly discouraged from taking PSYC475, which is the major capstone course, as an elective.]

# 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 or MUSC235/RELG235 Hymnody and Liturgics	3 cr.

### Required upper division courses:

RELG316 Comparative World Religions	3 cr.
RELG335 The Lutheran Confessions	3 cr.
RELG340 Apologetics	3 cr.
RELG480 Topics in Religious Studies	3 cr.

## Major Electives

### Four of the following courses:

GREK305 Intermediate Greek: The New Testament I	3 cr.
GREK306 Intermediate Greek: The New Testament II	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.
RELG360 History of the Christian Church	3 cr.
RELG380 Pauline Literature	3 cr.
RELG382 Johannine Literature	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 25 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)	6 cr.
Upper division RELG courses (includes GREK305/306)	12 cr.
GREK304 Advanced Greek: Plato's Symposium and HIST460 Religion in American History or one additional RELG course not already used in the minor	3-6 cr.

# Social Studies Education Major

## Mission Statement

The social studies education major prepares men and women to integrate their faith while teaching in a variety of settings. Social studies teachers guide students in learning about history, geography, politics, economics, and culture by integrating current events, healthy debates, and engaging classroom discussions.

## Program Learning Outcomes

Bethany Lutheran College students majoring in social studies 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.
- Instruct students in citizenship and basic subject matter specified in state standards for Social Studies Education.
- 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.
- 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.
- 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.

Students who seek state licensure for 5-12 Social Studies Education will complete coursework for a major in Social Studies Education. Students are required to have an academic advisor in the Education Department. In addition to the general education requirements, Social Studies Education majors are required to take and earn **at least a C+ in the bolded courses** as these courses contain embedded teaching standards. Within the general education requirements, COMM111 contains embedded teaching standards and therefore requires a minimum grade of C+.

## Social Studies Coursework

<b>ECON 203 Principles of Macroeconomics</b>	<u>3 cr.</u>
<b>GEOG101 Physical Geography</b>	<u>3 cr.</u>
<b>GEOG102 Human Geography</b>	<u>3 cr.</u>
<b>HIST111 Ancient Medieval Europe</b> or <b>HIST122 Modern World Civilizations</b>	<u>3 cr.</u>
<b>HIST207 American History I</b> or <b>HIST208 American History II</b>	<u>3 cr.</u>
<b>PLSC105 American Government</b>	<u>3 cr.</u>
<b>SOCL101 Introduction to Sociology</b>	<u>3 cr.</u>

## Education Coursework

Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDSS444 Methods in Teaching Middle Level and Secondary Social Studies</b>	<u>4 cr.</u>
EDSS444CL Methods in Teaching Middle Level and Secondary Social Studies Clinical	<u>0 cr.</u>
<b>EDUC100 Introduction to Education</b>	<u>3 cr.</u>
EDUC100CL Introduction to Education Clinical	<u>0 cr.</u>
<b>EDUC230 Educational Psychology and Human Relations</b>	<u>3 cr.</u>
EDUC230CL Educational Psychology and Human Relations Clinical	<u>0 cr.</u>
<b>EDUC370 Introduction to the Exceptional Learner</b>	<u>3 cr.</u>
EDUC370CL Introduction to the Exceptional Learner Clinical	<u>0 cr.</u>
<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<u>3 cr.</u>
EDUC390CL Teaching Reading and Writing in the Content Areas Clinical	<u>0 cr.</u>
<b>EDUC401 Educational Technology and Media</b>	<u>2 cr.</u>

EDUC450 Curriculum Planning and Assessment	2 cr.
EDUC456 Classroom Management	2 cr.
EDUC486 Capstone of Professional Experience	2 cr.
EDUC495 Student Teaching I	12 cr.
EDUC497 Student Teaching II	4 cr.
SOCL330 American Minorities	3 cr.

**Important requirements of all students completing Minnesota Education licensure at Bethany Lutheran College:**

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

## Sociology Minor

SOCL101 Introduction to Sociology	3 cr.
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### 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.
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 Major

## Mission Statement

The ever-changing demographics of today's world demand that college graduates be culturally literate and linguistically versatile. The Spanish major is a way for the traditional Bethany student to obtain an intimate knowledge of Hispanic cultures and traditions outside of his or her local experience here on campus. Linguistic and cultural competencies are developed through a curriculum that is both modern and rigorous. As a major, Spanish compliments many current majors on campus to increase our graduates' marketability and job opportunities.

## Philosophy

The Spanish Department recognizes that language and communication are gifts from God and is committed to teaching students to use those gifts to His glory and to the welfare of others. To that end, the Spanish Department is committed to students' acquisition of the Spanish language and an appreciation for cultures and traditions outside of their local experience. The Spanish Department designs and selects its course content around the four skills of speaking, listening, reading and writing. The department also recognizes and develops lesson plans around the 5 C's of foreign language learning: communication, cultures, connections, comparisons, and communities.

## Program Learning Outcomes

- Students will communicate in Spanish both written and spoken at the level appropriate for advanced students.
- Students will demonstrate understanding of both spoken and written Spanish in a variety of forms at the level appropriate for advanced students.
- Students will have a familiarity with major literary works of Spanish, both Latin American and Spanish, spanning from the Middle Ages to the 21<sup>st</sup> century.
- Students will demonstrate cultural literacy by a general understanding of both pre and post-colonial Latin American cultures.
- Students will track the spread of God's Word through the Spanish language from Paul to present day.

## Core Requirements

SPAN203 Intermediate Spanish I	4 cr.
SPAN204 Intermediate Spanish II	4 cr.
SPAN211 Introduction to Latin American Identities	3 cr.
SPAN305 Conversation and Literature I	4 cr.
SPAN310 Latin America and Iberian Cinema	3 cr.
SPAN320 History and Culture of Spain	3 cr.
SPAN340 Spanish Literature or SPAN350 Latin American Literature	3 cr.
SPAN498 Spanish Study Abroad (Must be approved by Spanish Department Chair)	6 cr.

## Collateral Requirement

HIST207 History of USA I or HIST208 History of USA II	3 cr.
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## Capstone Requirement

SPAN495 Senior Thesis	3 cr.
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# Spanish Minor

SPAN203 Intermediate Spanish I	4 cr.
SPAN204 Intermediate Spanish II	4 cr.
SPAN211 Introduction to Latin American Identities	3 cr.
SPAN305 Conversation and Literature I	4 cr.
SPAN310 Latin America and Iberian Cinema	3 cr.

# Special Education Major

## Mission Statement

A teacher holding the Special Education 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. Students must select a licensure from one of the three options listed below.

## Entry into the Major

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

1. Successful completion of 16 credits of general education core courses
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 Education Department
7. A positive clinical experience from EDUC100

## General Education Requirements

COMM111 Fundamentals of Speech	3 cr.
ENGL110 College Writing	3 cr.
HIST207 History of USA I or HIST 208 History of USA II	3 cr.
International Language	8 cr.
Literature elective	3 cr.
Objective 2b: Creative Skills elective (MUSC235 for ELS certification)	3 cr.
Objective 2c: Problem Solving Skills - Lab Science elective	4 cr.
Objective 2c: Problem Solving Skills - Math elective (MATH110 or higher)	4 cr.
<i>(MATH120 does not meet the general education requirement)</i>	

RELG108 & 109 Essentials of Christianity I & II or RELG110 & 111 Christianity I & II	4 cr.
RELG200 elective	3 cr.
RELG300 or 400 electives	6 cr.
SMNR101 Freshman Seminar	2 cr.

### Education Requirements

Special Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC100 Introduction to Education</b>	<b>3 cr.</b>
EDUC100CL Introduction to Education Clinical	0 cr.
<b>EDUC230 Educational Psychology and Human Relations</b>	<b>3 cr.</b>
EDUC230CL Educational Psychology and Human Relations Clinical	0 cr.
<b>EDUC401 Educational Technology and Media</b>	<b>2 cr.</b>
<b>EDUC450 Curriculum Planning and Assessment</b>	<b>2 cr.</b>
<b>EDUC486 Capstone of Professional Experience</b>	<b>3 cr.</b>
<b>EDUC495 Student Teaching I (SPED)</b>	<b>12 cr.</b>
<b>EDUC497 Student Teaching II (SPED)</b>	<b>4 cr.</b>
<b>SOCL330 American Minorities</b>	<b>3 cr.</b>

### Special Education Core Requirements

Special Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC212 Foundations of Literacy</b>	<b>3 cr.</b>
<b>EDUC320 Early Literacy Assessment</b>	<b>4 cr.</b>
<b>EDUC325 Intermediate Literacy</b>	<b>3 cr.</b>
EDUC325 CL Intermediate Literacy Clinical	0 cr.
<b>SPED200 Identification and Assessment for Special Education Services</b>	<b>3 cr.</b>
<b>SPED300 Special Education IEP and Transition Planning</b>	<b>4 cr.</b>
<b>SPED310 Special Education Law and Advocacy</b>	<b>2 cr.</b>
<b>SPED340 Behavior Management and Classroom Environments for Students with Disabilities</b>	<b>3 cr.</b>
<b>SPED350 Special Education Practicum I</b>	<b>1 cr.</b>
<b>SPED360 Special Education Practicum II</b>	<b>1 cr.</b>

### Academic and Behavioral Strategist Licensure

Special Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC390 Teaching Reading and Writing in the Content Areas</b>	<b>3 cr.</b>
EDUC390CL Teaching Reading and Writing in the Content Areas Clinical	0 cr.
<b>EDUC430 Teaching Mathematics</b>	<b>4 cr.</b>
EDUC430CL Teaching Mathematics Clinical	0 cr.
<b>EDUC497 Student Teaching II</b>	<b>4 cr.</b>
SPED370 Consultation, Collaboration and Resources in Special Education	3 cr.
SPED400 Behavioral Methods and Mental Health for Mild to Moderate Disabilities	3 cr.
SPED401 Principles and Strategies for Effective Inclusion	4 cr.

### Autism Licensure

Special Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC497 Student Teaching II</b>	<b>4 cr.</b>
<b>SPED370 Consultation, Collaboration and Resources in Special Education</b>	<b>3 cr.</b>
<b>SPED400 Behavioral Methods and Mental Health for Students with Disabilities</b>	<b>3 cr.</b>
<b>SPED401 Principles and Strategies for Effective Inclusion</b>	<b>4 cr.</b>
<b>SPED404 Supporting Students with Autism</b>	<b>3 cr.</b>
3 elective credits from Psychology or Communication as approved by advisor	3 cr.

## Emotional and Behavioral Disorders Licensure

Special Education majors are required to take and earn **at least a C+ in bolded courses** as they contain embedded teaching standards.

<b>EDUC497 Student Teaching II</b> _____	4 cr.
<b>SPED370 Consultation, Collaboration and Resources in Special Education</b> _____	3 cr.
<b>SPED400 Behavioral Methods and Mental Health for Students with Disabilities</b> _____	3 cr.
<b>SPED401 Principles and Strategies for Effective Inclusion</b> _____	4 cr.
<b>SPED403 Emotional, Behavioral, and Trauma Based Disorders</b> _____	3 cr.
3 elective credits from Psychology or Legal Studies as approved by advisor _____	3 cr.

### Important requirements of all students completing Minnesota Teaching Licensure in Special Education at Bethany Lutheran College:

- Entry into the Education Program/Major:
  1. Successful completion of 16 credits of general education core courses including EDUC100
  2. An application to the education major
  3. Verification from academic advisor of a 2.75 GPA in the core education major classes
  4. Interview with a committee from the Education Department
  5. A positive clinical experience report from EDUC100
- Maintain 2.75 GPA. Complete all standards-based courses with a C+ or better
- Complete all courses required for Minnesota State Licensure.
  1. Submit proof of a valid first aid/CPR/AED certification
  2. Satisfactory completion of EDUC495 and EDUC497
  3. Satisfactory completion of the Teacher Performance Assessment (edTPA)
  4. Satisfactory completion of Professional Portfolio

*Note: An appeals process is outlined in the 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).*

*Note: Substitutions of prior experiences are not allowed for EDUC495 Student Teaching I and EDUC497 Student Teaching II.*

As a program that is approved by PELSB for licensing teachers in the state of Minnesota, the Bethany Education program strives to ensure that Bethany Education teacher candidates are trained under Bethany's program standards. All students transferring into the Education or Special Education major must complete, at a minimum, 10 credits of coursework within the Education or Special Education program. These 10 credits **exclude** student teaching, practicum, or clinical courses, and one course must be a methods course, as designated by the Bethany Education program.

## Special Education Minor

This minor is a series of courses in the special education course sequence of Bethany Lutheran College. This minor seeks to engage general education professionals in a highly professional level of assessment, support and differentiation for students with special education needs. The 18 credits in the minor includes 1 credit of practicum experience.

SPED200 Identification and Assessment for Special Education Services _____	3 cr.
SPED310 Special Education Law and Advocacy _____	3 cr.
SPED340 Behavior Management and Classroom Environments for Students with Disabilities _____	3 cr.
SPED350 Practicum I or SPED360 Practicum II _____	1 cr.
SPED370 Consultation, Collaboration and Resources in Special Education _____	3 cr.

### **SPED Electives: Choose at least one**

EDUC320 Early Literacy _____	4 cr.
SPED300 Special Education Planning _____	4 cr.
SPED400 Behavioral Methods & Mental Health for Students with Disabilities _____	3 cr.
SPED401 Principles and Strategies for Effective Inclusion _____	4 cr.
SPED403 Emotional, Behavioral, and Trauma Based Disorders _____	3 cr.
SPED404 Supporting Students with Autism and Developmental Disorders _____	3 cr.

# Studio Art Major

## Mission Statement

The studio art major provides curricular opportunities for the development of technical skills, aesthetic discernment, 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, including traditional drawing and oil painting, sculpture, and digital image creation. Art majors are encouraged to also explore the creative opportunities offered by other majors, including Graphic Design and Media Arts.

## Program Learning Outcomes

The studio art program at Bethany Lutheran College strives 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 Studio Art major. This typically takes place during the spring semester of the sophomore year. It is imperative that all prospective studio art students have an advisor from the Studio Art or Graphic Design departments. A major application form may be obtained from your faculty advisor or downloaded from the Studio Art section of the college website. In order to gain admittance to, and graduate with, the Studio Art major, students must **maintain a GPA of 2.7 or above in all coursework required by the major.**

## 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.

## Studio Art Requirements

### Foundations:

ARTS102 2-D Foundations	3 cr.
ARTS110 Drawing	3 cr.
ARTS202 3-D Foundations	3 cr.
ARTS290 Professional Practices Seminar	1 cr.

### Historical Perspective:

ARTS105 Art History I Prehistory to the Gothic Period	3 cr.
ARTS106 Art History II Renaissance to Realism	3 cr.
ARTS107 Art History III Modernism	3 cr.

## Primary Area of Emphasis

The student is to choose one primary area of emphasis: 2-D or 3-D.

### 2-D Emphasis:

ARTS114 Painting I: Watercolor and Ink	3 cr.
ARTS211 Life Drawing	3 cr.
ARTS214 Painting II: Still Life	3 cr.
ARTS312 Digital Illustration/Concept Art I	3 cr.
ARTS314 Painting III: Figure Painting	3 cr.
ARTS324 Painting IV: Landscape	3 cr.

### 3-D Emphasis:

ARTS116 Sculpture I	3 cr.
ARTS216 Sculpture II: Casting	3 cr.



ARTS316 Sculpture III: Carving	3 cr.
MART325 Stop Motion Animation	3 cr.
MART435 Digital 3-D Design and Animation	3 cr.
THTR320 Scene Design or THTR390 Costume Design	3 cr.

## Additional Requirements

### Theoretical and Critical Analysis:

ARTS452 Contemporary Issues in Art	3 cr.
COMM385 Law and Ethics in Media	3 cr.

### Internship, Study Abroad, or Residency:

ARTS499 Studio Art Internship	3 cr.
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### Senior Capstone Project and Exhibition:

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

### Optional Recommended Electives:

ARTS240 Masterpieces of the Western Tradition	3 cr.
ARTS311 Life Drawing II	3 cr.
ARTS412 Digital Illustration/ Concept Art II	3 cr.
COMM360 Visual Communication	3 cr.
GRDS230 Graphic Design I	3 cr.
MART197 Audio/ Video Production Basics	3 cr.

## Studio Art Minor

### Foundations:

ARTS102 2-D Foundations	3 cr.
ARTS110 Drawing	3 cr.
ARTS202 3-D Foundations	3 cr.
ARTS290 Professional Practices Seminar	1 cr.

### Advanced Studio:

Two additional studio courses from the Studio Art major	6 cr.
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### Historical Perspective (choose two 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 Modernism	3 cr.
ARTS452 Contemporary Issues in Art	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, physical therapy, pharmacy, seminary 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 math (MATH130 or MATH151)

### **Recommended:**

Zoology (BIOL215 or 216), human anatomy (BIOL221), human physiology (BIOL222), genetics (BIOL340), microbiology (BIOL360), human gross anatomy (BIOL491), statistics (MATH120), and psychology (PSYC100).

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:**

BUSN360 Business Ethics

COMM230 Argument and Advocacy

HIST470 The Supreme Court and the American People

LEGL210 Introduction to Legal Studies

LEGL320 Legal Research and Writing

LEGL460 Legal Procedures

LEGL470 Family Law

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), human physiology (BIOL222), genetics (BIOL340), immunology (BIOL352), microbiology (BIOL360), human gross anatomy (BIOL491), psychology courses (PSYC100, 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), human gross anatomy (BIOL491)

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 (MATH130 or 151)  
Two semesters of college physics (PHYS151 and 152)  
Two psychology courses (PSYC100, 120, or 350 recommended)

**Recommended:**

Cell (BIOL350), genetics (BIOL340), human gross anatomy (BIOL491), 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, 305, and 306)

Four semesters of Hebrew (HEBR101, 102, 203, 204)

**Recommended Additional Language Courses:**

GERM101 and GERM102

SPAN101 and SPAN102

**Recommended Education Course:**

EDUC400 Teaching the Christian Faith

**Recommended Religion Courses:**

RELG223 The 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 Advanced Competitive Speaking

**Recommended Music Course:**

MUSC235 Hymnody and Liturgics

**Recommended Psychology Courses:**

PSYC100 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 semesters of zoology (BIOL215 and 216)

One semester of genetics (BIOL340)

One semester of microbiology (BIOL360)

One semester of math (MATH151 recommended)

Two semesters of college physics (PHYS151 and 152)

# Course Descriptions

## **ACCT210 Accounting I (3)**

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. Prerequisite: MATH115, MATH130, MATH151, or MATH152.

## **ACCT211 Accounting II (3)**

Topics introduced in ACCT210 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: ACCT210 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 contributing to the development of skills in creative thinking, visual communication, and technique. Not intended for art majors.

## **ARTS102 2D Foundations (3)**

Introductory course that explores the elements and principles of design along with fundamental art theory, practice and application using a variety of artistic media. Emphasis will be placed on discovering creative solutions to visual problems.

## **ARTS105 Art History I Prehistory to the Gothic Period (3)**

Survey of the visual arts in Western Civilization from Pre-history to the Gothic Period.

## **ARTS106 Art History II Renaissance to Realism (3)**

Survey of the visual arts in Western Civilization from the Renaissance to Realism.

## **ARTS107 Art History III Modernism (3)**

Survey of the visual arts in Western Civilization from Impressionism to contemporary art.

## **ARTS110 Drawing (3)**

An introduction to the methods and materials used in traditional drawing. Emphasis on perception, accuracy, and expression.

## **ARTS114 Painting I: Watercolor and Ink (3)**

Watercolor Painting. Students will learn historical European watercolor and Asian ink painting methods. Subject matter includes still life, animals, landscape, portraiture, and architecture. Prerequisite: ARTS110 or consent of instructor.

## **ARTS116 Sculpture I (3)**

Introduction to traditional sculpture techniques. Students will learn to observe, represent, and interpret 3-Dimensional forms using wire, clay, and plaster. Products include figurative sculptures, portrait bust, and reliefs.

## **ARTS202 3D Foundations (3)**

A project-based introduction to basic 3-Dimensional design and construction processes. Iterative design processes will guide students to personalized approaches in creative problem solving.

## **ARTS211 Life Drawing I (3)**

An introduction to human anatomy and the drawing of the human figure. Working from anatomy texts 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.

## **ARTS214 Painting II: Still Life (3)**

Still Life Painting. Students learn painting strategies for representing and interpreting form using oil paint. Emphasis on observation, proportion, composition, and color theory. Historical and contemporary methods will be used to guide students toward a personalized visual vocabulary. Prerequisite: ARTS110 or consent of instructor.

**ARTS216 Sculpture II: Casting (3)**

Casting. Students will produce several sculptures and learn historical and contemporary mold making techniques useful for casting duplicates in plaster, clay, wax, and metal. Prerequisite: ARTS116.

**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 in their chosen discipline within a broader range of creative and media activities. Topics will include graduate study, the life of the free-lance worker, and careers in web development, motion graphics, animation, film and video production, editing, illustration, photography, sculpture, etc.

**ARTS311 Life Drawing II (3)**

Continued study of the human form; drawing from life using a variety of mediums. Prerequisite: ARTS211.

**ARTS312 Digital Illustration/Concept Art I (3)**

Introduction to commercial illustration and concept art utilizing an exclusively digital toolset. Topics include effective visual communication, the creative process, and the development of a distinctive artistic style.

**ARTS314 Painting III: Figure Painting (3)**

Figure Painting. Students learn strategies for representing the human figure, portraits, and figure groupings using a variety of paint media. Historical and contemporary painting methods accompanied by anatomical studies will guide students toward a personalized visual vocabulary. Prerequisite: ARTS110 or ARTS211, or consent of instructor.

**ARTS316 Sculpture III: Carving (3)**

Carving. Students learn historical and contemporary tools and techniques for subtractive sculpture in plaster, wood, and stone. Prerequisite: ARTS116.

**ARTS324 Painting IV: Landscape (3)**

Landscape Painting. Students learn strategies associated with representing landscape, architecture, and interiors using a variety of paint media. Historical and contemporary painting methods will guide students toward a personalized visual vocabulary. Outdoor painting sessions will be planned as weather allows. Prerequisite: ARTS110 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.

**ARTS412 Digital Illustration/Concept Art II (3)**

Continued refinement of a consistent, recognizable illustrative and creative style. Emphasis placed on conceptual development and the creation of a consistently professional body of work. Prerequisite: ARTS312.

**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.

**ARTS452 Contemporary Issues in Art (3)**

An art history seminar course that covers Postmodern art and addresses the major cultural shifts since the mid-twentieth century. Students will research, present, and discuss what is happening in today's art world and visit galleries in the Twin Cities.

**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 online 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, vertebrate organ systems and ecology. 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.

**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. Extra fee required. 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 or consent of instructor.

**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: BIOL151 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.

**BIOL491 Introduction to Human Gross Anatomy (4)**

A regional approach to the structure of the human body. Included are the limbs, trunk, and the head and neck. Cadaver dissection included. Two labs per week, lectures as needed. Additional course fee required. Prerequisites: BIOL151, BIOL152, BIOL221, and BIOL222. PHED350 strongly recommended.

**BIOL498 Biology Independent Research (1-6)**

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.

**BUSN297 Introduction to Entrepreneurship (3)**

The role and importance of entrepreneurship in the domestic and global economies is analyzed from both a historical and modern perspective. Topics include identification of successful entrepreneurial traits, sources of financing, feasibility analyses, business plan creation and presentation, and best practices for pursuing entrepreneurial ideas and ventures.

**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: ACCT210 and ACCT211.

**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.

**BUSN397 Innovation and Intrapreneurship (3)**

Entrepreneurial thinking and skills are valuable not only for self-employment, but within corporations and other non-entrepreneurial organizations as well. Increasingly, companies are finding that employees with entrepreneurial mindsets add unique value such as creativity, innovation, critical thinking, and justifiable risk-taking. Intrapreneurship exists when organizations allow employees to act like an entrepreneur within the organization to pursue innovative products, services, and projects. This course is designed to develop student ability in the areas of innovation, creativity, product/service development, and critical thinking. Prerequisites: BUSN297, BUSN310, and BUSN330, 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. Repeatable. Prerequisite: Consent of instructor.

**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.

**BUSN418 Sport Media, Sponsorship, and Sales (3)**

This course focuses in on some of the most important specific areas in the business of sports and entertainment. Students will learn about the connections to media and sponsorship, to promote your organization to potential sponsors and customers, finding the right sponsorship fits, and utilizing media to your advantage. This course is a complement to Sport Marketing. Prerequisite: BUSN330 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, promoting, and execution, connecting the 4P's of marketing to the sport industry, public relations and social media, and developing and maintaining the brand. Identifying a target market for an event. Understanding the sport consumer. 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.

**BUSN441 Marketing Research (3)**

This course examines the research process in general and from the perspective of marketing specifically. Topics including the identification of research problems/opportunities, formulation of research questions, development of marketing research plans, data collection and analysis, and report generation/presentation will equip students with an understanding of the scientific research process and empower them to coordinate practical marketing research projects for businesses large and small. Prerequisites: MATH120 and BUSN330.

**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 Strategic Management (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 the instructor.

**BUSN497 Entrepreneurial Management and Leadership (3)**

This capstone course in the Entrepreneurship emphasis focuses on long-term strategic management of entrepreneurial ventures. Topics include sources of financing, financial management, effective marketing, human resource planning, networking, and succession planning as related to entrepreneurial ventures. Expansion and growth strategies for new businesses from operational, tactical, and strategic foci will be studied and developed. Additionally, specific challenges and opportunities found in entrepreneurial management and leadership, the legal environment, and networking will be integrated throughout the course to strengthen the students' chances for success in a competitive domestic and global marketplace. Prerequisites: BUSN350 and BUSN397.

**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.

**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. Corequisite: Concurrent registration in MATH130 or MATH151. Prerequisites: 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.

**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.

**CHEM497 Research Arranged (1-3)**

Independent research under the guidance of a 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 the college newspaper, yearbook, and other college departments.

**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.

**COMM215 Competitive Debate (3)**

The study of argumentation in a practical setting. Students will learn the art of forming and defending arguments while competing in intercollegiate debate tournaments. While students will learn the foundation of persuasion, they will also gain an extraordinary amount of real-world knowledge and experience.

**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)**

Thorough 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)**

Advanced work in photography. Work is coordinated with the college newspaper, yearbook, and other college departments. For those with four previous credits in COMM201.

**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. Prerequisite: ENGL110 (Students must have earned a C or better).

**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 an elective.

### **COMS101 Computer Applications (1)**

Applications course focused on basic computer science concepts in a layered manner. Layers include information, hardware, programming, operating systems, applications, and communications.

### **COMS103 Intro to Programming I (3)**

An introductory course for computer science majors and minors with coding exercises using a high-level programming language. Programming topics include input/output, loops, decision structures, arrays, lists, and functions; concepts of data abstraction including primitive data types, strings, arrays, dictionaries and files. Emphasis is given to good programming style and problem-solving techniques for program design and structure, coding, documentation, debugging and testing.

### **COMS104 Intro to Programming II (3)**

A continuation of COMS103 utilizing an object-oriented programming language. This course builds on previous programming skills while introducing object-oriented analysis and design concepts such as encapsulation, inheritance, polymorphism, and operator overloading. The fundamental structure of objects and classes are explored and applied to advanced topics that include searching, sorting, and simple data structures. 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. Design patterns and elements of the Agile programming paradigm are introduced. 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 data communications and networking using the TCP/IP layered protocols approach. Topics include fundamentals of data transmission, LANs, WANs, packet routing and the underlying protocols. A brief look at network management and security round out this course. 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. Prerequisites: 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. Prerequisites: COMS304, COMS320, and consent of instructor.

**COMS499 Internship in Computer Science (1-4)**

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.

**COUN601 Lifespan Development (3)**

Provides students with an understanding of human development from birth to death. Introduces appropriate interventions that can be used in counseling people across their lifespan.

**COUN603 Counseling Skills and Strategies (3)**

Introduces students to the core concepts, methods, and skills needed to conduct effective interviews in a helping relationship. Students gain practical one-on-one listening skills, develop a framework for the counseling process, and develop competencies in building helping relationships. Students must attend Residency 1 during this course.

**COUN605 Intro & Orient to Profession: MHC (2-3)**

Provides an overview of the counseling field and the various roles of professional counselors. Specific topics include preparation for licensure, certifications, professional development and self-care, supervision, integration of faith, and a Christian worldview with the counseling profession.

**COUN607 Professional Issues and Ethics for the Mental Health Counselor (3)**

Explores professional issues for the counseling field. Specific topics include ethical standards (ACA Code of Ethics), ethical decision making, legal issues, consultation, and collaboration.

**COUN610 Counseling Theories (3)**

Introduces students to the major historical and contemporary counseling theories, focusing on empirical research, analysis of theory from a Christian worldview, and application of theory to case studies.

**COUN612 Career Counseling and Development (3)**

Overview of the theories of career development. Provides instruction on career counseling interview and intervention skills along with a focus on career assessment strategies.

**COUN613 Integration of Faith in Counseling Process (2)**

Explores the doctrines, faith-informed counseling skills, and techniques of Christian integration along with an emphasis on using advanced helping interventions and counseling strategies.

**COUN618 Crisis Intervention and Trauma-Informed Counseling Strategies (3)**

Provides an overview of the concepts and principles in crisis counseling, including implementation across a variety of settings and with various problems and concerns. Special attention is given to understanding the impact of trauma on the individual, family, and community. Implications for a trauma informed model of care are addressed.

**COUN622 Foundations of Addiction and Dual-Diagnosis Counseling (3)**

Introduction to the etiology of addiction co-occurring with mental illness. Provides instruction on prevention strategies, evidence-based assessment and intervention approaches when working in a dual-diagnosis setting, and a review of the current research on dual-diagnosis treatment.

**COUN625 Psychopharmacology of Addiction (3)**

A study of basic neuroanatomy and functioning, medications and medication issues in psychopharmacology, and implications prescription drugs have for treating individuals with a dual diagnosis.

**COUN630 Group Counseling (3)**

Provides both theoretical and experiential understandings of small groups, group counseling, group purpose, development, dynamics, and an overview of the major theories informing the practice of group counseling. Additionally, this course will contain an emphasis on group counseling methods, skills, and interventions. Students must attend Residency 2 during this course.

**COUN635 Counseling in Multicultural Society (3)**

A study of the social and cultural topics and issues of a multicultural and diverse society. Specific topics include age, gender, sexual orientation, education, socioeconomic status, ethnicity, nationality, religious values, spirituality, and mental/physical characteristics. Cross-cultural approaches will be explored.

**COUN640 Family and Couple Counseling (3)**

Overview of the systemic theories that inform family and couple counseling. Healthy relational functioning, contemporary issues in families and couples, and effective counseling techniques will be addressed.

**COUN642 Counseling Children and Adolescents (3)**

Explores the fundamental skills, strategies, and interventions for counseling children and adolescents across a variety of settings; including, schools, multidisciplinary clinics and hospitals, in-home, and residential programs.

**COUN645 Human Sexuality (3)**

Provides an overview of psychological, developmental, social-cultural, and spiritual variables associated with sexuality.

**COUN661 Research and Evaluation in Counseling and Education (3)**

This course will prepare students to engage in understanding and critically evaluating research in education and the mental health field. Students will gain a thorough knowledge of APA format and experience in designing, implementing, and presenting research and program evaluation.

**COUN680 Appraisal in Mental Health Counseling (3)**

Survey of measurement and evaluation techniques that can be used in individual, family, and group services. Students will gain experience analyzing and interpreting psychometric data from standardized instruments, self-report forms, objective and projective assessments. The ethical considerations of testing and assessment will be discussed.

**COUN683 Psychopathology & Diagnosis: Childhood through Adulthood (3)**

Provides information on the etiology, prevalence, current literature, and diagnostic classification of psychopathology from childhood through adulthood. Diagnostic methods using the Diagnostic and Statistical Manual of Mental Disorders will be emphasized.

**COUN685 Clinical Intervention and Treatment Planning (3)**

This course will review the current literature on evidence based clinical counseling interventions and prepare students to develop targeted treatment plans for the prevention and treatment of mental disorders and dysfunctional behaviors.

**COUN690 Capstone (2)**

This course serves as a professional experience where students integrate core counseling concepts: Evidence-based practice and faith informed clinical identity and practice into a professional project to be presented during Residency III's professional symposium. Prerequisite: COUN661.

**COUN695 Counseling Practicum (3)**

The initial supervised, field-based, clinical experience in providing counseling services. The practicum course required a minimum of 100 clock hours (40 direct service hours). Supervision will be onsite and in class. This course has a synchronous component of weekly supervision facilitated by faculty. The timing of this supervision is determined by the course instructor.

**COUN697 Counseling Internship I (1-3)**

Supervised, field-based, clinical training where students will gain direct experience in the diagnosis and treatment of mental health issues. Internship requires a total of 600 clock hours (240 direct service hours) between Internship I and II. Supervision will be onsite and in class. This course has a synchronous component of weekly supervision facilitated by a faculty. The timing of this supervision is determined by the course instructor. Prerequisites: COUN603, COUN630, and COUN695.

**COUN698 Counseling Internship II (1-3)**

Supervised, field-based, clinical training where students will gain direct experience in the diagnosis and treatment of mental health issues. Internship requires a total of 600 clock hours (240 direct service hours) between Internship I and II. Supervision will be onsite and in class. This course has a synchronous component of weekly supervision facilitated by a faculty. The timing of this supervision is determined by the course instructor. Prerequisites: COUN603, COUN630, and COUN695.

**COUN699 Counseling Internship III (1-3)**

Supervised, field-based, clinical training where students will gain direct experience in the diagnosis and treatment of mental health issues. Internship III provides students with additional hours of academic supervised clinical experience. Supervision will be onsite and in class. This course has a synchronous component of weekly supervision facilitated by a faculty. The timing of this supervision is determined by the course instructor. Prerequisite: COUN698.

**ECON203 Principles of Macroeconomics (3)**

This course looks at the economy as a whole. Topics include concepts of scarcity; economic decision-making; supply, demand, and market interaction; gross domestic product; business cycle; aggregate demand and supply; unemployment; inflation; economic growth; monetary and fiscal policies.

**ECON204 Principles of Microeconomics (3)**

Concepts of scarcity; economic decision-making; supply, demand, and market interaction; elastic and inelastic of products; cost structure; and price and output under different market structures.



**ECON330 International Economics (3)**

A study of international economics. Topics include Absolute Advantage, Comparative advantage, gain from specialization, the impact of trade, tariff, nontariff trade barriers, exchange rate determination, trade agreements, and balance of payment. Prerequisites: ECON203 and ECON204.

**EDAR444 Methods in Teaching Middle Level and Secondary Art (3)**

This course combines theory, methodology, and strategies specific to instruction in visual arts for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDEN444 Methods in Teaching Middle Level and Secondary Communication Arts and Literature (3)**

This course combines theory, methodology, and strategies specific to instruction in English Language Arts for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDHL444 Methods in Teaching Middle Level and Secondary Health (3)**

This course combines theory, methodology, and strategies specific to instruction in health for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDMA444 Methods in Teaching Middle Level and Secondary Mathematics (3)**

This course combines theory, methodology, and strategies specific to instruction in math for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDPE444 Methods in Teaching Middle Level and Secondary Physical Education (3)**

This course combines theory, methodology, and strategies specific to instruction in physical education for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDSS444 Methods in Teaching Middle Level and Secondary Social Studies (3)**

This course combines theory, methodology, and strategies specific to instruction in social studies for middle and high school students. The course includes instruction during which future teachers of grades 5-12 prepare and teach curriculum grounded in best practices for the middle and secondary levels. Candidates further attain proficiency in reading in the content areas as is required by state mandate. Following this classroom instruction, candidates are assigned to an adjunct instructor in a local school to complete the clinical experience and content area specific standards.

**EDUC100 Introduction to Education (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 a field experience in a classroom. Students must attempt the MTLLE Basic Skills battery (reading, writing, mathematics) to receive course credit.

**EDUC212 Foundations of Literacy (3)**

This course serves as an introduction to the fundamentals of linguistics - phonetics, phonology, morphology, syntax, semantics, and pragmatics. A major purpose of the course is to build foundational knowledge regarding English language sounds and sound patterns (phonetics and phonology), word and sentence structure (morphology and syntax), and linguistic meaning (semantics and pragmatics) that will help the student develop proficiency in using and teaching the language arts and Standard Written English (SWE). In addition, there is a significant emphasis on speaking in a formal or professional setting. Students will practice and implement research-based handwriting (manuscript and cursive) instruction and appropriate interventions for students with dysgraphia or motoric deficits critical for handwriting.

**EDUC230 Educational Psychology & 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.

**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.

**EDUC320 Early Literacy (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.

**EDUC325 Intermediate Literacy (3)**

This course studies the methods and materials for teaching reading for elementary and upper elementary grades. Students identify and critique books dealing with universal, cross-cultural, gender-fair, and special needs themes in the light of Christian principles. Students will gain knowledge of the foundations of reading processes, development, and instruction. They will demonstrate the knowledge of fundamental concepts of communication arts and literature and the connections between them.

**EDUC342 Methods of Elementary Social Studies (1)**

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.

**EDUC360 Teaching Science in Elementary Classrooms (3)**

An overview of the methods, materials, and research related to the teaching of science in the elementary 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.

**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.

**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.

**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.

**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.

**EDUC426 Integrating the Fine Arts in Elementary Education (2)**

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.

**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.

**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.

**EDUC456 Classroom Management (2)**

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. Prerequisite: Acceptance to education major.

**EDUC486 Capstone for Professional Educators (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.

**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.

**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.

**EDUC499 Educational Studies Internship (2-15)**

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.

**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: ENGL100 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 Old English literature, with an emphasis on Beowulf, and continues with Middle English literature, with an emphasis on *The Canterbury Tales* by Chaucer. Students are also introduced to the Arthurian legend, as well as its French counterparts. Modern English literature concludes with the Victorian age.

**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 Adv English Practicum, Literary Magazine (1-2)**

Building on skills acquired in ENGL102, this course provides students with advanced work on the literary magazine. Previous credits in ENGL102 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.

**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 Neoclassical 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: Romantics & Victorians (3)**

This course begins with selected Romantic poets and continues with selected Victorian poets and novelists, with emphasis placed on the historical, intellectual, and social influences on authors across generations.

**ENGL326 The Life and Writings of Charles Dickens (3)**

Students study a novel by Charles Dickens, along with his simplified "The Life of Our Lord" for children, in the context of Victorian culture. This course includes literary influences on Dickens and Dickens' influence on culture.

**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.

**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 (1-3)**

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, by permission only.

**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 (1-4)**

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.

**ENSL140 International Student Orientation (1)**

A 10-day intensive course geared to ready international students for life and studies in the United States.

**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, by permission 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.

**GRDS230 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 and effective solutions, and the efficient utilization of software typically used for print design.

**GRDS330 Graphic Design II: Graphic DesignStudio (3)**

The continued study of the theory, tools, and professional practices of the graphic design field. Prerequisite: GRDS230.

**GRDS332 Graphic Design III: Introduction to Web and UX Design (3)**

Introduction to the basic principles and methodology of the web/user interface designer. Topics include user experience (UX) design, and the various avenues available for the construction of a compelling web site. Prerequisites: GRDS230 or consent of instructor.

**GRDS336 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: GRDS230.

**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 ancient Greek grammar and syntax. Selected and adapted readings from ancient Greek literature, especially the New Testament.

**GREK102 Introduction to Greek II (4)**

Introduction to ancient Greek grammar and syntax. Selected and adapted readings from ancient Greek literature, especially the New Testament. Prerequisite: GREK101.

**GREK304 Advanced Greek: Plato's Symposium (3)**

Readings from Plato's Symposium and its reception in early Christian literature. Special attention to Attic style and Plato's philosophical thought. Prerequisite: GREK305.

**GREK305 Intermediate Greek: The New Testament I (3)**

Readings from the Gospel of John. Special attention to advanced grammar and syntax. Prerequisite: GREK102.

**GREK306 Intermediate Greek: The New Testament II (3)**

Selected material from Luke, Paul, and early Christian writings. Special attention to advanced grammar and syntax. Prerequisite: GREK305.

**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, 1901-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. Recommended: HIST355.

**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 of globalization. Course materials include historical narratives, biographical accounts and commentaries, scholarly analyses, and film. Recommended: HIST122.

**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.

**HIST405 Native American History (3)**

A survey of Native American history from the indigenous era to the present, with a critical evaluation of competing historiographies and applications of scholarly debates to issues concerning cultural integrity.

**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.

**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.

**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 women'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, Social Studies, American Studies, 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, Social Studies, American Studies, 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 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 lifespan; includes interaction and function of nutrients in metabolic processes and examines dietary choices related to behavior and health.

**HLTH206 Advanced First Aid and CPR (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.

**INST201 Introduction to Interdisciplinary Studies (1)**

This foundational seminar provides an orientation to the importance of interdisciplinary thinking. It considers topics such as the origins and development of liberal arts education, its intrinsic and instrumental value, the interaction of faith and learning, and encourages students to recognize the mutually reinforcing nature of all fields of learning within a liberal arts setting. The course serves as the context in which Interdisciplinary Studies majors design their course of study.

**INST497 Interdisciplinary Studies Independent Research (3)**

A capstone for interdisciplinary studies majors in their final semester, this course provides the setting in which students create a semester-long research project that integrates knowledge, skills, and methods honed through their personalized Interdisciplinary Pathways. Prerequisite: INST201.

**INST498 Interdisciplinary Studies Professional Portfolio (0)**

Interdisciplinary Studies majors must register for this course their last semester on campus. It serves as the Pass/Fail course in which students present their capstone experience. Prerequisites: INST201. Corequisite: Either INST497 or INST499.

**INST499 Interdisciplinary Studies Internship (3-6)**

An internship related to the student's Interdisciplinary Pathway 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 experience to the Bethany community in INST498. Prerequisites: INST201 and consent of Interdisciplinary Studies Program Director.

**LEGL100 Mock Trial (1)**

Mock Trial is for students interested in practicing their legal advocacy skills. Students can participate by acting as attorneys or witnesses in a hypothetical trial process. The team competes through the American Mock Trial Association and alternates yearly between civil and criminal cases. Students of all majors are welcome.

**LEGL105 Introduction to Criminal Justice (3)**

This course provides an introduction to the criminal justice system. This course is designed to develop a general understanding of the criminal justice system's response to crime in society.

**LEGL205 Community Policing (3)**

Study of community policing, particularly in the United States. Covers history and development of community policing, community relations, problem solving, and issues of organizational change.

**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.

**LEGL306 Evidence (3)**

This course involves analysis of the principles governing proof of facts in litigation under the state and Federal Rules of Evidence and under common law. Areas emphasized include relevance, hearsay, direct-examination and cross-examination, impeachment of witnesses, expert testimony, and privileges.

**LEGL308 Business Law (2)**

This course provides a study of laws encountered in the operation of business. Students are introduced to our Anglo-American system of law, its sources, history and development. The course includes the law of contracts, torts, product liability, intellectual property, real estate, and human resources.

**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.

**LEGL405 Criminal Law (3)**

This course introduces students to the study of substantive criminal law. The major topics of study include the purposes of criminal law, the elements of criminal law, defenses to crimes, criminal sanctions, constitutional limits on criminal law and the entrepreneurial mindset as applied to an issue in criminal law.

**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.

**MART113 Photography I (3)**

Introduction to the technical, conceptual and historical aspects of still imagery through digital technology. A thorough understanding of digital editing software will be achieved.

**MART197 Audio Video Production Basics (3)**

Students receive instruction and hands-on experience with equipment for audio and video production. This introductory course emphasizes working within the various production phases utilizing widely available technologies.

**MART213 Photography II (3)**

Introduction to interior and exterior applications of lighting for both still and video imagery. Emphasis on editing advancements, color theory, color balance, composition, content concept and critical analysis. Prerequisite: MART113 or consent of instructor.

**MART265 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.

**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.

**MART313 Light Design & Control (3)**

This course covers the theory and practice of lighting techniques for single camera photography and video production.

**MART314 Advanced Camera Techniques (3)**

This course will address the technical and aesthetic aspects of cinematography with an emphasis on developing techniques and operating methods that will prepare each student to transition to a professional working environment. Prerequisite: MART113, MART295, or MART297.

**MART325 Stop Motion Animation (3)**

An introduction to camera-based animation techniques. Students will learn how to work with 2D, 3D, miniature and life-scale materials for the purpose of creating the illusion of motion through time. Physical craft skills are developed alongside technical training in digital equipment.

**MART330 Motion Graphics 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 a strong understanding of design and motion theory prior to this course. Prerequisite: GRDS230.

**MART397 Advanced Audio/Video Production (3)**

An advanced version of MART297 with expanded requirements for students with extensive production backgrounds.

**MART435 Digital 3D Design and Animation (3)**

This course introduces several techniques for digital 3D modeling and animation using industry standard software in the field of motion graphics. Students will visualize and execute still and motion media designs for a variety of applications. Coursework includes technical and design exercises in addition to a final project.

**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 - 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 in which mathematical thought and reasoning are 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 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. Students need to be proficient in Intermediate Algebra. This course is intended for Education majors only.

**MATH115 Quantitative Reasoning (4)**

This course aims to develop competence and fluency with quantitative data to understand and create sophisticated arguments supported by valid quantitative evidence. Algebraic reasoning, decision-making, and modeling skills will be emphasized while investigating topics such as interest, investing, proportional reasoning, linear and exponential growth and decay, and mathematical modeling and analysis. This course qualifies as a general education problem-solving core requirement.

**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, MATH115, MATH130, MATH151, or consent of instructor.

**MATH130 Applied Algebra and Trigonometry (4)**

This course is designed to study topics in algebra and trigonometry through the perspective of applications. Concepts studied include polynomial, rational, exponential, logarithmic, and trigonometric functions. Additional topics include right triangle trigonometry, trigonometric identities, and laws of sines and cosines. The course focuses on mastery of critical skills and exposure to new skills necessary for success in subsequent math courses.

**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. A solid background in algebra and trigonometry is expected.

**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.

**MATH325 Advanced Probability and Statistics (4)**

A calculus-based course covering topics of probability and statistics, including probability, random variables and probability distributions, joint probability distributions, functions of random variables, statistical inference (both estimation and hypothesis testing), analysis of variance, regression, and correlation. Prerequisite: MATH243.

**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: MATH151 and COMS103, 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.

**MATH360 Graph Theory (3)**

Graph theory studies networks of nodes and edges. It is fundamental to solving problems in computer security, parallel processing, traffic flow and scheduling. Possible topics covered include connectivity, trees, spanning trees, coverings, paths, circuits, planarity, colorability, digraphs, domination, matchings, Ramsey theory, extremal graph theory, random graphs, and weighted graphs. Prerequisite: MATH295 or consent of instructor.

**MATH375 College Geometry (3)**

The course will begin with the discoveries of ancient mathematicians such as Archimedes, Eratosthenes, and the Father of Geometry, Euclid. Advanced Euclidean geometry will be studied through rigorous deductive proof. The second half of the semester includes geometry based upon other axiomatic structures: 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. Prerequisites: MATH351 and 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.

**MATH441 Real Analysis (3)**

A course in rigorous analysis involving proofs of the theories behind calculus. Topics include real numbers, metric spaces, proofs of the convergence of sequences and series, proof of continuity of functions, and the theories of differentiation and Riemann integration. Prerequisite: MATH243 and MATH295, or consent of the instructor.

**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.

**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, combinatorics, differential geometry, set theory, number theory, advanced linear algebra, advanced abstract algebra, advanced statistical methods, and Galois theory. Prerequisites: Mathematics major or consent of instructor.

**MATH493 Introduction to Mathematical Research (1)**

This seminar aims to develop scholarly interests while challenging students to become independent thinkers by polishing the students' analytical, research, and presentation skills from the variety of mathematics areas studied. As the first course in a capstone sequence, it is designed to impart skills and techniques essential to students undertaking their independent research projects. Prerequisite: Upper division mathematics major 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. Prerequisite: MATH493 or 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 prepare a poster and give a presentation of successful completion of learning outcomes from the internship. Prerequisite: Consent of faculty advisor.

**MILS101 Intro to Army and Critical Thinking (1)**

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)**

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 (2)**

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 (2)**

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.

**MILS212 Leadership and Teamwork (2)**

Study examines how to build successful teams, various methods for influencing action, effective communication in setting and achieving goals, the importance of timing decisions, creativity in the problem solving process, and obtaining team buy-in through immediate feedback.

**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, Leader's Training Course, and Cadet Troop Leader Training. Students must be enrolled in ROTC to take this course.

**MILS299 Individual Study (1-8)**

This independent study course requires prior coordination with the instructor before registration. 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 (3)**

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 (3)**

Continuation of MILS301 course. Prerequisite: MILS301.

**MILS366 Advanced Camp (3)**

This course is a rigorous and demanding 32-day internship held at Fort Lewis, WA, 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 and undergo testing on a variety of skills and topics. Limited to cadets contracted with the US Army.

**MILS401 The Army Officer (3)**

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 of 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. Students also administer fitness tests to underclassmen which measure the cardiovascular endurance and upper and lower body strengths. Students are required to successfully pass the Army 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 registered ROTC Cadet to participate.

**MILS499 Individual Study (1-8)**

This independent study course requires prior coordination with the instructor before registration. Limited to ROTC Cadets who executed an enlistment contract with the U.S. Army.

**MISY300 Software Applications (3)**

Using intermediate and advanced features of Microsoft Excel 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.

**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 benefits will be analyzed. Organizational change as it relates to IT development will be explored.

**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 community organization will be encouraged to combine the classroom learning with community service.

**MUSC101 Music Fundamentals (3)**

This course will provide the student with an introduction to the basic concepts of music theory: notation, scales, intervals, chords. Student will learn to read, write and perform music in a fun and safe atmosphere. No musical background necessary.

**MUSC102 Music Appreciation (3)**

Introduction to music as artistic expression. This course will provide an overview of music throughout the ages, studying different periods in history through the lens of the basic elements of music. Student will listen to and study a wide variety of musical styles from Gregorian Chant to modern popular music. No musical background necessary.

**MUSC111 Music Theory I (3)**

Building a foundation of diatonic harmonic vocabulary. Introduction to part-writing. This course is designed for students who have a basic knowledge of music notation, scales, intervals, and chords.

**MUSC112 Music Theory II (3)**

Continuation of MUSC111 - Music Theory I. Melodic analysis and reduction, analysis of musical phrases and form.

**MUSC114 Music Skills I (2)**

Ear training, sight singing, keyboard harmony, and recorder. Melodic and rhythmic dictation. Solfège syllables and hand symbols will be taught.

**MUSC115 Music Skills II (2)**

Continuation of MUSC114 - Music Skills I. Sight reading, keyboard performance of melody and harmony. Additional skills in score reading through the use of handbells.



**MUSC125 Choraliers (0)**

The Winter Musical is open to all students. Principal roles are chosen by audition; chorus is open to anyone without an audition. Student should register for this course whether on-stage or backstage. Rehearsals are once a week in the Fall Semester, and daily in January of the Spring semester with performances late January/early February. No experience is necessary.

**MUSC130 Concert Choir (1)**

The Concert Choir is a mixed ensemble selected by audition at the beginning of the fall semester. Primary repertoire is drawn from the classic, sacred tradition. The group performs regularly in chapel, as well as the Christmas at Bethany concerts and the spring choir tour. Rehearses three days a week for 90 minutes each day.

**MUSC132 Mary Martha Singers (0)**

Women's Chorus chosen by audition in the Fall and Spring Semesters. Mary Martha Singers perform for Vespers, Christmas at Bethany, the Spring Choir tour and other various opportunities. Rehearses twice a week for 50 minutes on Mondays and Wednesdays. Students can participate in Concert Band and Mary Martha concurrently as well as other musical organizations.

**MUSC135 Concert Band (1)**

The Concert Band involves a wide variety of wind and percussion instruments, and welcomes musicians from any major. The fall semester features an alumni invite mid-semester and closes with the Christmas at Bethany concerts. The spring semester begins with preparations for tour either before or during spring break and concludes with a shared finale with the Chamber Orchestra. Rehearses four days a week for 50 minutes each day.

**MUSC140 Handbells (0)**

Handbell Choir rehearses once a week and is chosen by audition in the fall and spring. Familiarity with reading musical notation is preferred. Handbells perform for Christmas at Bethany, the Spring Choir Tour, and occasionally in chapel.

**MUSC152 Chamber Orchestra (0)**

Chamber Orchestra rehearses once a week and plays each month in chapel. The primary concert in the fall is Christmas at Bethany, and the main concert in the spring is the finale with the Concert Band. We also go on a mini tour each year and frequently attend performances by the St. Paul Chamber Orchestra.

**MUSC153 Chapel Brass (0)**

May be offered concurrently with Concert Band, and membership is drawn, by audition, from Concert Band.

**MUSC154 Drumline (0)**

Drumline rehearses once a week and performs nearly each week during the first two months of classes. In the past, performances have been at soccer and basketball games, cross country meets, Homecoming Weekend, Theatre Physics, and occasional travel to local high schools. The Drumline welcomes drummers and non-drummers alike.

**MUSC155 Jazz Ensemble (0)**

Jazz Ensemble rehearses once a week on late Monday afternoons and typically performs three times each semester. Not only do they enjoy performing a variety of styles from classic big band repertoire to today's composers, but they also collaborate with many vocalists.

**MUSC161 Introduction to Conducting (1)**

Introduction to basic conducting patterns and problems. Students will demonstrate leadership gestures and conduct a small group in folk melodies, hymn tunes 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 the 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), and harp. 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.

**MUSC212 Music Theory IV (3)**

Continuation of MUSC211. Analysis of music from the 19th into the 21st century. Expansion of harmonic vocabulary.

**MUSC214 Music Skills III (2)**

Perform individual notes and chords on the guitar through reading of standard notation, tablature, and chord diagrams. Basic approaches to songwriting and chord progressions explored. Identification of intervals through sound and foundational improvisation techniques.

**MUSC215 Music Skills IV (2)**

Use of sight singing through solfège and Curwen hand signs. Basic drum set, piano, and vocal warm up skills introduced. Understanding of time signature and rhythmic subdivisions through active production of sound. Recognize dictation of rhythms and basic melodies in standard notation.

**MUSC221 Music History I: Middle Ages & Renaissance (3)**

Study of repertoire of major styles of composers from ancient times through the Renaissance.

**MUSC222 Music History II: Baroque & Classical Eras (3)**

Study of repertoire of major styles and composers of the Baroque and Classical eras.

**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 RELG235.)

**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), and harp. 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.

**MUSC321 Music History III: Romantic & Modern Eras (3)**

Study of repertoire of major styles and composers from the Romantic and Modern eras.

**MUSC335 Music Theatre (3)**

A survey of the musical theatre, including history, repertory, form and style. From Gilbert and Sullivan to the present.

**MUSC361 Choral Conducting (3)**

Choral techniques and rehearsal procedures. Repertoire and its historical place in liturgy, especially as it applies to the Lutheran tradition.

**MUSC362 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.

**MUSC374 Piano Pedagogy and Literature (3)**

Introduction to the teaching of piano. Students in the course will study various approaches to piano instruction as well as methods and repertoire. A survey of piano composers and compositions from 1830 to the present.

**MUSC375 Vocal Pedagogy and Literature (3)**

Introduction to teaching voice. Students will study various approaches to vocal instruction as well as methods and repertoire. Prerequisite: MUSC190A or consent of instructor.

**MUSC376 Instrumental Pedagogy (3)**

Introduction to teaching of instruments. Students will study various approaches to instruction on various instruments as well as methods and repertoire. Prerequisite: MUSC190D 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), and harp. Prerequisite: Consent of instructor. Additional fees required. Scholarships may be available.

**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. Prerequisite: 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 a 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), and harp. Primarily for students preparing for recitals. May be combined with MUSC475 - Recital for the Music major capstone. Prerequisite: 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 a 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.

**NURS301 Fundamentals of Professional Nursing (4)**

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. Prerequisites: Minimum of C+ in BIOL101 or BIO151, and in CHEM107 or CHEM113, as well as in BIOL221 and BIOL360; otherwise Director of Nursing approval is needed to register for the 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, culture, 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.

**NURS331 Pathophysiology for Nursing (4)**

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 diseases 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 a long-term care setting. 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. Field experiences will occur in an experiential learning international module and multicultural activities. 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. Students will relate health care issues and trends to principles of nursing care. 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 hospital and community 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 traditional and non-traditional health care 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, thought disorders, and mood disorders. Clinical practicum experiences will

occur in inpatient and community 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 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 on the transition from student role to entry level professional nursing as part of a multidisciplinary healthcare 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 the 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 professional portfolio. This course is required for the B.S. in Nursing. Only students progressing in the Nursing major may register for this course.

**NURS499 Nursing Internship (1-4)**

Nursing-related field experience with an approved healthcare agency fulfilling an individual learning contract negotiated between student, faculty advisor, and health care agency. Nursing majors only, by permission. Credits do not fulfill major requirements and are applied as elective.

**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.

**PHED221 Introduction to Team Games (3)**

The purpose of this course is to develop the techniques utilized in fundamental skills for team sports. This course will also focus on the various stages of games skill development. An emphasis will be placed on designing a variety of learning experiences for grade appropriate sports.

**PHED222 Introduction to Lifetime Sports (3)**

Review the basic fundamentals of single or dual participation sports activities such as tennis, racquetball, badminton, bowling, and golf. Included will be the game rules and strategy for team play. Effort will be directed toward helping the individual develop basic skills, understanding, and value derived from active participation. Additional fee 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.

**PHED316 History & Philosophy of Health, Physical Education, and Sport (3)**

An introduction to the professional field of health, physical education, and sport. The course will broaden the student's understanding of the history, current trends, practices, philosophies, ethics, and professional opportunities related to Physical Education and sport.

**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.

**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.

**PHED475 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.

**PHED485 Advanced Exercise Science Issues (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, BIOL222, and PHED460.

**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: MATH130 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.

**PSYC100 General Psychology (3)**

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.

**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. This course is of particular value to those seeking greater understanding and appreciation of God's masterpiece, men and women.

**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: PSYC100 or PSYC120, and declaration of psychology as major.

**PSYC310 Personality (3)**

Examines the major 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: PSYC100.

**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 are explored. 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 aging as a normative process, and explore the implications to their current and future life choices. 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. Recommended: PSYC100 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). Recommended: PSYC100 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 group dynamics. This course is particularly useful to those pursuing careers involving group work and social interactions. Recommended: PSYC100.

**PSYC345 Science Fiction Through the Lens of Psychology (3)**

Provides an opportunity for students to explore cutting edge research within the field of psychology, master recognition and application of key psychological concepts, all the while immersing themselves in the science fiction literature. Students become familiar with the key science-fiction sub-genres, representative authors, texts, and videos. These are used as vehicles to explore key concepts of psychology and explore cutting-edge psychological research. Designed for psychology students, but open for all majors.

**PSYC350 Abnormal Psychology (3)**

Investigates the nature of characteristics of abnormal human behavior including 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: PSYC100.

**PSYC365 Facilitating Groups (3)**

This course addresses the fundamental concepts and theoretical framework for group work and provides guidelines for such practice. The course examines how group leaders can effectively lead, and through that leadership provide opportunities for interpersonal support, team building, and confrontation. Students become acquainted with group theory, research, and the conventional concepts pertaining to group process, dynamics, and leadership. Students also gain hands-on skills as group leaders via in-class demonstrations and role-playing. 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: PSYC100 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, health, medical, sociological, or psychological fields. 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: PSYC100, 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. 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)**

Designed to provide an understanding of the various theories and models of counseling, and provides students with the opportunity to learn and practice a variety of helping skills. Introduces students to the necessary concepts, methods, and helping skills used in counseling, social work, human resources, and 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: PSYC100 and senior standing within the major/minor.

### **PSYC480 Topics in Psychology (1-3)**

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: PSYC100 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: PSYC100 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, or RELG108, is one part of a required sequence (108&109 or 110&111) of introductory courses 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, or RELG109, is one part of a required sequence (108&109 or 110&111) of introductory courses 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 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 (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 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.)

**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.

**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.

**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.

**SMNR101 Freshman Seminar (2)**

Designed to give new students the information and skills necessary to succeed in college. This course further seeks to promote an awareness of the goals of Christian higher education as it relates to student growth and to a commitment to life-long 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 the opportunity to bring the elements of their Bethany experience together as they transition from academic to professional endeavors.

**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 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.

**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 have 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)**

Provides an introduction to theory and research methods in the social sciences. Topics include philosophy of science, measurement, ethical issues in conducting research, quantitative and qualitative research design, and data analysis/interpretation. Students will develop skills involved in the research process related to the social sciences and learn to distinguish sound conclusions from those based on faulty reasoning or flawed experiments.

**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 displays 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 provides 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.

**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.

**SPAN211 Introduction to Latin American Identities (3)**

SPAN211 is taught in English and is aimed at students with little or no knowledge of the region. We begin with the indigenous cultures that existed in Latin America prior to the arrival of the Spaniards. The course continues through the conquest of Latin America and its impact on Latin American society today, specifically in the USA. This course creates culturally literate students who, upon completion of the course, appreciate and differentiate the various Latino cultures in the USA.

**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.

**SPAN310 Latin America and Iberian Cinema (3)**

This course examines significant and influential films produced in Spain and Latin America, studied in social, political, ethical, and cultural context. This exposure to landmark and contemporary Spanish-language films will challenge the student to examine the forces that have shaped modern Hispanic culture and identity. Students will engage with the coursework through readings, film screenings, cultural materials, class discussions, and written assignments. Conducted entirely in Spanish. Prerequisite: SPAN305.

**SPAN320 History and Culture of Spain (3)**

An overview of the history and culture of Spain from prehistory 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: SPAN305 or consent of instructor.

**SPAN340 Spanish Literature (3)**

This course will be taught through an agreement with Wisconsin Lutheran College. Why do we study stories? Stories sit at the basis of our cognitive structure. We look at the world through stories. There's a hierarchy of stories, some are better than others, deeper than others. Great literature is deep (it holds its value over time); deep means affecting many things simultaneously. Deep narratives are at the base of our culture and everything in our culture depends on them. Stories posit cultural structures to the world. The stories and poetry we read in this class will guide us to better understand not only Spanish culture, but Culture in general. Additionally, reading and discussing them in Spanish will help raise your level of articulation. Our stories begin in the Medieval Period and stretch to the 20th century with readings about the Guerra Civil Espanola and the dictatorship of Francisco Franco. Prerequisite: SPAN305.

**SPAN350 Latin America Literature (3)**

This course will be taught through an agreement with Wisconsin Lutheran College. Why do we study stories? Stories sit at the basis of our cognitive structure. We look at the world through stories. There's a hierarchy of stories, some are better than others, deeper than others. Great literature is deep (it holds its value over time); deep means affecting many things simultaneously. Deep narratives are at the base of our culture and everything in our culture depends on them. Stories posit cultural structures to the world. The stories and poetry we read in this class will guide us to better understand not only Latin American culture, but Culture in general. Additionally, reading and discussing them in Spanish will help raise your level of articulation. In this class we will begin our survey of early Latin American literature with the first pieces recorded on the South American continent such as Popul Vuh and continue through the 20th century. Prerequisite: SPAN305.

**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.

**SPAN495 Spanish Senior Thesis (3)**

This course will be taught through an agreement with Wisconsin Lutheran College. The Spanish Senior Thesis as the Capstone experience for the major is designed to be an open concept project. The student may write on any subject he or she is interested in that focuses on a Hispanic theme.

**SPAN498 Spanish Study Abroad (1-6)**

The Spanish Study Abroad Program represents an exceptional opportunity to increase Spanish proficiency and to experience a Latino culture. The program is open to all BLC students. Students from all language levels (beginner through advanced) are welcome.

**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.

**SPED300 Special Education IEP & 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.

**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.

**SPED340 Behavior Mgmt & 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.

**SPED350 Special Education Practicum I (1)**

This practicum prepares students to increase their understanding of special education practices, with a program focused 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.

**SPED360 Special Education Practicum II (1)**

This practicum prepares students to increase their understanding of special education practices, with a program focused 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.

**SPED370 Consultation, Collaboration & 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.

**SPED400 Behavioral Methods & 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.

**SPED401 Principles and Strategies for Effective Inclusion (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.

**SPED403 Emotional, Behavioral, and TraumaBased Disorders (3)**

A course in the background of EBD, the origins of behavior disorders, the types of behavior disorders, and the procedures associated with the assessment of these disorders.

**SPED404 Supporting Students with Autism (3)**

Students will plan and practice comprehensive assessment for ASD evaluation. Based on data and collaboration, students will design instruction for students with ASD that include communication and assistive technology systems. Instructional programming will focus on strategies and support for individuals with ASD and promote social participation and interpersonal interactions.

**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 script analysis, improvisation and scene work.

**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 & Design (3)**

An introductory course in contemporary scenic 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. To further understand the voice, basic anatomy of the vocal mechanism and proper techniques for its use will be covered, as well as the examination of commonly used stage dialects. Utilization of the International Phonetic Alphabet will also be employed in the study of vocal mechanics. This course also deals with the vocal performance of various kinds of literature, including poetry and prose.

**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 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.

**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 fabric 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. Prerequisite: 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 (1-3)**

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.

**THTR499 Theatre Internship (1-3)**

Theatre-related field experience with an approved agency fulfilling an individual learning contract negotiated between the student, faculty advisor, and worksite. Only three credits may apply toward fulfilling requirements for the major. 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)**