

# academic cataLog

EFFECTIVE AUGUST 1, 2010



**BETHANY**  
LUTHERAN COLLEGE



# Table of Contents

Mission Statement.....	5
Accreditation.....	5
Philosophy and Objectives .....	6
Organization and Administration .....	7
Admissions and Academic Information.....	9
Fees and Payments.....	11
Financial Aid.....	12
Academic Programs and Services.....	13
Academic Policies.....	14
Registration Policies .....	16
Bachelor of Arts Degree and Graduation Requirements .....	18
Majors, Minors and Degrees .....	23
Biology Major.....	24
Broad Field Social Studies Major .....	27
Business Administration Major .....	31
Chemistry Major .....	35
Coaching Certificate.....	37
Communication Major .....	38
Education Major.....	41
Engineering–Dual Degree Program - Physical Science Major .....	46
English Major .....	48
Exercise Science Major .....	51
History Major .....	53
Liberal Arts Major .....	57
Mathematics Major.....	66
Media Arts Major .....	68
Music Major .....	70
Psychology Major .....	75
Religion Major.....	78
Sociology Major.....	80
Studio Art Major .....	82
Theatre Major.....	86
Course Descriptions .....	91
Faculty .....	149
Administration .....	153
Professional Staff.....	155
Map.....	157
Index.....	158

## Academic Calendar

The academic calendar is available on our website at [www.blc.edu/calendar](http://www.blc.edu/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 Web site at [www.blc.edu](http://www.blc.edu) for updates.



general  
information

# Introduction

For over 80 years Bethany Lutheran College has provided a quality 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, owned and operated by the Evangelical Lutheran Synod, is a private, residential, liberal arts college committed to the teachings of the Bible as set forth in the Lutheran Confessions. Bethany provides studies culminating in a Bachelor of Arts degree. The college serves Lutherans and others by offering a challenging, student-centered approach to education that fosters spiritual development, intellectual and creative growth, self-understanding, and responsible citizenship. In keeping with its heritage, Bethany aspires to produce students with a clear understanding of Christian vocation, which encourages students to make the most of their God-given talents.

## Location

The Bethany Lutheran College campus overlooks the Minnesota River Valley in Mankato, Minnesota. The population in the Greater Mankato area is approximately 52,000 people. 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 as a private institution 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.

# 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:**

1. To grow in grace and in the knowledge of their Lord and Savior Jesus Christ by means of the Gospel.
2. To demonstrate critical thinking and moral reasoning, oriented by objective standards consistent with Holy Scripture.
3. To become responsible citizens, aware of social realities, through the study of American and world cultural heritage as well as contemporary social, economic, and political issues.
4. To develop an appreciation for art, music, and literature so that as educated young people they will lead more full and satisfying lives.
5. To encourage an attitude of Christian stewardship with regard to their talents and abilities that they be used for the glory of God and the welfare of mankind.
6. To increase their ability to use written and oral English effectively.
7. To secure a foundation in mathematics and the sciences for a better understanding of the world.
8. To develop, through curricular and extracurricular experiences, positive attitudes toward physical and mental health.
9. To acquire the necessary skills for achieving a satisfactory vocational adjustment.

**To 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 for all students; and
3. A growing number of majors culminating in a Bachelor of Arts degree.

## **Non-Discrimination**

Bethany Lutheran College does not discriminate on the basis of race, sex, age, religion, national origin, marital status, disabilities, or veteran status in the administration of its educational policies, admissions policies, financial aid programs, and other school administered programs. The College adheres to the requirements of Title IX of the 1972 Educational Amendments, Sec. 504 of the Rehabilitation Act of 1973, and the ADA policy of 1990. The College is authorized under federal law to enroll non-immigrant international students. Concerns regarding Title IX should be directed to the College's Title IX Officer: Paulette Tonn Booker, 213 Old Main; 1-507-344-7840; ptbooker@blc.edu.

## **Catalog Description**

The 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 BLC 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.

# **Organization and Administration**

## **Ownership and Control**

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

### **General Officers**

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

## Board of Regents

Rev. Herbert C. Huhnerkoch, Chair .....	Kissimmee, Florida
Harold A. Theiste, Vice Chair .....	Pinehurst, North Carolina
Rev. Joel Willitz, Secretary.....	Bridgeport, Michigan
Willis Anthony, Ph.D.....	St. Peter, Minnesota
Rev. Mark Bartels.....	Madison, Wisconsin
Paul T. Chamberlin .....	South Chatham, Massachusetts
Rev. Erwin J. Ekhoff.....	New Hope, Minnesota
Lyle Fahning .....	Prior Lake, Minnesota
James Minor.....	Plymouth, Minnesota
Rev. Kenneth V. Schmidt.....	West Bend, Wisconsin
Roland Reinholtz .....	Middleton, Wisconsin
Rev. J. Kincaid Smith, D.Min.....	Mankato, Minnesota
Tim Thiele .....	Oconomowoc, Wisconsin

## Advisory Members:

Dan R. Bruss, Ph.D. ....	Mankato, Minnesota
Rev. Larry A. Burgdorf .....	St. Louis, Missouri
Rev. John A. Moldstad .....	Mankato, Minnesota
William Overn.....	Burnsville, Minnesota

## Administration

Dan R. Bruss, Ph.D. ....	President
Steven C. Jaeger .....	Vice President for Student Affairs
Thomas A. Kuster, Ph.D.....	Interim Academic Dean
Rev. Donald Moldstad .....	Director of Campus Spiritual Life
Daniel L. Mundahl .....	Chief Financial and Administrative Officer
Arthur P. Westphal.....	Chief Advancement Officer
Eric K. Woller, Ph.D. ....	Interim Dean of Faculty

## 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 20 other church bodies worldwide through its membership in the Confessional Evangelical Lutheran Conference.



admissions and  
academic  
information



## Data Privacy Policy

Family Educational Rights and Privacy Act — 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.

## 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. Forms can be found on the Campus Web: <http://campusweb.blc.edu/>.

## Student Consumer Information

In compliance with the Student Right-to-Know and the Campus Security Act of 1990, Bethany Lutheran College is engaged in an ongoing study of retention and graduation rates. Retention rates indicate that 76% of the Fall 2007 freshmen were enrolled at the start of the next academic year.

Graduation Rates:	Year of Freshmen Cohort: 2002	Percentage graduated within 150% of the normal time to graduate: <i>75% earned a B.A.</i>
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80% of the cohorts are employed in their field or enrolled in graduate school.

Demographic statistics indicate that the Fall 2008 student body represented 23 states and 11 international countries.

The Director of Campus Security makes available to all staff and students the various policies regarding campus security. That office distributes statistics on various types of crime which have occurred on campus.

## 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 advance of the first day of class. The college will mail fall semester fee statements on August 1, and spring semester fee statements on January 1. These statements will include credits for financial aid (except work-study, which is paid directly to the student) and the tuition deposit.

## Payment Options

Bethany realizes that individual student circumstances may not allow for lump sum payments at the beginning of each semester. BLC has developed a monthly payment plan that allows students and their parents to distribute the annual costs over an eight-month period from September to April. Information will be sent out along with a contract on August 1 of each year.

## Overdue Payments

Students whose accounts are not paid by the first day of class in a semester will be assessed an interest charge of one percent on the outstanding balance owed for each month or part of a month for which the account is overdue. At mid-term of each academic year, if an acceptable payment plan is NOT on file with the business office or if the planned payments have NOT been made to the student's account, the college reserves the right to cancel a student's classes, meal plan, and housing. The college withholds transcripts and all official college documents until a student's account has been cleared.

## Refund Policy

A student who withdraws from school or drops credits (thereby reducing tuition) during the first four weeks of a semester is entitled to a refund of part of the costs for the semester. The following tables show the amount owed by the student.

<b>Tuition/Fees</b>	<b>Student Owes</b>
Prior to the 1st day of class:	0
1st week:	25%
2nd week:	35%
3rd week:	45%
4th week:	55%
After 4th week:	100%

<b>Room</b>	<b>Student Owes</b>	<b>Board</b>
1st week:	25%	Prorated according to
2nd week:	35%	percentage of term attended.
3rd week:	45%	Divide number of weeks
4th week:	55%	attended by 17 to arrive
After 4th week:	100%	at percentage owed.

## **Financial Aid Policies of Bethany Lutheran College**

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.

### **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 veteran's 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.

### **Additional Information**

Additional financial aid information can be found at: [www.blc.edu/applyforaid](http://www.blc.edu/applyforaid).

# **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 for Academic Affairs.

## **Academic Advising**

Bethany stresses the importance of the advisor/advisee relationship. All members of the faculty are available to advise students. Each student is assigned to a faculty advisor. The advisor assists the student in selecting courses and planning class schedules each semester as well as completing baccalaureate requirements. Students also are encouraged to consult with the Registrar or Vice President for 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. Degrees will be awarded only if all requirements are met.

## **Academic Support Services**

Bethany offers free academic support to all students in the specific areas of math, writing, religious studies and Spanish. Academic Support Centers are open on a regular schedule for students to walk in with questions. Tutors are current Bethany students who work with fellow students on understanding course content, developing and improving study skills, and ultimately succeeding independently. Personal tutors are also available free of charge for most other academic areas and may be obtained by directly contacting the Academic Support Services Coordinator.

## **Counseling Services**

Academic success may sometimes be impeded by personal concerns that block students' focus or mental health. The Counseling Center was established by Bethany Lutheran College to enhance the personal growth and development of its students. The Center supports students in their academic pursuits and facilitates personal and interpersonal learning and growth. The programs it provides are preventive as well as remedial. Services are free and confidential.

## **Internships**

Bethany recognizes the need for students to enhance their classroom learning experiences through participation in internship programs. Part-time or full-time experiences outside of the classroom that are closely related to the student's specific career and academic interests are required for the communication major. Internships are also encouraged for other majors. For more information contact the Internship Coordinator.

## **Military Science (ROTC Program)**

The resources and programs of ROTC (U.S. Army Reserve Officer Training Corps) are available to Bethany Lutheran College students. These resources include scholarships and classes.

### **For complete information contact:**

- The Department of Military Science  
Minnesota State University, Mankato  
(507) 389-6229 / email: jean.andresen@mnsu.edu
- The Registrar

## **Study Abroad**

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

## **Travel Courses**

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

## **Academic Policies**

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.

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

## **Class Attendance**

Students are expected to attend classes regularly. The instructors reserve the right to lower student grades or drop students from class for excessive absences. Instructors will state their attendance policies at the beginning of each semester.

## **Class Cancellation**

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

## 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:* 0-27 credit hours

*Junior:* 65+ credit hours

*Sophomore:* 28+ credit hours

*Senior:* 95+ credit hours

## Credit Hours

College work is measured in credit hours. The value of each course given at the college level is expressed in semester credits. To earn one semester credit, a student is required to attend one 50-minute period of class work, or one laboratory period per week throughout a given semester. A semester is a school term of 16 weeks.

## Grades and Grade Point Averages

A grade report is issued to each student at midterm and at the end of each 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 campus web ([campusweb.blc.edu](http://campusweb.blc.edu)).

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

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

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

- an A in a four-credit course = 16 grade honor points,
- a B in a two-credit course = 6 grade honor points,
- a C- in a three-credit course = 5 grade honor points,

Total honor points = 27

Total credits = 9

Grade point average = 27 divided by 9 = 3.0

## **Academic Honors**

The Vice President for Academic Affairs publishes a Dean's List each semester. This gives recognition to students who have earned a minimum grade point average of 3.5 in at least 14 academic credits.

## **Repeating Courses**

Courses may be repeated to improve the letter grade. All courses attempted remain a part of the permanent record but only the highest grade is computed into the GPA. Students receiving U.S. Department of Veterans Affairs Education assistance please reference 'Veteran Benefits' on page 12.

## **Registration Policies**

### **Academic Load**

The normal class load for the semester is 15-18 semester hours. Full-time students may register for 12-18 semester credits. After the first semester of attendance, those who have maintained a cumulative GPA of 3.2 or better may petition the Vice President for Academic Affairs for permission to carry an additional load. A charge is made for each credit hour in excess of 18, excluding applied music, intercollegiate athletics (VARS) and ARTS240, BUSN399, COMM102-105, COMM115, COMM201, COMM302-305, COMM315, COMM380, COMM489, ENGL102, ENGL302, FRSM101, HIST489, RELG489, THTR100, and THTR300. 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.

### **Pre-College Credit**

Students who score 50 or higher on the College Level Examination Program (CLEP), or 3 or higher on the Advance Placement Test (AP), or 5 or more on the higher level exams of the International Baccalaureate (IB), are given advanced placement with college credit. 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. Fulfillment of general education requirements is at the discretion of each department.



## Changes in Registration

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

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

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

**Adding a Course.** A student may add a course only within the first 10 class days of the semester.

## Incompletes

If a student receives a grade of Incomplete (I), the incomplete work must be made up within 30 calendar days. 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.

## Transcript of Record

Official and unofficial transcripts of academic record are available in the Registrar’s office. A request form is available and must be signed by the student. Copies will not be issued to a second party. Transcripts will not be released if the student has a balance due in the business office. Faxed copies are not considered an official record. Faxed copies will be sent for a charge of \$10. Transcripts are not sent via e-mail.

## Withdrawal from College

Students who wish to withdraw from college are required to obtain a withdrawal form from the Registrar’s Office. This form must be presented to a number of offices including the Business Office. The form must be returned to the Registrar’s Office before a fee adjustment will be issued. Failure to comply with this requirement may 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 requirements or have transferred equivalent courses\* for a total of 54 credits;
2. Declare a major as soon as possible. If the student has not declared a major by the time they earn 65 credits, a hold will be placed on their registration until a major is declared.
3. Complete a major, fulfilling its specific requirements;
4. Earn a minimum of 128 credits, of which at least 42 will be from upper division (three- and four-hundred level) courses; AND
5. Achieve an overall minimum GPA of 2.0.

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

### Graduation Application Process

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

### Graduation Ceremony

Bethany Lutheran College has a spring graduation. Students may participate in the ceremony during the spring semester if they are enrolled in sufficient credits to total 128 for a B.A. The distribution of credits to satisfy the degree and a 2.0 grade point average must also be met. If the degree requirements are met in the fall semester, the student may participate in the spring graduation.

## Graduation with Honors

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

## Common General Education Core

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. 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 is required for graduation with a B.A.

## Objectives and Common General Education Core Requirements

### Understanding the Christian Faith - 14 credits

*Objectives: (a) To grow in grace and in the knowledge of the Lord and Savior Jesus Christ by means of the Gospel. (b) To foster moral and spiritual growth and encourage independent, critical thought.* The full-time freshman and sophomore student is to be enrolled in one religion course each semester, while juniors and seniors are to be enrolled in one religion course each year.

#### 1st Year

FALL: RELG110 Introduction to Christianity I..... 2 cr.

SPRING: RELG111 Introduction to Christianity II ..... 2 cr.

#### 2nd Year

FALL: RELG2XX (any RELG200 level class) or MUSC205 ..... 2 cr.

SPRING: RELG2XX (any RELG200 level class) or MUSC205 ..... 2 cr.

#### 3rd Year

FALL OR SPRING: One Upper Division RELG3XX or 4XX or SOCL345.. 3 cr.

#### 4th Year

FALL OR SPRING: One Upper Division RELG3XX or 4XX or SOCL345.. 3 cr.

### Understanding Computer Applications - 1 credit

*Objective: To acquire the necessary skills for achieving a satisfactory vocational adjustment.*

COMS101 Computer Applications I ..... 1 cr.

## Understanding the Fine Arts - 3 credits

*Objectives: To develop an appreciation of art, music, and theatre leading to a more full and satisfying life.* Choose 3 credits from the following courses:

ARTS101 Intro to Art	MUSC102 Music Appreciation
ARTS102 2-D Design	MUSC111 Music Theory I
ARTS105 Art History I	MUSC121 Music History I
ARTS106 Art History II	MUSC122 Music History II
ARTS107 Art History III	MUSC130 Choir (1)
ARTS110 Drawing I	MUSC135 Band (1)
ARTS113 Photography I	MUSC190 Instrument
ARTS114 Painting I	Instruction (1)
ARTS115 Ceramics I	THTR100 Theatre Practicum
ARTS116 Sculpture I	(1-2 credits)
ARTS202 3-D Design	THTR101 Intro to Theatre
ARTS211 Life Drawing I	THTR102 Acting I
MUSC101 Music Fundamentals	

## Understanding History and Literature - 6 credits

*Objectives: To develop an appreciation for history and literature leading to a more full and satisfying life.* Choose one course from each group:

### I. History

HIST111 Ancient/Medieval Europe  
HIST114 Ancient World Civ.  
HIST115 Med/Renaissance World Civ.  
HIST116 Modern World Civ.  
HIST117 Modern World History  
HIST207 History of USA I  
HIST208 History of USA II  
PHIL202 Intro. to Philosophy

### II. Literature

ENGL200 Intro. to Lit Studies  
ENGL201 Classical Greek Lit.  
ENGL202 Roman Lit.  
ENGL203 Medieval/Ren. Lit.  
ENGL204 Modern European Lit.  
ENGL205 Intro. to Fiction  
ENGL206 Intro. to Poetry and Drama  
ENGL211 American Lit. I  
ENGL212 American Lit. II  
ENGL220 Non-Western Literature

## Understanding Human Communication - 6 credits

*Objective: To employ written and spoken English more effectively.*

ENGL110 College Writing I..... 3 cr.  
COMM111 Fundamentals of Speech..... 3 cr.

## Understanding the Physical World - 8 credits

*Objective: To secure a foundation in mathematics and the sciences for a better understanding of the world. Choose one course from each group:*

### I. Mathematics

MATH110 or above  
(Excluding MATH120)

### II. Laboratory Science

BIOL101 Principles of Biology  
\*BIOL151 General Biology I  
CHEM100 Descriptive Chemistry  
CHEM105 Chemistry of Art  
CHEM107 General, Organic, and Biochemistry  
\*^CHEM113 General Chemistry I  
PHYS101 Descriptive Physics  
PHYS151 College Physics  
^PHYS213 General Physics I

\*Course required for Biology, Chemistry, Exercise Science, and pre-med majors

^Course required for Engineering majors

## Developing Life Skills - 3 credits

*Objective: To develop through curricular and extracurricular experience, positive attitudes toward physical and mental health. PHED215 Developing Life Skills*

All first-time freshmen must complete Freshman Seminar FRSM101 Orientation to College. If a student transfers 15 or more credits into Bethany Lutheran College FRSM101 is not required.

*(Common General Education Core Requirements continued on next page)*

## Understanding Social Institutions - 13 credits

*Objective: To become responsible citizens, aware of social realities, through the study of American and world cultural heritage as well as contemporary social, economic and political issues. Choose one course from each group:*

### I. *Human Behavior (3 credits)*

ANTH102 Cultural Anthropology  
ANTH210 World Prehistory  
ANTH220 Globalization and  
Cultural Change  
PSYC210 General Psychology  
PSYC220 Human Growth  
SOCL101 Introduction to Sociology  
SOCL105 Social Problems  
SOCL201 Marriage and Family

### II. *Human Institutions (3 credits)*

BUSN101 Intro. to Business  
#ECON203 Macroeconomics  
#ECON204 Microeconomics  
GEOG101 Physical Geography  
GEOG102 Human Geography  
PLSC105 American Government  
PLSC106 World Politics

### III. *International Language - proficiency at the 102 level required (4-8 credits)*

GERM101 and 102 (German)  
GREK101 and 102 (Greek)  
HBRW101 and 102 (Hebrew)  
LATN101 and 102 (Latin)  
NORW101 and 102 (Norwegian)  
SPAN101 and 102 (Spanish)

### IV. *Cultural Awareness (3 credits)*

ANTH102 Cultural Anthropology  
ANTH302 Violence  
COMM389 Intercultural Communication  
COMM489 International Study Tour  
#ECON330 Comparative Economic Syst.  
ENGL220 Non-Western Literature  
ENGL335 African-American Lit.  
GEOG102 Human Geography  
HIST445 The World of the 20th Century  
HIST450 Civil Rights Movement  
HIST489 International Study Tour  
MUSC340 World Dance  
MUSC440 World Music  
PLSC106 World Politics  
RELG350 Islam  
SOCL101 Introduction to Sociology  
SOCL235 Death and Dying  
SOCL330 American Minorities

#Required for Business Administration majors

# Majors, Minors and Degrees

Bethany Lutheran Colleges offers programs leading to a baccalaureate degree, Bachelor of Arts (B.A.).

## Bachelor of Arts (B.A.) degrees

A major consists of a minimum of 36 credits, at least 18 of which are from upper division courses. See the specific major description. Students may also earn secondary teaching licensure from the State of Minnesota in the majors listed below with an asterisk.\*

Biology	History
Broad Field Social Studies*	Liberal Arts
Business Administration	Mathematics
Chemistry	Media Arts
Communication	Music
Education (licensure)	Psychology
Engineering–Dual Degree Program (Physical Science)	Religion
English*	Sociology
Exercise Science	Studio Art*
	Theatre

## Minors

A minor consists of a minimum of 18 credits, at least 6 of which are from upper division courses.

Art History	Mathematics
Biology	Music
Business Administration	Psychology
Chemistry	Religion
Communication	Sociology
Communication Disorders	Spanish
English	Studio Art
Health Communication	Theatre
History	Western Philosophy
Information Systems	

## Certification

A certificate consists of a minimum of 14 credits, at least 8 of them from upper division courses. Bethany Lutheran College offers a Coaching Certificate in six sports. See “Coaching Certification” for specific requirements.

# Majors and Minors

## Art History Minor

### The minor in Art History requires:

- ARTS105 Art History I Prehistory to the Gothic Period..... 3 cr.
- ARTS106 Art History II Renaissance to Realism ..... 3 cr.
- ARTS107 Art History III Impressionism to Contemporary ..... 3 cr.
- ARTS342 Greek Art History..... 3 cr.
- ARTS344 American Art History..... 3 cr.

### One of the following:

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

### One of the following:

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST117 Modern World History ..... 3 cr.
- HIST315 History of Ancient Greece..... 3 cr.
- HIST320 History of Ancient Rome..... 3 cr.
- HIST335 The High Middle Ages..... 3 cr.

### One of the following:

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

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

## Biology Major

### Mission Statement

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



## Objectives

- Demonstrate proficiency in the language and terminology of biology.
- Show ability to communicate effectively using written and oral means.
- Explain the basic structures and fundamental processes of life at molecular, cellular, and organismal levels.
- Find and evaluate various types of scientific information found within research journals, mass media, and the world-wide web.
- Collect, organize, analyze, and interpret quantitative and qualitative data and evaluate its place in the larger context of biological knowledge.
- Demonstrate proficiency in basic laboratory techniques and use of scientific instrumentation.
- Describe the relationships between organisms and the abiotic and biotic components of their environment.
- Summarize the benefits and drawbacks of modern biology as well as its contribution to society in the context of the Christian faith.

## Entry into the Major

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

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

## Core Requirements

### Required lower division courses:

- BIOL151 General Biology I..... 4 cr.
- BIOL152 General Biology II ..... 4 cr.
- CHEM113 General Chemistry I ..... 5 cr.
- CHEM114 General Chemistry II ..... 5 cr.
- MATH112 Trigonometry or higher ..... 3-5 cr.
- MATH120 Introduction to Statistics ..... 3 cr.
- PHYS151 and 152 College Physics I and II ..... 8 cr.  
or PHYS213 and 214 General Physics I and II..... 10 cr.

### Required upper division courses:

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

## Major Electives

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

- \*BIOL203 Botany Pre-Req: BIOL151 and 152 ..... 4 cr.
- \*BIOL210 Zoology Pre-Req: BIOL151 and 152 ..... 4 cr.
- \*BIOL221 Human Anatomy Pre-Req: BIOL151 ..... 4 cr.
- \*BIOL222 Human Physiology  
(prerequisites: CHEM107 or CHEM113, and BIOL221) ..... 4 cr.
- BIOL370 Ecology ..... 4 cr.
- BIOL480 Topics in Biology ..... 3-4 cr.
- CHEM323 General Biochemistry ..... 4 cr.
- HLTH470 Introduction to Diseases and Disorders ..... 3 cr.
- PHED350 Kinesiology ..... 3 cr.
- PHED450 Exercise Physiology ..... 4 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.
- SCIE330 Ethics in Science ..... 3 cr.
- SCIE340 Environmental Issues ..... 3 cr.

\*Per discretion of the instructor, consent may be granted for a student to enter class despite lack of all prerequisites.

## Capstone

**Students must take one of the following:**

- BIOL490 Introduction to Human Gross Anatomy ..... 5 cr.
- BIOL498 Biology Independent Research ..... 3-4 cr.
- BIOL499 Biology Internship ..... 3-4 cr.

**Strongly recommended:**

- CHEM215 Organic Chemistry I ..... 4 cr.
- MATH141 Calculus ..... 5 cr.

## Biology Minor

**The minor in Biology requires:**

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

**Electives:** 15 credits minimum; a minimum of 3 from upper division courses;  
no more than 2 SCIE courses:

- BIOL203 Botany ..... 4 cr.
- BIOL210 Zoology ..... 4 cr.
- BIOL221 Human Anatomy ..... 4 cr.
- BIOL222 Human Physiology ..... 4 cr.
- BIOL340 Genetics ..... 4 cr.
- BIOL350 Cell Biology ..... 4 cr.
- BIOL360 Microbiology ..... 4 cr.

- BIOL370 Ecology ..... 4 cr.
- BIOL480 Topics in Biology ..... 3-4 cr.
- BIOL490 Introduction to Human Gross Anatomy ..... 5 cr.
- BIOL498 Biology Independent Research..... 3-4 cr.
- BIOL499 Biology Internship ..... 3-4 cr.
- CHEM323 General Biochemistry ..... 4 cr.
- HLTH470 Introduction to Diseases and Disorders ..... 3 cr.
- PHED350 Kinesiology..... 3 cr.
- PHED450 Exercise Physiology ..... 4 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.
- SCIE330 Ethics in Science ..... 3 cr.
- SCIE340 Environmental Issues ..... 3 cr.

## **Broad Field Social Studies (BFSS) Major**

### **Mission Statement**

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

### **Objectives**

- To identify important leaders of the past, explain their values and goals, and evaluate their attempts to change their world.
- To recognize the power of ideas (including political theories and theological convictions) and the role of institutions (government, military, church, corporations, etc.) in shaping historical developments and sustaining cultural identities.
- To identify chief characteristics of the sciences, arts, reasoning, piety, and moral values of past world civilizations, objectively contrasting multiple cultural perspectives and historical interpretations, and recognizing how these still influence us today.
- To describe the experiences and appreciate the contributions of less privileged members of society (ethnic and religious minorities, slaves, etc.), and to explain the social and economic relations between these groups and society's dominant individuals, institutions, and political ideals.
- To summarize the human and physical geography of major world civilizations, from ancient times to the present.
- To formulate a broad, historical perspective on world civilizations and on the unique development of American identity, in order to become a historically informed participant in present-day American and global civic life.

- To distinguish political ideas whose significance is limited to particular historical conditions from those of more enduring, even eternal, significance (e.g., natural law principles).
- To recognize the legitimate diversity found in American and world civilizations and explain the cultural contributions of various world cultures upon the development of the West.
- To demonstrate an improvement in skills in analytical reading and writing, listening and public speaking, critical thinking, and moral reasoning concerning events of the past and their relation to present lives.
- To apply critical thinking skills to the analysis of primary and secondary sources, including both written and visual media.
- To demonstrate an ability to integrate multiple social studies disciplines (e.g., economics, political science, sociology, psychology) into the study of history.
- To polish with professional competence works of formal academic writing, including documentation in the accepted style of the discipline.

## Entry into the Major

Students should declare BFSS as their intended major as early in their college career as possible by filing a Declaration of Major and Change of Advisor form with the registrar. The student’s advisor should be from the history department.

Formal acceptance into the major, however, occurs at the end of the sophomore year. Students must complete at least two history and two social science courses from the required lower division courses with no less than a “C+” in each course. Students must also have a GPA of 2.0 or above. An application for acceptance into the major must then be filed with the chair of the history department at the beginning of the student’s second semester of the sophomore year. Students will be notified of formal acceptance into the major by the chair of the history department, who will also notify the registrar.

Students who seek state licensure for secondary level (grades 5-12) teaching of social studies must first meet all requirements for “Entry into the Education Major” (see Education Majors) as well as all requirements for the BFSS major. Then students are required to take the courses listed below with an asterisk AND the courses listed under “State of Minnesota Teaching Licensure in Social Studies.”

## Core Requirements

**Required lower division courses:** The Broad Field Social Studies major consists of 57 credits so it does not require a minor. Twelve of the required 57 credits also fulfill general education requirements.

- \*ECON203 Principles of Macroeconomics ..... 3 cr.
- \*GEOG101 Physical Geography ..... 3 cr.
- \*GEOG102 Human Geography ..... 3 cr.
- \*HIST207 History of USA Part I ..... 3 cr.
- \*HIST208 History of USA Part II ..... 3 cr.
- PLSC105 American Government ..... 3 cr.

**One of the following:**

- \*ANTH102 Cultural Anthropology ..... 3 cr.
- SOCL101 Introduction to Sociology ..... 3 cr.

**\*Two of the following:**

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST117 Modern World History ..... 3 cr.

\*Students who seek state licensure must take HIST114 OR HIST116 *and* HIST115 OR HIST117.

**Required upper division course:**

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

## Major Electives

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

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

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

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

- HIST315 History of Ancient Greece ..... 3 cr.
- HIST320 History of Ancient Rome..... 3 cr.
- HIST330 Dark Age Europe..... 3 cr.
- HIST335 The High Middle Ages..... 3 cr.
- HIST340 Renaissance and Reformation Eras ..... 3 cr.
- HIST345 Tudor and Stuart England..... 3 cr.
- HIST350 French Revolution through Napoleon..... 3 cr.
- HIST360 Early and Imperial Russian History ..... 3 cr.
- HIST365 The Russian Revolution and the Soviet Union ..... 3 cr.

**Post-1815 courses** (choose at least one of the following which may simultaneously fulfill either the American or European requirement):

- HIST365 The Russian Revolution and the Soviet Union ..... 3 cr.
- HIST430 The American Civil War and Reconstruction ..... 3 cr.
- HIST445 The World in the 20th Century ..... 3 cr.
- HIST450 Civil Rights Movement ..... 3 cr.
- HIST460 Religion in American History ..... 3 cr.
- HIST470 The Supreme Court and the American People ..... 3 cr.

**Additional upper division electives (6 credits):**

- ECON330 Comparative Economic System ..... 3 cr.
- \*HLTH311 Drug Education ..... 3 cr.
- PSYC330 Psychology of Adult Development / SOCL350 Aging in Society . 3 cr.
- PSYC340 Social Psychology ..... 3 cr.
- PSYC350 Abnormal Psychology (prerequisite PSYC210) ..... 3 cr.
- \*PSYC360 Educational Psychology and Human Relations ..... 3 cr.
- PSYC420 Psychological Testing and Measurements ..... 3 cr.
- PSYC430 Introduction to Physiological Psychology ..... 3 cr.
- PSYC460 Facilitating Groups ..... 3 cr.
- SCIE320 History and Philosophy of Science  
or SCIE350 Technology in Society ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.
- SOCL345 Religion and Society ..... 3 cr.
- SOCL410 Sociological Theory ..... 3 cr.
- SOCL440 Social Stratification ..... 3 cr.

**Recommended Religious Studies electives to complement the BFSS major:**

*Lower division*

- RELG203 The Life of Christ ..... 2 cr.
- RELG204 Israel’s History ..... 2 cr.
- RELG206 Acts of the Apostles ..... 2 cr.

*Upper division*

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

## Capstone

- \*HIST495 Senior Seminar in History ..... 3 cr.
- \*LART490 Introduction to Historical Research and Writing ..... 3 cr.

## State of Minnesota Teaching Licensure in Social Studies

In addition to the BFSS major requirements students who seek state licensure for secondary level (grades 5-12) teaching of social studies are required to take the courses listed previously with an asterisk AND the following courses:

- EDUC200 Education Foundation/Philosophy ..... 3 cr.
- EDUC210 Linguistics for Professionals ..... 1 cr.
- EDUC370 Introduction to the Exceptional Learner ..... 3 cr.
- EDUC401 Educational Technology and Media ..... 2 cr.
- EDUC450 Curriculum Planning and Assessment ..... 2 cr.
- EDUC455 Classroom Management ..... 1 cr.
- EDUC499 Teaching Internship and Seminars ..... 15 cr.
- HIST403 Native American Culture and Government ..... 1 cr.
- HIST444 Methods in Teaching Social Studies (grades 5-12) ..... 4 cr.
- HLTH206 Advanced First Aid *or equivalent* ..... 3 cr.
- PSYC220 Human Growth and Development ..... 3 cr.

## Business Administration Major Mission Statement

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

### Objectives

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

## Entry into the Major

### Pre-major courses:

- MATH111 College Algebra or higher (prerequisite for MATH120)..... 4 cr.
- PHIL204 Ethics ..... 3 cr.
- PSYC210 General Psychology..... 4 cr.  
or PSYC220 Human Growth and Development ..... 3 cr.
- Recommended: SOCL101 Introduction to Sociology..... 3 cr.

## Core Requirements

### Required lower division courses:

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

### Required upper division courses:

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

## Major Electives

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

- ARTS336 Graphics for the World Wide Web ..... 3 cr.
- BUSN333 Consumer Behavior ..... 3 cr.
- BUSN351 Financial Institutions ..... 3 cr.
- BUSN352 Investments ..... 3 cr.
- BUSN370 Legal Aspects of Sports..... 3 cr.
- BUSN410 Leadership and Organizational Change ..... 3 cr.
- BUSN420 Managing Human Resources..... 3 cr.
- BUSN430 Sport and Event Marketing ..... 3 cr.
- BUSN431 Integrated Marketing Communication ..... 3 cr.
- BUSN440 Marketing Strategy..... 3 cr.
- BUSN450 Risk Management..... 3 cr.
- BUSN460 Advanced Financial Management ..... 3 cr.
- BUSN471 Sport Administration..... 3 cr.
- BUSN480 Topics in Business..... 3 cr.
- BUSNIND Independent Study in Business



- COMM318 Small Group Communication..... 3 cr.
- COMM360 Visual Communication..... 3 cr.
- COMM370 Organizational Communication ..... 3 cr.
- PSYC410 Industrial and Organizational Psychology..... 3 cr.
- SOCL320 Research Methods in Social Sciences ..... 3 cr.
- SOCL330 American Minorities..... 3 cr.
- SOCL350 Aging in Society..... 3 cr.

## **Internship/Practicum**

**Optional experiential** (1-9) credits:

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

## **Area of Emphasis**

### **General Business Administration**

- One elective each from Finance, Marketing, Management ..... 3 cr. each
- BUSN480 Topics in Business..... 3 cr.

### **Finance**

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

### **Marketing Research**

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

### **Consumer Marketing**

- BUSN333 Consumer Behavior ..... 3 cr.
- BUSN431 Integrated Marketing Communication ..... 3 cr.
- BUSN440 Marketing Strategy..... 3 cr.
- SOCL330 American Minorities  
or SOCL350 Aging in Society ..... 3 cr.

### **PR/Marketing Promotion**

- BUSN333 Consumer Behavior ..... 3 cr.
- BUSN431 Integrated Marketing Communication ..... 3 cr.
- BUSN440 Marketing Strategy..... 3 cr.
- COMM360 Visual Communication..... 3 cr.
- Recommended: ARTS336 Graphics for the World Wide Web..... 3 cr.

## Marketing Management

- BUSN333 Consumer Behavior  
or BUSN431 Integrated Marketing Communication ..... 3 cr.
- BUSN352 Investments  
or BUSN450 Risk Management ..... 3 cr.
- BUSN410 Leadership and Organizational Change  
or BUSN420 Managing Human Resources ..... 3 cr.
- BUSN440 Marketing Strategy..... 3 cr.

## Human Resources/Organizational Development

- BUSN410 Leadership and Organizational Change ..... 3 cr.
  - BUSN420 Managing Human Resources..... 3 cr.
  - COMM318 Small Group Communication  
or SOCL320 Research Methods in Social Sciences ..... 3 cr.
  - COMM370 Organizational Communication  
or PSYC410 Industrial/Organizational Psychology ..... 3 cr.
- Recommended: SOCL330 American Minorities  
or SOCL350 Aging in Society ..... 3 cr.

## Management

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

## Sport Management

- BUSN333 Consumer Behavior ..... 3 cr.
- BUSN370 Legal Aspects of Sports..... 3 cr.
- BUSN430 Sport and Event Marketing ..... 3 cr.
- BUSN471 Sport Administration..... 3 cr.

# Business Administration Minor

**A minor in Business Administration requires:**

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

**Two of the following:**

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

**One of the following:**

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

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

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

# Chemistry Major

## Mission Statement

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

## Objectives

- Describe and apply the basic definitions, terminology, and concepts in chemistry.
- Describe, classify and apply the physical interactions between atoms and molecules.
- Describe, predict and perform chemical transformations involving organic, inorganic and solid state materials.
- Collect and evaluate information in the chemical literature.
- Demonstrate and apply fundamental laboratory skills.
- Use and effectively apply modern instrumentation and computation.
- Prepare oral and written scientific reports to communicate effectively with peers and the general public.
- Demonstrate an understanding of and the ability to evaluate the ethical consideration associated with chemistry and science as a whole.
- Recognize how mathematics, physics and biology apply to chemistry and integrate these areas into chemistry.

## Entry into the Major

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

### Core Requirements

#### Required lower division courses:

- CHEM113 General Chemistry I ..... 5 cr.
- CHEM114 General Chemistry II ..... 5 cr.
- CHEM215 Organic Chemistry I ..... 4 cr.
- CHEM216 Organic Chemistry II ..... 4 cr.
- MATH141 Calculus I ..... 5 cr.
- MATH142 Calculus II ..... 5 cr.
- PHYS213 General Physics I ..... 5 cr.
- PHYS214 General Physics II ..... 5 cr.

#### Required upper division courses:

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

### Major Electives

#### Two of the following:

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

#### Choose a minimum of six credits:

- CHEM301 Introduction to Environmental Management  
or CHEM401 Chemical Information ..... 1 cr.
- CHEM324 Advanced Biochemistry ..... 4 cr.
- CHEM354 Physical Chemistry II ..... 4 cr.
- CHEM405 Advanced Organic Chemistry ..... 3 cr.
- CHEM480 Topics in Chemistry (may be repeated for credit) ..... 1-3 cr.
- CHEM495 Chemistry Seminar ..... 1 cr.
- CHEM497 Research (arranged) ..... 1-3 cr.

# Chemistry Minor

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

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

**Advanced electives – At least two of the following:**

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

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

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

# Coaching Certification

Upon completion of this program students will be certified to coach youth in the sports of baseball, basketball, football, soccer, softball, and/or volleyball.

## Core Requirements

**The following courses are required:**

- HLTH206 Advanced First Aid ..... 3 cr.
- PHED320 Social Aspects of Sports ..... 3 cr.
- PHED325 Sport Psychology ..... 3 cr.
- PHED330 Care and Prevention of Athletic Injuries ..... 3 cr.

**Choose a minimum of one of the following courses:**

- PHED300 Methods of Coaching Baseball ..... 2 cr.
- PHED301 Methods of Coaching Basketball ..... 2 cr.
- PHED302 Methods of Coaching Football ..... 2 cr.
- PHED303 Methods of Coaching Soccer ..... 2 cr.
- PHED304 Methods of Coaching Softball ..... 2 cr.
- PHED305 Methods of Coaching Volleyball ..... 2 cr.

# Communication Major

## Mission Statement

The Communication major will engage students in the study of human communication as a liberal art. It will help students to understand the discipline in its multiple perspectives, ground them in the arts and sciences of rhetoric and poetic, promote in them the capacity for creative and critical thought and expression, and assist them to develop skills for communicating effectively with diverse audiences through the wide variety of channels available today. Finally, this major will encourage students to appreciate communication not only as the principal means for addressing the uncertainties of this world, but also the powerful instrument for bringing the certainty of God's grace to all people, thereby healing the divisions that separate them from God and from each other. Our graduates are also expected to have pondered what it means to be an ethical communicator, and considered how to use their skills to help others. In other words, we expect them to be the kind of person much in demand in the job market, in church, and in society.

## Objectives

- Student demonstrates competence in oral and written communication that is both ethical and effective.
- Student describes and applies principles of ethics and professionalism as a specialist in communication.
- Student demonstrates an aptitude with a variety of media.
- Student evaluates the social and historical significance of communication through the analysis of principles and theory.
- Student collaborates with diverse audiences in a variety of contexts.

## Entry into the Major

A student desiring to enter the communication major will make a formal application to do so at some point following the successful completion of three college semesters. Entry to the major will be granted based on the following qualifications:

1. Achievement of at least a 2.8 GPA in all of the pre-major communication requirements.

2. Successful completion of an interview with a committee of communication faculty in which the applicant demonstrates potential to make substantial progress in each of the competencies around which the communication program is built.

Special circumstances may be considered by the communication division faculty.

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

- COMM111 Fundamentals of Speech ..... 3 cr.
- COMM212 Interpersonal Communication ..... 3 cr.
- COMM240 Introduction to Mass Media ..... 3 cr.

- COMM295 Audio/Video Production I (1 cr.)  
or COMM297 Audio/Video Production II (3 cr.) ..... 1-3 cr.
- ENGL110 College Writing I ..... 3 cr.
- One of the following:**
- ENGL210 College Writing II ..... 3 cr.
- ENGL213 Creative Writing ..... 3 cr.
- One of the following:**
- COMM230 Argument and Advocacy ..... 3 cr.
- PHIL201 Logic and Critical Thinking ..... 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:

- COMM314 Information: Discovery and Management ..... 3 cr.
- COMM318 Small Group Communication ..... 3 cr.
- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM340 Rhetorical Traditions ..... 3 cr.
- COMM440 Communication Theory ..... 3 cr.

## Major Electives

At least 33 upper division (300-400 level) communication (COMM) credits are required for graduation with a communication major. While not required to do so, students may with advance planning create “Areas of Emphasis” consisting of groups of three or four upper division courses focusing on a particular aspect of communication studies. Emphases may consist of COMM offerings combined with courses that deal with communication in other disciplines — these courses all count toward the 33-credit requirement.

## Areas of Emphasis

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

## Internship Requirements

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

Communication internships are available only to communication majors COMM499. At least three UNPAID 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:**

- COMM314 Information: Discovery and Management ..... 3 cr.

**One of the following:**

- COMM318 Small Group Communication..... 3 cr.
- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM340 Rhetorical Traditions ..... 3 cr.
- COMM440 Communication Theory ..... 3 cr.

**Six additional credits: Any communication (COMM) courses at the three- or four-hundred level, or ENGL313 or ENGL317 ..... 6 cr.**

**Twelve additional credits: Any communication (COMM) courses at the two-hundred level or higher, or ENGL210, ENGL213, ENGL313, or ENGL317 ..... 12 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 MSU. If successful, students graduate from BLC in four years with a Bachelor of Arts degree in communication, and a minor in communication disorders, which can qualify them to apply for admission to master's degree programs in communication disorders at a variety of graduate schools. A graduate degree is required to practice in this field.

### Minor Requirements

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

**Sophomore year:**

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

**Junior year:**

- Speech and Language Development (F)
- Anatomy and Physiology of Speech (F)



- Basic Audiology (S), Prerequisite: Speech and Hearing Science
- Phonetics (F)

**Junior and Senior years** (recommended):

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

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

## 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 better prepared to meet the needs of children in a multi-cultural society whether in public, private or Lutheran schools.

### Objectives

Bethany Lutheran College students majoring in Elementary 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 elementary education major offers Minnesota state-approved teaching licensure for K-6. In addition to K-6 licensure, middle school licensure endorsements are available in the following areas:

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

Students desiring to teach in Lutheran elementary schools take additional coursework for certification by the Evangelical Lutheran Synod.

## **Secondary Education Teaching Licensure Scope**

Bethany's secondary education teacher preparation program offers Minnesota state-approved teaching licensure in:

- English (5-12) \*See English, State of Minnesota Teaching Licensure in Communication Arts and Literature
- Social Studies (5-12) \*See Social Studies, State of Minnesota Teaching Licensure in Social Studies
- Visual Arts (K-12) \*See Studio Art, State of Minnesota Teaching Licensure in Visual Arts

Students major and take required licensure courses in Studio Art, Broad Field Social Studies, or English AND fulfill specified Education major requirements, including all "Entry into the Education Major" requirements below.

## **Entry into the Education Major**

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

1. Successful completion of 55 credits of general education core courses including EDUC200
2. An application to the 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. Submission of the portfolio begun in EDUC200 with additional entries from HIST207 and PSYC220
7. Interview with a three-member committee from the education department
8. A positive clinical experience report from EDUC200
9. Passing Scores on the MTLE of Academic Skills in Reading, Writing, and Mathematics

## General Education (Pre-Major) Requirements

• ARTS101 Introduction to Art.....	3 cr.
• BIOL101 Principles of Biology.....	4 cr.
• COMM111 Fundamentals of Speech .....	3 cr.
• COMM212 Interpersonal Communication .....	3 cr.
• COMS101 Computer Applications I .....	1 cr.
• ENGL110 College Writing I .....	1 cr.
• ENGL211 American Literature I or ENGL212 American Literature II .....	3 cr.
• FRSM101 Orientation to College .....	1 cr.
• GEOG101 Physical Geography.....	3 cr.
• HIST111 Ancient/Medieval Europe or HIST114 The Rise of Ancient World Civilizations .....	3 cr.
• HIST207 History of USA I .....	3 cr.
• HLTH206 Advanced First Aid or <i>equivalent</i> .....	3 cr.
• International Language .....	8 cr.
• MATH110 Math Problem Solving .....	4 cr.
• MUSC101 Music Fundamentals or MUSC102 Music Appreciation or Music Electives.....	3 cr.
• PHED215 Developing Life Skills.....	2 cr.
• PHYS101 Descriptive Physics .....	4 cr.
• RELG110 Introduction to Christianity I.....	2 cr.
• RELG111 Introduction to Christianity II.....	2 cr.
• RELG electives (200 level).....	4 cr.
• RELG electives (300 and 400 level).....	6 cr.
• SOCL330 American Minorities.....	3 cr.

### The following courses must be taken PRIOR to taking any upper level education courses

• EDUC200 Education Foundation/Philosophy .....	3 cr.
• EDUC210 Linguistics for Professionals.....	1 cr.
• PSYC220 Human Growth and Development .....	3 cr.
• PSYC360 Educational Psychology and Human Relations .....	3 cr.

## Professional Education Core Requirements

• EDUC315 Teaching Health and Human Performance.....	3 cr.
• EDUC320 Teaching Literacy and Communication.....	4 cr.
• EDUC325 Children's Literature .....	3 cr.
• EDUC340 Teaching Social Studies .....	3 cr.
• EDUC360 Teaching Science .....	3 cr.
• EDUC370 Introduction to the Exceptional Learner .....	3 cr.
• EDUC401 Educational Technology and Media.....	2 cr.
• EDUC425 Fine Arts in Elementary Education .....	3 cr.

- EDUC430 Teaching Mathematics ..... 4 cr.
- EDUC450 Curriculum Planning and Assessment..... 2 cr.
- EDUC455 Classroom Management ..... 1 cr.
- EDUC485 Christian Vocation Seminar ..... 3 cr.
- EDUC499 Teaching Internship and Seminars ..... 15 cr.
- EDUCPTF Education Professional Portfolio ..... 0 cr.
- HIST403 Native American Culture and Government ..... 1 cr.
- HLTH311 Drug Education ..... 3 cr.

## Middle School Endorsements

The following courses are required for middle school licensure:

### Communication Arts and Literature

- COMM111 Fundamentals of Speech ..... 3 cr.
- COMM212 Interpersonal Communication ..... 3 cr.
- EDUC210 Linguistics for Professionals ..... 1 cr.
- EDUC320 Teaching Literacy and Communication ..... 4 cr.
- EDUC325/ENGL325 Children’s Literature ..... 3 cr.
- EDUC370 Introduction to the Exceptional Learner ..... 3 cr.
- EDUC499 Teaching Internship (4 weeks in Middle School) ..... 4 cr.
- ENGL110 College Writing I ..... 3 cr.
- ENGL210 College Writing II ..... 3 cr.
- ENGL211 or 212 American Literature I or II ..... 3 cr.

### Mathematics

- EDUC430 Teaching Mathematics ..... 4 cr.
- EDUC499 Teaching Internship (4 weeks in Middle School) ..... 4 cr.

and a minimum of one of the following:

- MATH110 Math Problem Solving ..... 4 cr.
- MATH111 College Algebra ..... 4 cr.
- MATH112 Trigonometry ..... 3 cr.
- MATH120 Introduction to Statistics ..... 3 cr.
- MATH141 Calculus I ..... 5 cr.
- MATH142 Calculus II ..... 5 cr.

### Science

- BIOL101 Principles of Biology ..... 4 cr.
- CHEM107 General, Organic and Biochemistry ..... 5 cr.
- EDUC360 Teaching Science ..... 3 cr.
- EDUC499 Teaching Internship (4 weeks in Middle School) ..... 4 cr.
- GEOG101 Physical Geography..... 3 cr.
- PHYS101 Descriptive Physics ..... 4 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.

### Social Studies

- EDUC340 Teaching Social Studies ..... 3 cr.
- EDUC499 Teaching Internship (4 weeks in Middle School) ..... 4 cr.

- GEOG101 Physical Geography..... 3 cr.
- HIST111 Ancient/Medieval Europe  
or HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST207 History of USA I ..... 3 cr.
- HIST208 History of USA II..... 3 cr.
- HIST403 Native American Culture and Government ..... 1 cr.
- SOCL330 American Minorities..... 3 cr.

## **Lutheran Elementary School Certification Courses**

- EDUC400 Teaching the Christian Faith ..... 3 cr.
- MUSC205 Hymnody and Liturgics ..... 2 cr.
- RELG203 The Life of Christ (taken in place of RELG111) ..... 2 cr.
- RELG204 Israel's History (taken in place of RELG110)..... 2 cr.
- RELG209 Christian Doctrine I ..... 2 cr.
- RELG210 Christian Doctrine II..... 2 cr.
- RELG335 The Lutheran Confessions..... 3 cr.
- RELG380 Pauline Literature ..... 3 cr.

(Consult with Director of Christian Education regarding course selection.)

## **Minnesota Licensure Requirements**

- Complete all standards based education courses with a “C+” or above
- Maintain 2.75 GPA
- Pass the following tests:
  1. MTLE: Academic Skills Assessments in Reading, Writing and Mathematics
  2. MTLE: Principles of Learning and Teaching K-6
  3. MTLE: Subject matter/content K-6
  4. MTLE: Middle School Content in endorsement discipline

### **Important requirements of all students completing a Bachelor of Arts degree in Education at Bethany Lutheran College:**

1. Complete the Human Relations/Diversity Component
2. Complete all courses required for Minnesota State Licensure
3. Satisfactory completion of Teaching Internship
4. Satisfactory completion of STEEP and Professional Portfolio

# Engineering–Dual Degree Program Physical Science Major

## Mission Statement

The dual degree Engineering program at Bethany Lutheran College is designed to give students who want to major in engineering the opportunity to do so while taking advantage of the Christian liberal arts education offered at Bethany. This is a program in which students will spend three years on the Bethany campus fulfilling their general education requirements along with a broad spectrum of pre-engineering and other science courses. After three years, the student will transfer to the University of Minnesota, Institute of Technology for completing the engineering-specific coursework in any of over a dozen engineering disciplines — usually requiring two more years. After both sets of requirements are completed, the student receives a Bachelor of Science degree in Engineering from the University of Minnesota and a Bachelor of Arts in the Physical Sciences from Bethany — hence, this is called a dual degree program.

## Objectives

- The student will demonstrate responsibility and accountability by making appropriate decisions on behavior and accepting the consequences of their actions.
- The student will demonstrate tolerance of ambiguity by demonstrating the ability to perform in complicated environments where clear cut answers or standard operating procedures are absent.
- The student will demonstrate the ability to use appropriate computing tools to solve problems encountered in course work.
- The student will describe or recall core concepts and physical laws:
  - a. Newton's laws of motion
  - b. Laws of thermodynamics
  - c. Momentum
  - d. Energy
  - e. Gravity
  - f. Vibrations and waves
  - g. Electromagnetism
  - h. Optics
- The student will demonstrate the ability to construct and apply physical and mathematical models to solve simulated and realistic problems. Specifically, they will be able to:
  - a. Draw a suitable diagram with appropriate labels.
  - b. Identify the basic physical principles that are involved.
  - c. Select a relationship or derive an equation that can be used to find the unknowns, and solve the equations for the unknowns symbolically.
  - d. Obtain a numerical value for the unknown.

- e. Check the answer with boundary conditions and determine whether the results make sense and whether the units are correct.
- The student will be able to design and carry out experimental investigations, analyze data with appropriate treatment of errors and uncertainties, and form conclusions based on the data and analyses.
- The student will demonstrate the ability to synthesize appropriate concepts and methods from different courses in the solution of problems.

## Entry into the Program

There are two separate entry points into the engineering and physical science major. First, entry into the physical science portion of the program consists of the student attaining an advisor in the physics department. Second, after successfully completing the requirements listed below, the student must apply for admission into the engineering program at the dual degree partner institution. The requirements for the second entry phase are:

1. Successful completion of Bethany's general education requirements
2. A grade of "C" or better and a cumulative GPA of 2.8 or higher in all of the core requirements (see below).

## Core Requirements

### Required lower division courses:

- CHEM113 General Chemistry I ..... 5 cr.
- CHEM114 General Chemistry II ..... 5 cr.
- COMS103 Intro to Programming I ..... 3 cr.
- MATH141 Calculus I ..... 5 cr.
- MATH142 Calculus II ..... 5 cr.
- MATH243 Multivariable Calculus ..... 4 cr.
- MATH260 Differential Equations ..... 3 cr.
- MATH351 Linear Algebra ..... 3 cr.
- PHYS213 General Physics I ..... 5 cr.
- PHYS214 General Physics II ..... 5 cr.

### Required upper division courses:

- PHYS313 Statics and Dynamics ..... 4 cr.
- PHYS314 Introduction to Electronics and Electrical Circuits ..... 4 cr.
- SCIE320 History and Philosophy of Science  
or SCIE330 Ethics in Science ..... 3 cr.

# English Major

## Mission Statement

The study of literature at Bethany Lutheran College will provide students with the opportunity to develop and effectively use the English language. The reading, writing, and interpretation that students undertake will be situated in the study of American, British, and World literatures. This major explores the formal elements of literary texts, and examines the social, historical, philosophical, and political contexts surrounding authors, works, and literary movements.

## Objectives

- Students are able to adjust their use of spoken and written language to communicate effectively with a variety of audiences and for different purposes.
- Students demonstrate basic cultural literacy of the era, genres, movements, and historical events pertaining to particular course content, being able to identify correctly allusions of the times, excerpts from renowned works, and works written by key authors.
- Students routinely ask good questions of the text, which come from their own interaction with the text, including how the text is significant in relation to their own lives and the lives of others, and in relation to other texts and the world at large.
- Students write about literature in a variety of modes for reflection, writing-to-learn, various audiences, and presenting research.
- Students exhibit a minimum competency of a foundational knowledge of literary terminology and then use said terminology to analyze, synthesize, interpret, and evaluate the works they read, both on paper and in discussions.
- Students apply multiple theoretical perspectives to texts, focusing on the shape and form of texts, what those texts say about human interactions, and how textual language functions as a means of communication.
- Students regularly gather, apply, analyze, synthesize, and evaluate data from a variety of scholarly sources.
- Students apply MLA format to their formal written works.

## Entry into the Major

Students wishing to major in English must pass the following courses with at least a C+, and maintain a cumulative GPA of 2.75 in all courses necessary for the major.

- ENGL110 College Writing I..... 3 cr.
- \*ENGL200 Introduction to Literary Studies..... 3 cr.

Students who seek state licensure for secondary level (grades 5-12) teaching of English must first meet all requirements for “Entry into the Education Major” (see Education Majors). Then, students are required to take the courses listed below with an asterisk AND the courses listed under “State of Minnesota Teaching Licensure in Communication Arts and Literature.”



## Core Requirements

The English major consists of 33 credits. At least 18 credits must be 300-400 level courses.

### Required:

- \*ENGL220 Non-Western Literature..... 3 cr.
- \*ENGL306 Shakespeare ..... 3 cr.
- \*ENGL320 The English Language..... 3 cr.
- \*ENGL350 Literary Theory..... 3 cr.
- \*ENGL495 Senior Seminar in Literature..... 3 cr.

### Three of the following:

- ENGL211 American Literature I (to 1865)..... 3 cr.
- \*ENGL212 American Literature II (1865 to Present Day) ..... 3 cr.
- \*ENGL304 British Literature: 17th and 18th Centuries ..... 3 cr.
- \*ENGL305 British Literature: Romantics and Victorians..... 3 cr.

### One of the following:

- \*ENGL210 College Writing II..... 3 cr.
- ENGL213 Creative Writing..... 3 cr.
- ENGL313 Advanced Writing ..... 3 cr.

## Major Electives

### Choose a minimum of two of the following:

- ENGL201 Survey of Classical Greek Literature ..... 3 cr.
- ENGL202 Survey of Roman Literature..... 3 cr.
- ENGL203 Survey of Medieval and Renaissance Literature..... 3 cr.
- ENGL204 Survey of Modern European Literature ..... 3 cr.
- ENGL205 Introduction to Fiction ..... 3 cr.
- ENGL206 Introduction to Poetry and Drama..... 3 cr.
- \*ENGL210 College Writing II..... 3 cr.
- ENGL213 Creative Writing..... 3 cr.
- ENGL313 Advanced Writing ..... 3 cr.
- ENGL335 African-American Literature ..... 3 cr.
- ENGL360 Contemporary Poetry ..... 3 cr.
- ENGL370 Christian Writers..... 3 cr.
- ENGL480 Topics in Literature and Language ..... 3 cr.
- THTR310 Theatre History and Literature I ..... 3 cr.
- THTR311 Theatre History and Literature II..... 3 cr.
- THTR420 Dramatic Theory and Criticism..... 3 cr.

## Required Minor or Concentration

The student majoring in English must also fulfill the requirements for a concentration within the Liberal Arts major *or* a minor offered at Bethany. Any of the concentrations or

minors offered by Bethany are acceptable for this requirement with the exception of an English concentration or an English minor.

## State of Minnesota Teaching Licensure in Communication Arts and Literature

In addition to the English major requirements students who seek state licensure for secondary level (grades 5-12) teaching of Communication Arts and Literature are required to take the courses listed above with an asterisk AND the following courses:

- COMM102 Journalism Practicum, Newspaper ..... 1 cr.  
and/or ENGL102 English Practicum, Literary Magazine ..... 1 cr.  
(Total of 2 Journalism Practicum credits required. Courses are repeatable.)
- COMM240 Introduction to Mass Media ..... 3 cr.
- EDUC200 Education Foundation/Philosophy ..... 3 cr.
- EDUC370 Introduction to the Exceptional Learner ..... 3 cr.
- EDUC401 Educational Technology and Media ..... 2 cr.
- EDUC450 Curriculum Planning and Assessment ..... 2 cr.
- EDUC455 Classroom Management ..... 1 cr.
- EDUC499 Teaching Internship and Seminars ..... 15 cr.
- ENGL317 Composition Theory and Practice ..... 3 cr.
- ENGL327 Adolescent Literature ..... 3 cr.
- ENGL444 Methods In Teaching 5-12 English ..... 3 cr.
- HIST403 Native American Culture and Government ..... 1 cr.
- HLTH206 Advanced First Aid ..... 3 cr.
- HLTH311 Drug Education ..... 3 cr.
- PSYC220 Human Growth and Development ..... 3 cr.
- PSYC360 Educational Psychology and Human Relations ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.
- THTR101 Introduction to Theatre ..... 3 cr.

## English Minor

### A minor in English requires:

- ENGL200 Introduction to Literary Studies ..... 3 cr.
- ENGL350 Literary Theory ..... 3 cr.

### One of the following:

- ENGL205 Introduction to Fiction ..... 3 cr.
- ENGL206 Introduction to Poetry and Drama ..... 3 cr.

### One of the following:

- ENGL211 American Literature I ..... 3 cr.
- ENGL212 American Literature II ..... 3 cr.

**One of the following:**

- ENGL304 British Literature: 17th and 18th Centuries..... 3 cr.
- ENGL305 British Literature: Romantics and Victorians ..... 3 cr.

**One of the following:**

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

**One of the following:**

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

**One additional elective ENGL course,**

- or appropriate COMM or THTR course ..... 3 cr.**

## **Exercise Science Major**

### **Mission Statement**

The Exercise Science major offers the student an opportunity to develop a positive attitude toward physical and mental health, and to integrate liberal learning skills through critical thinking, writing and speaking. It enables the student to demonstrate and educate others on the importance of lifelong fitness of the mind and body. Exercise science provides the opportunity for theoretical and practical knowledge and skills needed to establish a lifestyle that promotes health and prevents disease. A graduate of the exercise science major will be prepared for a career in fitness management and may take the foundation of this course work to graduate school in pursuit of a master's degree. Students must complete 59 (26 pre-major and 33 core) credits with a "C" average to qualify for graduation with a degree in exercise science.

### **Objectives**

A Bethany Lutheran College exercise science graduate will:

- Demonstrate advanced knowledge of human anatomy, physiology, motor learning and development, kinesiology, exercise physiology, aerobic and anaerobic conditioning in health and disease as they relate to responses and adaptations during physical activity and exercise.
- Demonstrate competency in health and fitness testing and measurement of individuals.
- Appropriately assess, design and implement individual fitness programs for healthy individuals and individuals in special populations.
- Formulate a personal philosophy of wellness consisting of a balanced holistic outlook including Christian ethics as applied to the field of exercise science.
- Begin to interpret appropriate research and apply it to the practice of exercise science.

## Core Requirements

### Choose one of the following:

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

### Required lower division courses:

- BIOL221 Human Anatomy (prerequisite: BIOL151 or consent of instructor).. 4 cr.
- BIOL222 Human Physiology (prerequisite: BIOL221)..... 4 cr.
- HLTH103 Healthful Living OR HLTH240 Current Health Issues..... 3 cr.
- HLTH201 Nutrition..... 3 cr.
- HLTH206 Advanced First Aid..... 3 cr.
- PHED215 Developing Life Skills..... 2 cr.
- PSYC220 Human Growth and Development ..... 3 cr.

### Required upper division courses:

- BIOL490 Introduction to Human Gross Anatomy ..... 5 cr.
- HLTH311 Drug Education ..... 3 cr.
- HLTH330 History and Philosophy of Wellness..... 3 cr.
- HLTH470 Introduction to Disease and Disorders ..... 3 cr.
- PHED310 Motor Learning and Behavior..... 3 cr.
- PHED350 Kinesiology (prerequisite: BIOL221) ..... 3 cr.

### Required upper division courses that require the prerequisites

#### BIOL221 and BIOL222:

- PHED450 Exercise Physiology ..... 4 cr.
- PHED455 Strength and Conditioning ..... 3 cr.
- PHED460 Exercise Testing and Prescription ..... 3 cr.
- PHED480 Topics in Exercise Science..... 3 cr.

## Capstone

- BIOL490 Introduction to Human Gross Anatomy ..... 5 cr.

### Recommended courses:

- COMM330 Introduction to Health Communication ..... 3 cr.
- COMM430 Health Communication Theory and Research ..... 3 cr.
- SOCL320 Research Methods in Social Sciences ..... 3 cr.

# Health Communication Minor

**A minor in Health Communication requires the following courses:**

- COMM212 Interpersonal Communication ..... 3 cr.
- COMM330 Introduction to Health Communication ..... 3 cr.
- COMM430 Health Communication Theory and Research ..... 3 cr.
- HLTH240 Current Health Issues..... 3 cr.
- SOCL320 Research Method in Social Sciences..... 3 cr.

**Two of the following:**

- HLTH103 Healthful Living ..... 3 cr.
- HLTH260 Foundations of Health Education ..... 3 cr.
- SOCL105 Problems of Contemporary Society ..... 3 cr.
- SOCL201 Marriage and the Family ..... 3 cr.

**One of the following:**

- BUSN431 Integrated Marketing Communication ..... 3 cr.
- COMM370 Organizational Communication ..... 3 cr.
- COMM375 Public Relations and Advertising..... 3 cr.
- HLTH330 History and Philosophy of Wellness ..... 3 cr.
- SOCL330 American Minorities..... 3 cr.

\*Other courses may apply with prior written consent of program coordinator.

# History Major

## Mission Statement

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

## Objectives

- To identify important leaders of the past, explain their values and goals, and evaluate their attempts to change their world.
- To recognize the power of ideas (including political theories and theological convictions) and the role of institutions (government, military, church, corporations, etc.) in shaping historical developments and sustaining cultural identities.

- To identify chief characteristics of the sciences, arts, reasoning, piety, and moral values of past world civilizations, objectively contrasting multiple cultural perspectives and historical interpretations, and recognizing how these still influence us today.
- To describe the experiences and appreciate the contributions of less privileged members of society (ethnic and religious minorities, slaves, etc.), and to explain the social and economic relations between these groups and society’s dominant individuals, institutions, and political ideals.
- To summarize the human and physical geography of major world civilizations, from ancient times to the present.
- To formulate a broad, historical perspective on world civilizations and on the unique development of American identity, in order to become a historically informed participant in present-day American and global civic life.
- To distinguish political ideas whose significance is limited to particular historical conditions from those of more enduring, even eternal, significance (e.g., natural law principles).
- To recognize the legitimate diversity found in American and world civilizations and explain the cultural contributions of various world cultures upon the development of the West.
- To demonstrate an improvement in skills in analytical reading and writing, listening and public speaking, critical thinking, and moral reasoning concerning events of the past and their relation to present lives.
- To apply critical thinking skills to the analysis of primary and secondary sources, including both written and visual media.
- To polish with professional competence works of formal academic writing, including documentation in the accepted style of the discipline.

## **Entry into the Major**

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

## **Core Requirements**

### **Required lower division courses:**

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

## Major Electives

**World History (choose three of the following, at least two of which must be HIST courses):**

- ANTH210 World Prehistory ..... 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 Impressionism to Contemporary..... 3 cr.
- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST117 Modern World History ..... 3 cr.
- MUSC121 Music History I..... 3 cr.
- MUSC122 Music History II..... 3 cr.

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

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

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

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

- HIST315 History of Ancient Greece..... 3 cr.
- HIST320 History of Ancient Rome..... 3 cr.
- HIST330 Dark Age Europe..... 3 cr.
- HIST335 The High Middle Ages..... 3 cr.
- HIST340 Renaissance and Reformation Eras ..... 3 cr.
- HIST345 Tudor and Stuart England..... 3 cr.
- HIST350 French Revolution through Napoleon ..... 3 cr.
- HIST360 Early and Imperial Russian History ..... 3 cr.
- HIST365 The Russian Revolution and the Soviet Union ..... 3 cr.

**Post-1815 courses** (choose at least one of the following which may simultaneously fulfill either the American or European requirement):

- HIST365 The Russian Revolution and the Soviet Union ..... 3 cr.
- HIST430 The American Civil War and Reconstruction ..... 3 cr.
- HIST445 The World in the 20th Century ..... 3 cr.
- HIST450 Civil Rights Movement ..... 3 cr.
- HIST460 Religion in American History ..... 3 cr.
- HIST470 The Supreme Court and the American People ..... 3 cr.

**Additional upper division electives:**

- HIST380 Topics in World History ..... 3 cr.
- HIST499 History Internship ..... 1-3 cr.

**Recommended religious studies electives to complement the history major:**

*Lower division*

- RELG203 The Life of Christ ..... 2 cr.
- RELG204 Israel’s History ..... 2 cr.
- RELG206 Acts of the Apostles ..... 2 cr.

*Upper division*

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

## Capstone

- LART490 Introduction to Research and Writing ..... 3 cr.
- HIST495 Senior Seminar in History ..... 3 cr.

## History Minor

**The minor in History requires the following courses:**

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

**Two of the following:**

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations ..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST117 Modern World History ..... 3 cr.

**Nine additional credits must be earned in upper division**

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



# Information Systems Minor

The minor in Information Systems requires the following courses:

- COMS103 Introduction to Programming I..... 3 cr.
- COMS104 Introduction to Programming II ..... 3 cr.
- MISY300 Software Applications..... 3 cr.
- MISY302 MIS in the Organization ..... 3 cr.
- MISY440 Project Management..... 3 cr.

Two of the following:

- BUSN307 Business Communications ..... 3 cr.
- COMM314 Information: Discovery and Management ..... 3 cr.
- COMM475 Media Ecology..... 3 cr.
- COMS320 Data Communications..... 3 cr.
- SCIE350 Technology in Society ..... 3 cr.

## Liberal Arts Major

### Mission Statement

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

### Objectives

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

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

### Entry into the Major

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

## Core Requirements

1. A distribution of three- and four-hundred level courses in the following areas:
  - Social Studies (2 courses)
  - Arts and Humanities (3 courses)
  - History (1 course)
  - Science/Math (2 courses)
2. At least one concentration
3. LART490 Introduction to Research and Writing  
and LART495 Senior Seminar Liberal Arts

## Concentrations

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

### Ancient and Classical Studies

#### **The concentration in Ancient and Classical Studies requires:**

- ANTH102 Cultural Anthropology ..... 3 cr.
- ANTH210 World Prehistory ..... 3 cr.
- ARTS105 Art History I Prehistory to the Gothic Period  
or THTR101 Introduction to Theatre..... 3 cr.
- ENGL201 Survey of Classical Greek Literature  
or ENGL202 Survey of Roman Literature..... 3 cr.
- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- PHIL202 Introduction to Philosophy..... 3 cr.
- RELG204 Israel's History..... 2 cr.
- Two semesters of one ancient language: Hebrew, Greek, or Latin ..... 8 cr.

#### **At least one of the following:**

- HIST310 Ancient Near East History..... 3 cr.
- HIST315 History of Ancient Greece..... 3 cr.
- HIST320 History of Rome ..... 3 cr.

#### **At least two of the following:**

- PHIL330 History of Western Philosophy I..... 3 cr.
- PHIL450 Philosophical Readings..... 3 cr.
- RELG300 History of Christian Thought I:  
Post-Apostolic Fathers to Chalcedon..... 3 cr.
- RELG325 Psalms and Wisdom Literature of the Old Testament..... 3 cr.

#### **At least one of the following:**

- ARTS342 Greek Art History ..... 3 cr.
- GREK304 Advanced Greek: Plato's Symposium..... 3 cr.

- THTR310 Theatre History and Literature I\* ..... 3 cr.

## Ancient and Medieval Studies

### **The concentration in Ancient and Medieval Studies requires:**

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST325 History of the Western World in the Middle Ages ..... 3 cr.

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

- ENGL201 Survey of Classical Greek Literature ..... 3 cr.
- ENGL202 Survey of Roman Literature ..... 3 cr.
- ENGL203 Survey of Medieval and Renaissance Literature ..... 3 cr.

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

- HIST310 Ancient Near East History ..... 3 cr.
- HIST315 History of Ancient Greece ..... 3 cr.
- HIST320 History of Ancient Rome ..... 3 cr.

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

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

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

- ARTS342 Greek Art History ..... 3 cr.
- THTR310 Theatre History and Literature I ..... 3 cr.

## Art History

### **The concentration in Art History requires:**

- ARTS105 Art History I Prehistory to the Gothic Period ..... 3 cr.
- ARTS106 Art History II Renaissance to Realism ..... 3 cr.
- ARTS107 Art History III Impressionism to Contemporary ..... 3 cr.
- ARTS342 Greek Art History ..... 3 cr.
- ARTS344 American Art History ..... 3 cr.
- \*ARTS450 Art Theory and Criticism ..... 3 cr.

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

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations ..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST310 Ancient Near East History ..... 3 cr.
- HIST315 History of Ancient Greece ..... 3 cr.

- HIST320 History of Ancient Rome..... 3 cr.

**One of the following:**

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

## Biology

**The concentration in Biology requires:**

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

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

- BIOL203 Botany..... 4 cr.
- BIOL210 Zoology ..... 4 cr.
- BIOL221 Human Anatomy ..... 4 cr.
- BIOL222 Human Physiology ..... 4 cr.
- BIOL340 Genetics ..... 4 cr.
- BIOL350 Cell Biology ..... 4 cr.
- BIOL360 Microbiology..... 4 cr.
- BIOL370 Ecology ..... 4 cr.
- BIOL480 Topics in Biology ..... 3-4 cr.
- BIOL490 Introduction to Human Gross Anatomy ..... 5 cr.
- BIOL498 Biology Independent Research..... 3-4 cr.
- BIOL499 Biology Internship ..... 3-4 cr.
- CHEM323 General Biochemistry ..... 4 cr.
- HLTH470 Introduction to Diseases and Disorders..... 3 cr.
- PHED350 Kinesiology..... 3 cr.
- PHED450 Exercise Physiology ..... 4 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.
- SCIE330 Ethics in Science ..... 3 cr.
- SCIE340 Environmental Issues ..... 3 cr.

## Communication

**The concentration in Communication requires at least two of the following:**

- COMM314 Information: Discovery and Management ..... 3 cr.
- COMM318 Small Group Communication..... 3 cr.
- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM340 Rhetorical Traditions ..... 3 cr.
- COMM370 Organizational Communication..... 3 cr.

Two additional upper-division communication (COMM) courses, one of which may be from the 200-level.

## English

### **The concentration in English requires:**

- ENGL200 Introduction to Literary Studies ..... 3 cr.
- ENGL350 Literary Theory ..... 3 cr.

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

- ENGL205 Introduction to Fiction ..... 3 cr.
- ENGL206 Introduction to Poetry and Drama ..... 3 cr.

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

- ENGL211 American Literature I ..... 3 cr.
- ENGL212 American Literature II ..... 3 cr.

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

- ENGL304 British Literature: 17th and 18th Centuries ..... 3 cr.
- ENGL305 British Literature: Romantics and Victorians ..... 3 cr.

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

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

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

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

### **One additional elective ENGL course,**

- or appropriate COMM or THTR course ..... 3 cr.**

## History

### **The concentration in History requires three of the following:**

- HIST114 The Rise of Ancient World Civilizations ..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations ..... 3 cr.
- HIST116 Early Modern World Civilizations ..... 3 cr.
- HIST117 Modern World History ..... 3 cr.
- HIST207 History of USA I ..... 3 cr.
- HIST208 History of USA II ..... 3 cr.

### **A minimum of three upper division history (HIST) courses.**

### **A minimum of one of the following courses:**

- ARTS342 Greek Art History ..... 3 cr.
- ARTS344 American Art History ..... 3 cr.
- MUSC341 Music of the Renaissance and Baroque ..... 3 cr.
- MUSC342 Music of the Baroque and Classic Era ..... 3 cr.
- MUSC343 Music of the 19th Century ..... 3 cr.
- MUSC344 Music of the 20th Century ..... 3 cr.
- PHIL330 History of Western Philosophy I ..... 3 cr.
- PHIL331 History of Western Philosophy II ..... 3 cr.
- RELG360 History of the Christian Church ..... 3 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.

## Mathematics

### The concentration in Mathematics requires:

- MATH120 Introduction to Statistics ..... 3 cr.
- MATH141 Calculus I..... 5 cr.
- MATH142 Calculus II ..... 5 cr.
- MATH390 History of Mathematics..... 3 cr.

## Medieval Studies

### The concentration in Medieval Studies requires three of the following:

- ANTH102 Cultural Anthropology ..... 3 cr.
- ARTS105 Art History I Prehistory to the Gothic Period  
or THTR101 Introduction to Theatre..... 3 cr.
- ENGL203 Survey of Medieval and Renaissance Literature..... 3 cr.
- HIST115 Medieval/Renaissance World Civilizations..... 3 cr.
- LATN101 Introduction to Latin I and LATN102 Introduction to Latin II.. 8 cr.
- PHIL202 Introduction to Philosophy..... 3 cr.

### At least two of the following:

- HIST330 Dark Age Europe..... 3 cr.
- HIST335 The High Middle Ages..... 3 cr.
- HIST340 Renaissance and Reformation Eras ..... 3 cr.
- THTR310 Theatre History and Literature I\* ..... 3 cr.

### At least one of the following:

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

## Music

### The concentration in Music requires three of the following:

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

### Two of the following:

- MUSC303 Music Communication and Technology..... 3 cr.
- MUSC335 Music Theatre..... 3 cr.
- MUSC340 Survey of World Dance ..... 3 cr.
- MUSC341 Music of the Renaissance and Baroque ..... 3 cr.
- MUSC342 Music of the Baroque and Classic Era..... 3 cr.
- MUSC343 Music of the 19th Century..... 3 cr.

• MUSC344 Music of the 20th Century .....	3 cr.
• MUSC417 Counterpoint and Composition .....	3 cr.
• MUSC418 Analysis and Composition.....	3 cr.
• MUSC435 Opera and Lyric Theatre .....	3 cr.
• MUSC440 World Music.....	3 cr.
<b>Two credits of applied music (private lessons)</b> .....	2 cr.
<b>Two credits of ensemble music</b> .....	2 cr.

## Natural Sciences

**The concentration in the Natural Sciences requires:**

### *Group 1*

• CHEM107 General, Organic and Biochemistry .....	5 cr.
or	
• CHEM113 General Chemistry I and .....	5 cr.
• CHEM114 General Chemistry II .....	5 cr.

### *Group 2*

• PHYS151 College Physics I and .....	4 cr.
• PHYS152 College Physics II.....	4 cr.
or	
• PHYS213 General Physics I and .....	5 cr.
• PHYS214 General Physics II .....	5 cr.

### *Group 3*

• BIOL101 Principles of Biology.....	4 cr.
or	
• BIOL151 General Biology I.....	4 cr.

### *Group 4*

**Three of the following:**

• SCIE320 History and Philosophy of Science.....	3 cr.
• SCIE330 Ethics in Science.....	3 cr.
• SCIE340 Environmental Issues .....	3 cr.
• SCIE350 Technology in Society .....	3 cr.

## Philosophy

**The concentration in Philosophy requires 21 credits, distributed as follows:**

**Nine lower division credits:**

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

**At least one of the following:**

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

**Up to three of the following philosophy-related courses in any combination,**

**but no more than two courses from the same department (i.e., course prefix):**

- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM340 Rhetorical Traditions ..... 3 cr.
- COMM385 Law and Ethics in Media..... 3 cr.
- ENGL350 Literary Theory ..... 3 cr.
- RELG300 History of Christian Thought I:  
    Post-Apostolic Fathers to Chalcedon..... 3 cr.
- RELG301 History of Christian Thought II: Chalcedon to 15th Century .... 3 cr.
- RELG302 History of Christian Thought III:  
    17th Century Enlightenment to Modern and Post Modern ..... 3 cr.
- RELG330 Christian Social Thought..... 3 cr.
- RELG360 History of the Christian Church..... 3 cr.
- RELG420 The Rhetoric of Religion..... 3 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.
- SCIE330 Ethics in Science..... 3 cr.
- THTR420 Dramatic Theory and Criticism ..... 3 cr.

## Psychology

**The concentration in Psychology requires:**

- PSYC210 General Psychology..... 4 cr.
- PSYC220 Human Growth and Development ..... 3 cr.
- PSYC475 History and Systems of Psychology ..... 3 cr.
- SOCL320 Research Methods in Social Sciences ..... 3 cr.

**One of the following:**

- PSYC310 Personality..... 3 cr.
- SOCL345 Religion and Society..... 3 cr.

**Two additional upper division psychology (PSYC) courses ..... 6 cr.**

## Religious Studies

**The concentration in Religious Studies requires:**

- Completion of the lower-division religious studies requirement ..... 8 cr.
- A total of five upper-division religious studies courses ..... 15 cr.

**Two of the following may be substituted for one of the above religious studies courses:**

- GREK304 Advanced Greek: Plato's Symposium..... 3 cr.
- HIST460 Religion in American History..... 3 cr.
- SOCL345 Religion and Society..... 3 cr.

## Sociology

**The concentration in Sociology requires:**

- SOCL101 Introduction to Sociology ..... 3 cr.
- Five additional courses from the sociology (SOCL or ANTH) electives,



four of which must be upper division courses ..... 15 cr.

## Spanish

### **The concentration in Spanish requires:**

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

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

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

## Studio Art

### **The concentration in Studio Art requires:**

- ARTS102 2-Dimensional Design ..... 3 cr.
- ARTS110 Drawing I ..... 3 cr.
- ARTS202 3-Dimensional Design ..... 3 cr.

### **Core art history - three of the following:**

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

### **One of the following emphases:**

#### *Ceramics emphasis*

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

#### *Drawing emphasis*

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

#### *Graphic Arts emphasis*

- ARTS230 Introduction to Publishing and Design ..... 3 cr.
- ARTS330 Electronic Imaging ..... 3 cr.
- ARTS332 Introduction to Multimedia Authoring/Flash ..... 3 cr.

#### *Painting emphasis*

- ARTS114 Painting I ..... 3 cr.
- ARTS214 Painting II ..... 3 cr.
- ARTS314 Painting III ..... 3 cr.

#### *Photography emphasis*

- ARTS113 Photography I ..... 3 cr.

- ARTS213 Photography II..... 3 cr.
- ARTS313 Photography III/Experimental ..... 3 cr.
- ARTS413 Photography IV/Digital Studio..... 3 cr.
- Sculpture emphasis*
- ARTS116 Sculpture I ..... 3 cr.
- ARTS216 Sculpture II..... 3 cr.
- ARTS316 Sculpture III ..... 3 cr.
- Optional:**
- ARTS450 Art Theory and Criticism ..... 3 cr.
- ARTS452 Contemporary Issues in Art ..... 3 cr.

## Theatre

**The concentration in Theatre requires:**

- THTR101 Introduction to Theatre ..... 3 cr.

**One of the following:**

- THTR102 Acting I..... 3 cr.
- THTR105 Stage Craft..... 3 cr.

**One of the following:**

- THTR210 Directing I ..... 3 cr.
- THTR215 Rudiments of Theatrical Design..... 3 cr.

**Three of the following:**

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

**Two credits of 100-level practicum** ..... 2 cr.

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

# Mathematics Major

## Mission Statement

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

## Objectives

- Apply mathematical critical thinking and reasoning skills to better understand the inherent beauty and structure of God’s creation.
- Formulate and apply algorithms to solve mathematical problems, implementing technology when appropriate, and judge the validity of the results.
- Model and analyze real world problems by reformulating these problems in a mathematical context through drawing inferences from data represented graphically, verbally, numerically, or symbolically.
- Organize and explain mathematical ideas in written and verbal form, including proper use of terms and notation.
- Demonstrate mastery of the core concepts in algebra and analysis.
- Develop and evaluate mathematical proofs.
- Elucidate the interdependency of different areas of mathematics and the connections between mathematics and other disciplines.

## Entry into the Major

A student wishing to major in mathematics must submit a formal application to the major after completing MATH243. Extraordinary cases will be dealt with on an individual basis. Upon receipt of the application, 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 all mathematics coursework
- Secured an advisor within the mathematics department

## Core Requirements

### Required lower division courses:

- MATH141 Calculus I ..... 5 cr.
- MATH142 Calculus II ..... 5 cr.
- MATH243 Multivariable Calculus ..... 4 cr.
- MATH295 Foundations of Abstract Mathematics..... 3 cr.

### Required upper division courses:

- MATH341 Introduction to Analysis ..... 3 cr.
- MATH351 Linear Algebra..... 3 cr.
- MATH450 Abstract Algebra ..... 4 cr.

## Major Electives

### Required 13 credits:

- MATH260 Ordinary Differential Equations ..... 3 cr.
- MATH321 Probability and Statistics I ..... 3 cr.
- MATH322 Probability and Statistics II ..... 3 cr.
- MATH380 Numerical Analysis ..... 4 cr.
- MATH385 Mathematical Modeling..... 3 cr.
- MATH390 History of Mathematics..... 3 cr.

- MATH440 Real Analysis ..... 3 cr.
- MATH460 Partial Differential Equations..... 4 cr.
- MATH470 Complex Analysis ..... 4 cr.
- MATH480 Topics in Mathematics ..... 1-4 cr.
- MATH499 Mathematics Internship..... 1-2 cr.

## Capstone/Internship

- MATH491 Mathematics Colloquium..... 1 cr.

**Choose one of the following:**

- MATH495 Senior Thesis..... 2 cr.
- MATH499 Mathematics Internship..... 1-3 cr.

## Mathematics Minor

**The minor in Mathematics requires:**

- MATH141 Calculus I..... 5 cr.
- MATH142 Calculus II ..... 5 cr.
- MATH243 Multivariable Calculus ..... 4 cr.

**Electives – any two courses:**

- Any Mathematics (MATH) courses numbered above MATH243 ..... 3-5 cr.

## Media Arts Major

### Mission and Objectives

The media arts major at Bethany Lutheran College seeks to synthesize the expertise of the communication specialist with the aesthetic and creative sensibilities of the visual artist in order to produce graduates who are highly employable but who also possess an intellectual skill set far beyond the merely technical. In specific, the media arts major at Bethany Lutheran College seeks to produce graduates who...

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

Our graduates are also expected to have critically examined the role of the artist in society and considered the unique responsibilities of the Christian visual artist.

## Entry into the Major

Each student is expected to formally apply for entry into the media arts major. This could be done at any time, but preferably before the end of the sophomore year. Entry into the major requires a minimum grade point average of 3.0 in all pre-major coursework (see below). An application form may be obtained from any Media Arts faculty.

## Core Requirements

**Pre-major requirements** (19-21 credits – may be taken concurrently with other major requirements):

- ARTS102 2-Dimensional Design ..... 3 cr.
- ARTS110 Drawing I ..... 3 cr.
- ARTS230 Introduction to Publishing and Design ..... 3 cr.
- COMM240 Introduction to Mass Media ..... 3 cr.
- COMM318 Small Group Communication ..... 3 cr.
- COMM295 Audio/Video Production I (1 cr.)  
or COMM297 Audio/Video Production II (3 cr.) ..... 1 or 3 cr.
- ENGL213 Creative Writing ..... 3 cr.

**Historical Perspective** – Choose two of the following:

- ARTS107 Art History III Impressionism to Contemporary ..... 3 cr.
- ARTS344 American Art History ..... 3 cr.
- ARTS452 Contemporary Issues in Art ..... 3 cr.
- COMM365 Images on Film ..... 3 cr.

**Theoretical and Critical Analysis** – Choose three of the following,  
must include COMM385:

- ARTS450 Art Theory and Criticism ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM385 Law and Ethics in Media ..... 3 cr.
- ENGL350 Literary Theory ..... 3 cr.

## Area of Emphasis

Theory and practice (15 credits - choose one of three areas of emphasis):

### Design

- ARTS312 Introduction to Illustration ..... 3 cr.
- ARTS330 Electronic Imaging..... 3 cr.
- ARTS332 Introduction to Multimedia Authoring/Flash..... 3 cr.
- ARTS336 Graphics for World Wide Web ..... 3 cr.
- ARTS430 Graphic Design Studio/Portfolio..... 3 cr.

### Animation

- ARTS330 Electronic Imaging..... 3 cr.
- ARTS332 Introduction to Multimedia Authoring/Flash..... 3 cr.
- COMM360 Visual Communication..... 3 cr.
- MART390 Animation ..... 3 cr.
- MART430 Motion Graphic Design ..... 3 cr.

### Video Arts

- ARTS330 Electronic Imaging..... 3 cr.
- COMM360 Visual Communication..... 3 cr.
- COMM465 Editing for Film and Video ..... 3 cr.
- MART390 Animation ..... 3 cr.
- MART430 Motion Graphic Design ..... 3 cr.

### Optional Internship

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

### Capstone

- MART480 Topics in Media Art ..... 3 cr.

## Music Major

### Mission Statement

Bethany offers a Bachelor of Arts degree in Music. This degree is built upon the understanding that music derives its purpose and strength from its role as a servant of Christ and His church. Students majoring in music may choose a course of study emphasizing theory and composition, history and literature, conducting, or performance.

### Objectives

- Theory, Composition, and Music Skills: Students will be able to create, manipulate and analyze musical structures typical of the major historical musical periods, utilizing the many elements of musical language such as melody, harmony, rhythm, form, timbre, and notation.
- Music History: Students will be able to 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 analog as well as digital resources for research into musical history and literature.
- Ensemble Experience: Students will be able to rehearse and perform a wide variety of music with others in ensemble situations with an understanding of how to modify individual performance skills for the good of the larger performing entity.

- Studio Music: Students will demonstrate the technique necessary to perform representative repertoire of the major musical periods on their primary instrument.
- Spiritual Growth: Students will show that music is a gift of God, to be used to reflect His glory by benefitting those who encounter the music.

## Entry into the Major

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

## Core Requirements

### Required lower division courses:

• MUSC111 Music Theory I .....	3 cr.
• MUSC112 Music Theory II.....	3 cr.
• MUSC114 Music Skills I .....	2 cr.
• MUSC115 Music Skills II.....	2 cr.
• MUSC121 Music History I.....	3 cr.
• MUSC122 Music History II.....	3 cr.
• MUSC211 Music Theory III.....	3 cr.
• MUSC212 Music Theory IV.....	3 cr.
• MUSC214 Music Skills III .....	2 cr.
• MUSC215 Music Skills IV .....	2 cr.

### Required upper division courses:

#### Five of the following:

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

### Additional requirements:

Eight credits of applied music (private lessons).....	8 cr.
Eight credits of ensemble music.....	8 cr.

## Capstone

**Students must take one of the following:**

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

## Area of Emphasis

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

### Church Music

Outcome: 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.
- MUSC205 Hymnody and Liturgics ..... 2 cr.
- MUSC261 Choral Conducting ..... 3 cr.
- MUSC307 Survey of Organ History and Literature ..... 2 cr.
- MUSC309 Service Playing and Repertoire..... 2 cr.
- Two credits of applied music in a secondary medium ..... 2 cr.
- 12 additional academic music course credits at the 300 and 400 level.

### Conducting

Outcome: 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.
- MUSC205 Hymnody and Liturgics ..... 2 cr.
- MUSC261 Choral Conducting ..... 3 cr.
- MUSC262 Instrumental Conducting ..... 3 cr.
- MUSC418 Analysis and Composition..... 3 cr.

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

Two credits of applied music conducting. (MUSC 390F, 490F)

The Music Capstone will be a conducting program/project.

### Music History

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



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

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

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

## Performance

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

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

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

### **The following coursework is required:**

#### **Piano:**

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

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

#### **Voice:**

- MUSC161 Introduction to Conducting ..... 1 cr.
- MUSC261 Choral Conducting ..... 2 cr.
- MUSC335 Music Theatre..... 3 cr.
- MUSC343 Music of the 19th Century ..... 3 cr.
- MUSC435 Opera and Lyric Theatre ..... 3 cr.

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

#### **Instrumental:**

- MUSC161 Introduction to Conducting ..... 1 cr.
- MUSC261 Choral Conducting ..... 2 cr.
- MUSC342 Music of the Baroque and Classic Era..... 3 cr.
- MUSC343 Music of the 19th Century..... 3 cr.

- MUSC344 Music of the 20th Century ..... 3 cr.
- Six additional academic music course credits at the 300 and 400 level.

## Theory and Composition

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

- MUSC344 Music of the 20th Century ..... 3 cr.
- MUSC417 Counterpoint and Composition ..... 3 cr.
- MUSC418 Analysis and Composition..... 3 cr.

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

Two credits of applied music composition. (390E, 490E)

The Music Capstone will be a composition project or recital.

## Music Minor

**The minor in Music requires:**

**Four of the following:**

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

**Three of the following:**

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

**Additional Requirements:**

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

# Psychology Major

## Mission Statement

Psychology studies the greatest work of God’s creation — human beings. The psychology major at Bethany is designed to introduce the student to the science of individual and group human behavior. The primary goal is to help students better understand the providential love of God while preparing to help others.

## Objectives

The American Psychological Association’s Board of Educational Affairs provided ten suggested objectives and related learning outcomes for the undergraduate psychology major. They are grouped into two major categories. These objectives have been refined to reflect the unique mission of Bethany Lutheran College’s Department of Psychology.

### **Knowledge, Skills, and Values Consistent with the Science of Psychology and Biblical Truth, Along with the Application of Psychology.**

- Knowledge Base of Psychology: Students will demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.
- Research Methods in Psychology: Students will apply basic research methods in psychology, including research design, data analysis, and interpretation to better understand human behavior.
- Critical Thinking Skills in Psychology: Students will respect and use critical and creative thinking, skeptical inquiry, and, when possible, the scientific approach to solve problems related to behavior and mental processes.
- Application of Psychology: Students will understand and apply psychological principles to personal, spiritual, social, and organizational issues.
- Values in Psychology: Students will be able to weigh evidence, tolerate ambiguity, act ethically, behave in accordance to the code of ethics within the discipline of psychology and the Christian faith.

### **Knowledge, Skills, and Values Consistent with Liberal Arts Education that are Further Developed in Psychology**

- Information and Technological Literacy: Students will demonstrate information competence and the ability to use computers and other technology for many purposes.
- Communication Skills: Students will be able to communicate effectively in a variety of formats consistent with the APA style guide.
- Sociocultural and International Awareness: Students will recognize, understand, and respect the complexity of sociocultural and international diversity.
- Personal Development: Students will develop insight into their own and others’

behavior and mental processes, apply effective strategies for self-management and self-improvement, and value Christian stewardship (lives of service before God) and face the realities of life on earth with a view of the hereafter.

- Career Planning and Development: Students will emerge from the major as a lifelong learner with realistic ideas about how to implement their psychological knowledge, skills, and values in occupational pursuits in a variety of settings.

## Entry into the Major

Psychology majors must complete a formal application after completing three college semesters. The following qualifications will be necessary for acceptance into the major:

- At least a 2.5 GPA in the first three semesters
- At least a 2.5 GPA in PSYC210, PSYC220
- Successful completion of an interview by the department

A major in psychology requires a minimum of 37 credits: 25 core credit requirements and a minimum of 12 additional credits in a selected emphasis.

### Required pre-major courses:

- BIOL101 Principles of Biology ..... 4 cr.
- COMM212 Interpersonal Communication ..... 3 cr.
- RELG209 Christian Doctrine I..... 2 cr.

### One of the following:

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

### One of the following:

- MATH110 Math Problem Solving ..... 4 cr.
- MATH111 College Algebra ..... 4 cr.

### One of the following:

- ANTH102 Cultural Anthropology ..... 3 cr.
- SOCL201 Marriage and the Family ..... 3 cr.

### Recommended courses:

- MATH120 Introduction to Statistics ..... 3 cr.
- PHIL204 Ethics ..... 3 cr.
- RELG330 Christian Social Thought..... 3 cr.

## Core Requirements

### Understanding the field of psychology:

- PSYC210 General Psychology..... 4 cr.
- PSYC475 History and Systems of Psychology ..... 3 cr.

### Understanding human behavior:

- PSYC220 Human Growth and Development ..... 3 cr.
- PSYC310 Personality..... 3 cr.
- PSYC340 Social Psychology ..... 3 cr.
- PSYC350 Abnormal Psychology ..... 3 cr.

### Understanding the basics of research:

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

**Training in helping skills:**

- PSYC450 Principles and Strategies of Counseling..... 3 cr.

## Area of Emphasis

### General Emphasis

- Any four upper division electives offered by the psychology (PYSC) department ..... 12 cr.

### Counseling Emphasis

- PSYC360 Educational Psychology and Human Relations ..... 3 cr.
- PSYC420 Psychological Testing and Measurements ..... 3 cr.
- PSYC460 Facilitating Groups ..... 3 cr.

**Two of the following:**

- HLTH311 Drug Education ..... 3 cr.
- PSYC430 Introduction to Physiological Psychology ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.
- SOCL345 Religion and Society ..... 3 cr.

### Industrial/Organizational Emphasis

- PSYC410 Industrial/Organizational Psychology ..... 3 cr.  
(cross listed with COMM370 Organizational Communication)
- PSYC420 Psychological Testing and Measurements ..... 3 cr.
- PSYC460 Facilitating Groups..... 3 cr.

**Two of the following:**

- BUSN333 Consumer Behavior ..... 3 cr.
- BUSN410 Leadership and Organizational Change ..... 3 cr.
- BUSN420 Managing Human Resources..... 3 cr.

**Recommended courses:**

- BUSN310 Principles of Management ..... 3 cr.
- BUSN431 Integrated Marketing Communication ..... 3 cr.
- COMM375 Public Relations and Advertising..... 3 cr.
- COMM440 Communication Theory ..... 3 cr.

## Psychology Minor

**The minor in Psychology requires:**

- PSYC210 General Psychology..... 4 cr.
- PSYC220 Human Growth and Development ..... 3 cr.
- PSYC475 History and Systems of Psychology ..... 3 cr.

At least three other courses in psychology,  
one of which must be upper division..... 9 cr.

## Religion Major Mission Statement

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

### Objectives

- 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.

### 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 ..... 2 cr.
- RELG2XX Second year religion elective ..... 2 cr.

#### Required upper division courses:

- RELG316 Comparative World Religions..... 3 cr.
- RELG335 The Lutheran Confessions..... 3 cr.

- RELG420 The Rhetoric of Religion..... 3 cr.
- SOCL345 Religion and Society ..... 3 cr.

## Major Electives

**Choose four of the following courses:**

- RELG300 History of Christian Thought I:  
Post-Apostolic Fathers to Chalcedon..... 3 cr.
- RELG301 History of Christian Thought II: Chalcedon to 15th Century ... 3 cr.
- RELG302 History of Christian Thought III:  
17th Century Enlightenment to Modern and Post Modern ..... 3 cr.
- RELG320 Luther: His Ongoing Significance ..... 3 cr.
- RELG325 Psalms and Wisdom Literature of the Old Testament..... 3 cr.
- RELG330 Christian Social Thought..... 3 cr.
- 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.
- RELG425 Influence of Eastern Religion upon  
American Culture and Thinking ..... 3 cr.
- RELG435 Intertestament Period ..... 3 cr.
- RELG480 Topics in Religious Studies..... 3 cr.
- RELG495 Senior Seminar in Religious Studies..... 3 cr.
- RELGIND Independent Study (per Instructor's approval) ..... 3 cr.

## Area of Emphasis

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

### Capstone

- LART490 Introduction to Research and Writing  
or SOCL320 Research Methods in Social Studies..... 3 cr.
- RELG495 Senior Seminar in Religious Studies..... 3 cr.

## Religion Minor

**The minor in Religion requires a minimum of 24 credits.**

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

**Two Religion (RELG) courses at the 200-level**

(MUSC205 may be counted as one of these)..... 4 cr.

**Four upper division RELG courses..... 12 cr.**

**Additional 2-3 RELG courses** (depending on credits for a total of 24 credits), or  
**Two of the following:**

- GREK304 Advanced Greek: Plato’s Symposium..... 3 cr.
- HIST460 Religion in American History..... 3 cr.
- SOCL345 Religion and Society..... 3 cr.

# Sociology Major

## Mission Statement

Sociology is the social science which focuses on human group behavior in society. The overarching purpose of the major at Bethany is for students to become responsible citizens, aware of social realities to be used for the betterment of society and for the glory of God.

The discipline uses scientific methods to analyze and understand contemporary American social structures, human social behavior, and the organization and functioning of groups. It employs the Bible for faith and moral absolutes.

## Objectives

The Sociology Department at Bethany Lutheran College has the following objectives for sociology majors. Assessment tools include: grades, individual projects, group projects, papers, presentations, discussions, internships, capstone course evaluations, entry and exit interviews, and the like.

Specifically, students master a body of sociological concepts and skills as evidenced by their ability to:

- Demonstrate an understanding of basic theories and findings used by sociologists in order to understand human group behavior
- Demonstrate required methodological proficiency in social science research including qualitative and quantitative measures
- Locate and analyze professional literature in seeking answers to questions surrounding a variety of issues and problems
- Furthermore, students employ critical thinking skills along with the “sociological imagination” to understand and analyze social implications of global events and trends
- Be more conscious of the wide array of factors which reduce quality of life in the United States
- Develop an ability to analyze current social problems with a view of identifying possible solutions
- See social behavior in terms of predictable patterned behavior
- See oneself in terms of social constraints and personal freedoms

Finally, students combine spiritual and social insights to:

- Better understand the moral and ethical undercurrents of today’s social problems
- Develop a Christian worldview as it relates to group behavior
- Gain a deeper appreciation of the biblical guidance for social living



## Entry into the Major

Admission to the sociology major is granted by the department and includes minimum requirements:

- A minimum GPA of 2.5
- A minimum of 32 earned semester credit hours
- SOCL101 Introduction to Sociology ..... 3 cr.

## Core Requirements

The major consists of 36 credits, at least 18 of which are from upper division courses. Students are required to take the following four courses plus 24 additional credits from the list of sociological offerings.

- SOCL320 Research Methods in Social Sciences ..... 3 cr.
- SOCL330 American Minorities  
or ANTH102 Cultural Anthropology ..... 3 cr.
- SOCL410 Sociological Theory ..... 3 cr.
- SOCL440 Social Stratification ..... 3 cr.

## Major Electives

- ANTH102 Cultural Anthropology ..... 3 cr.
- ANTH210 World Prehistory ..... 3 cr.
- ANTH220 Globalization and Culture Change ..... 3 cr.
- ANTH302 Violence ..... 3 cr.
- PHED320 Social Aspects of Sports ..... 3 cr.
- PSYC340 Social Psychology ..... 3 cr.
- RELG330 Christian Social Thought..... 3 cr.
- SOCL105 Problems of Contemporary Society ..... 3 cr.
- SOCL201 Marriage and the Family ..... 3 cr.
- SOCL235 Death and Dying ..... 3 cr.
- SOCL240 Criminal Deviance and Justice ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.
- SOCL345 Religion and Society ..... 3 cr.
- SOCL350 Aging in Society/PSYC330 Psychology of Adult Development ... 3 cr.
- SOCL430 Collective Behavior and Social Movements..... 3 cr.
- SOCL480 Topics in Sociology..... 3 cr.
- SOCL499 Sociology Internship..... 3 cr.
- SOCLIND Independent Study..... 3 cr.

## Sociology Minor

The minor in Sociology requires the following courses:

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

### Minor Electives

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

- ANTH102 Cultural Anthropology ..... 3 cr.
- ANTH210 World Prehistory ..... 3 cr.
- ANTH220 Globalization and Culture Change ..... 3 cr.
- ANTH302 Violence ..... 3 cr.
- PHED320 Social Aspects of Sports ..... 3 cr.
- PSYC340 Social Psychology ..... 3 cr.
- RELG330 Christian Social Thought ..... 3 cr.
- SOCL105 Problems of Contemporary Society ..... 3 cr.
- SOCL201 Marriage and the Family ..... 3 cr.
- SOCL235 Death and Dying ..... 3 cr.
- SOCL240 Criminal Deviance and Justice ..... 3 cr.
- SOCL320 Research Methods in Social Sciences ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.
- SOCL345 Religion and Society ..... 3 cr.
- SOCL350 Aging in Society/PSYC330 Psychology of Adult Development ... 3 cr.
- SOCL410 Sociological Theory ..... 3 cr.
- SOCL430 Collective Behavior and Social Movements..... 3 cr.
- SOCL440 Social Stratification ..... 3 cr.
- SOCL480 Topics in Sociology..... 3 cr.
- SOCL499 Sociology Internship..... 3 cr.
- SOCLIND Independent Study..... 3 cr.

## Spanish Minor

**The minor in Spanish requires the following courses:**

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

**One of the following:**

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

## Studio Art Major

### Mission Statement

The studio art major provides curricular opportunities for the development of technical skills, aesthetic judgment, and historical understanding. Participation in both studio and art history courses stimulates critical thinking and refines creative potential

in the visual arts. The studio art major may choose to pursue a variety of interests: oil painting, sculpture, ceramics, graphic design, or multimedia.

## Objectives

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

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

## Entry into the Major

During the freshman and sophomore years, each student is expected to complete the core curriculum. Entry into the major requires a minimum 3.0 GPA in all core studio courses and a 2.0 GPA in all art history courses. Students must submit a portfolio of work for review by the art department at the end of the sophomore year.

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

## Lower Division Core Requirements

### Freshman core - 18 total credits:

- \*ARTS102 2-Dimensional Design ..... 3 cr.
- \*ARTS110 Drawing I ..... 3 cr.
- \*ARTS202 3-Dimensional Design ..... 3 cr.

### Core art history - three of the following:

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

**Sophomore studio - minimum of 12 credits:** : The freshman studio core must be completed before second-tier studio courses (Drawing II, Painting II, etc.) may be taken. These may, however, be taken concurrently when necessary.

- \*ARTS113 Photography I ..... 3 cr.
- \*ARTS114 Painting I ..... 3 cr.
- \*ARTS115 Ceramics I ..... 3 cr.

- \*ARTS116 Sculpture I..... 3 cr.
- ARTS210 Drawing II..... 3 cr.
- ARTS211 Life Drawing I..... 3 cr.
- ARTS213 Photography II..... 3 cr.
- ARTS214 Painting II ..... 3 cr.
- ARTS215 Ceramics II..... 3 cr.
- ARTS216 Sculpture II..... 3 cr.
- \*ARTS230 Introduction to Publishing and Design ..... 3 cr.

## Upper Division Core Requirements

**Upper division art history and criticism (8 credits)** - Must include Senior Exhibition (ARTS495) and either Art Theory and Criticism (ARTS450) or Contemporary Issues in Art (ARTS452)

- ARTS342 Greek Art History..... 3 cr.
- ARTS344 American Art History..... 3 cr.
- \*ARTS450 Art Theory and Criticism ..... 3 cr.
- ARTS452 Contemporary Issues in Art ..... 3 cr.
- ARTS495 Senior Exhibition ..... 2 cr.

## Area of Emphasis

The student is to choose one of three primary areas of emphasis: 2D, 3D, or Graphic Design. A minimum of 12 upper division credits is required for the major, with at least six credits completed within the area of emphasis.

### **2-Dimensional emphasis:**

- ARTS311 Life Drawing II..... 3 cr.
- ARTS312 Introduction to Illustration ..... 3 cr.
- ARTS313 Photography III/Experimental ..... 3 cr.
- ARTS314 Painting III..... 3 cr.
- ARTS324 Painting IV..... 3 cr.
- ARTS412 Illustration II..... 3 cr.
- ARTS413 Photography IV/Digital Studio..... 3 cr.
- ARTS414 Painting V ..... 3 cr.
- ARTS424 Painting VI ..... 3 cr.

### **3-Dimensional emphasis:**

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

### **Graphic Design emphasis:**

- ARTS330 Electronic Imaging..... 3 cr.
- ARTS332 Introduction to Multimedia Authoring/Flash..... 3 cr.

- ARTS336 Graphics for the World Wide Web ..... 3 cr.
- ARTS430 Graphic Design Studio/Portfolio..... 3 cr.

## **Internship Opportunity**

Students may apply through Career Services and the studio art department for the completion of a program of practical experiences. Typical internship opportunities may include graphic design, gallery management, and art education.

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

## **State of Minnesota Teaching Licensure in Visual Arts**

In addition to the Studio Art major requirements students who seek state licensure for K-12 teaching of Visual Arts are required to take the courses listed above with an asterisk AND the following courses:

- ARTS444 Methods in Teaching K-12 Art ..... 3 cr.
- EDUC200 Education Foundation/Philosophy ..... 3 cr.
- EDUC210 Linguistics for Professionals..... 1 cr.
- EDUC370 Introduction to the Exceptional Learner ..... 3 cr.
- EDUC401 Educational Technology and Media ..... 2 cr.
- EDUC450 Curriculum Planning and Assessment ..... 2 cr.
- EDUC455 Classroom Management ..... 1 cr.
- EDUC499 Teaching Internship and Seminars..... 15 cr.
- HIST403 Native American Culture and Government ..... 1 cr.
- HLTH206 Advanced First Aid ..... 3 cr.
- HLTH311 Drug Education ..... 3 cr.
- PSYC220 Human Growth and Development ..... 3 cr.
- PSYC360 Educational Psychology and Human Relations ..... 3 cr.
- SOCL330 American Minorities ..... 3 cr.

## **Studio Art Minor**

**Art foundation core - 15 total credits**

**Studio:**

- ARTS102 2-Dimensional Design ..... 3 cr.
- ARTS110 Drawing I ..... 3 cr.
- ARTS202 3-Dimensional Design ..... 3 cr.

**Art History (two of the following):**

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

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

**2-Dimensional emphasis:**

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

**3-Dimensional emphasis:**

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

**Graphic Design emphasis:**

- ARTS230 Introduction to Publishing and Design ..... 3 cr.
- ARTS330 Electronic Imaging..... 3 cr.
- ARTS332 Introduction to Multimedia Authoring/Flash..... 3 cr.
- ARTS336 Graphics for the World Wide Web ..... 3 cr.
- ARTS430 Graphic Design Studio/Portfolio..... 3 cr.

## Theatre Major

### Mission Statement

Through classroom activities and in the regular practice of this diverse art form, the theatre department at Bethany Lutheran College strives to encourage the development of ethical Christian theatre artists who are able to employ their creative gifts with wisdom, discernment, and an understanding of art’s potential. A Christ-centered approach to instruction in the theatre arts is at the very heart of the department’s existence.

The Theatre major, in accordance with the liberal arts philosophy, approaches this discipline from a broad based (generalist) perspective. Within the major guidelines a student may choose an emphasis in theatre production or performance. The total credits include the fulfillment of the Common General Education requirements, the lower division core requirements, the upper division core requirements, and theatre electives. The theatre major requires 51 credits, which include a minimum of 32 upper level theatre credits.

## Objectives

The Bethany Lutheran College theatre department strives to instruct and encourage ethical Christian theatre artists. The theatre major aims to produce graduates who:

- demonstrate a working knowledge of the production elements and processes of design, direction, construction, management and performance.
- foster communication that contributes to and enhances a collaborative, cooperative, creative, constructive process.
- will be able to employ a variety of critical approaches to history, literature, theory, and the social significance of theatre art.
- recognize the power and influence of performance, and make ethical, thoughtful, and critical choices consistent with Biblical Christian principles.
- demonstrate creativity, original thought, and innovation.
- will be able to effectively utilize research and bibliographic materials appropriate to the discipline.

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

## Core Requirements

### Required lower division courses:

- THTR100 Theatre Practicum I..... 1-2 cr.
- THTR101 Introduction to Theatre..... 3 cr.
- THTR102 Acting I..... 3 cr.
- THTR105 Stage Craft..... 3 cr.
- THTR210 Directing I..... 3 cr.

### One of the following courses:

- THTR215 Rudiments of Theatrical Design..... 3 cr.
- THTR240 Oral Interpretation..... 3 cr.

### Required upper division courses:

- THTR300 Theatre Practicum II..... 1-2 cr.
- THTR310 Theatre History and Literature I ..... 3 cr.
- THTR311 Theatre History and Literature II..... 3 cr.
- THTR330 Period Style..... 3 cr.
- THTR420 Dramatic Theory and Criticism..... 3 cr.

**One of the following courses:**

- THTR495 Senior Theatre Project ..... 3 cr.
- THTR499 Theatre Internship ..... 3 cr.

## Electives

**Choose five of the following courses:**

- COMM318 Small Group Communication ..... 3 cr.
- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM370 Organizational Communication ..... 3 cr.
- COMM470 Performing for the Camera ..... 3 cr.
- ENGL306 Shakespeare ..... 3 cr.
- MUSC335 Music Theatre ..... 3 cr.
- MUSC435 Opera and Lyric Theatre ..... 3 cr.
- THTR302 Acting II ..... 3 cr.
- THTR340 Stage Dialects ..... 3 cr.
- THTR381 Advanced Design and Technical Seminar ..... 1-3 cr.
- THTR410 Directing II ..... 3 cr.
- THTR460 Theatre Management ..... 3 cr.
- THTR480 Topics in Theatre (repeatable by topic) ..... 1-3 cr.

## Theatre Minor

**The minor in Theatre requires the following courses:**

- THTR100 Theatre Practicum I ..... 1-2 cr.
- THTR101 Introduction to Theatre ..... 3 cr.
- THTR300 Theatre Practicum II ..... 1-2 cr.

**Three of the following courses:**

- THTR102 Acting I ..... 3 cr.
- THTR105 Stage Craft ..... 3 cr.
- THTR210 Directing I ..... 3 cr.
- THTR215 Rudiments of Theatrical Design ..... 3 cr.
- THTR240 Oral Interpretation ..... 3 cr.

**One of the following courses:**

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

**Two of the following courses:**

- COMM470 Performing for the Camera ..... 3 cr.
- ENGL306 Shakespeare ..... 3 cr.
- MUSC335 Music Theatre ..... 3 cr.
- MUSC435 Opera and Lyric Theatre ..... 3 cr.
- THTR302 Acting II ..... 3 cr.
- THTR330 Period Style ..... 3 cr.
- THTR340 Stage Dialects ..... 3 cr.



- THTR381 Advanced Design and Technical Seminar  
(repeatable by topic) ..... 1-3 cr.
- THTR410 Directing II ..... 3 cr.
- THTR460 Theatre Management ..... 3 cr.
- THTR480 Topics in Theatre (repeatable by topic) ..... 1-3 cr.
- THTR495 Senior Theatre Project ..... 3 cr.
- THTR499 Theatre Internship ..... 3 cr.

## Western Philosophy Minor

**The minor in Western Philosophy requires 21 credits, distributed as follows:**

**Nine lower division credits:**

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

**At least one of the following:**

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

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

- COMM320 Language, Thought and Meaning ..... 3 cr.
- COMM325 Processes of Criticism ..... 3 cr.
- COMM340 Rhetorical Traditions ..... 3 cr.
- COMM385 Law and Ethics in Media ..... 3 cr.
- ENGL350 Literary Theory ..... 3 cr.
- RELG300 History of Christian Thought I:  
Post-Apostolic Fathers to Chalcedon ..... 3 cr.
- RELG301 History of Christian Thought II: Chalcedon to 15th Century .... 3 cr.
- RELG302 History of Christian Thought III:  
17th Century Enlightenment to Modern and Post Modern ..... 3 cr.
- RELG330 Christian Social Thought ..... 3 cr.
- RELG420 The Rhetoric of Religion ..... 3 cr.
- SCIE320 History and Philosophy of Science ..... 3 cr.
- SCIE330 Ethics in Science ..... 3 cr.
- THTR420 Dramatic Theory and Criticism ..... 3 cr.



# Course Descriptions

## **ACCT207 Accounting I (4)**

Principles and practices required to prepare and analyze business records are introduced. Topics covered include the accounting cycle, internal control, accounts receivable, inventories, current liabilities, depreciation, payroll accounting, and partnerships.

## **ACCT208 Accounting II (4)**

Topics introduced in ACCT207 are extended with coverage of corporate accounting, long-term liabilities, cash flows, financial statement analysis, international accounting, management accounting, budgets, variance analysis, and capital budgeting.

**Prerequisite:** ACCT207 or consent of instructor.

## **ANTH102 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.

## **ANTH210 World Prehistory (3)**

Introduction to world prehistory as investigated by archeologists and physical anthropologists. It provides a sampling of ancient societies and emphasizes the agricultural revolution and the origins of urban life.

## **ANTH220 Globalization and Culture Change (3)**

This course examines globalization as a worldwide phenomenon showing how politics, economic, information technology, religion and other institutions have contributed to changing the world. Theories and models of cultural change and global problems are also addressed.

## **ANTH302 Violence (3)**

The subject of violence is studied from an interdisciplinary and cross-cultural perspective. The nature of violence as exhibited in the individual, among family members, in society and among the people of the world is described, discussed and analyzed. **Prerequisite:** SOCL101 or PSYC210 or ANTH102.

## **ARTS101 Introduction to Art (3)**

Introductory study of the techniques, philosophy, history, and vocabulary of the visual arts. Lecture and hands-on studio exercises leading to the development of skills in creative thinking, visual communication, and technique. Not intended for art majors.

## **ARTS102 2-Dimensional Design (3)**

Foundation-level course exploring the fundamental components of art and their application in drawing and painting. Emphasis placed on discovering creative solutions to visual problems.

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

Survey of man's contribution to the visual arts in Western Civilization from pre-history to the Renaissance. Aesthetic and philosophical background stressed.

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

Survey of man's contribution to the visual arts in Western Civilization from Renaissance to Realism.

**ARTS107 Art History III Impressionism to Contemporary (3)**

Survey of man's contribution to the visual arts in Western Civilization from Impressionism to Contemporary.

**ARTS110 Drawing I (3)**

Introduction to visual expression in traditional drawing skills and materials. Emphasis on perception and development of imagery.

**ARTS113 Photography I and Lab (3)**

The student must become familiar with film development and darkroom techniques. Historical perspective and evaluation of photography included. One lecture and one lab per week.

**ARTS114 Painting I (3)**

Introduction to traditional oil painting techniques. Emphasis on perception with development in design, color, form and content.

**ARTS115 Ceramics I (3)**

Introduction to the basic methods of clay pottery and sculpture construction. Hand-building as well as wheel-throwing techniques are developed.

**ARTS116 Sculpture I (3)**

This course will cover basic sculptural materials (wood, stone, plaster, construction/ assemblage) and look at sculpture in art history. Critical analysis of sculpture will be emphasized.

**ARTS202 3-Dimensional Design (3)**

Study of the structural, perceptual and spatial properties of three-dimensional forms. This course includes the building of models and sculpture out of a variety of materials.

**ARTS210 Drawing II (3)**

Advanced problems in visual expression and developmental skills with a variety of media. Emphasis on conceptual justification and perception. **Prerequisite:** ARTS110 or consent of instructor.

**ARTS211 Life Drawing I (3)**

The systematic, academic study of human anatomy and the depiction of the human figure in western art. Working from anatomy texts, the study of the old masters, and direct observation, students will refine their drawing technique using a variety of media. Emphasis given to direct observation and the accurate depiction of the figure in space.

**Prerequisite:** ARTS110.

**ARTS213 Photography II and Lab (3)**

Advanced photography techniques in both black and white and color film in the darkroom and the field. Emphasis on photo composition, content and critical analysis. One lecture and one lab per week. **Prerequisite:** ARTS113.

**ARTS214 Painting II (3)**

Advanced problems of visual expression in oil painting. Emphasis on perceptual skills, scale, and surface. **Prerequisite:** ARTS114.

**ARTS215 Ceramics II (3)**

Advanced problems in hand building and wheel-throwing. The development of a personal style is emphasized. **Prerequisite:** ARTS115.

**ARTS216 Sculpture II (3)**

A continuation covering sculptural materials and methods of working. Emphasis is on looking at and talking about work critically. **Prerequisite:** ARTS116.

**ARTS230 Introduction to Publishing and Design (3)**

An introduction to the basic principles and practices of the graphic design field. Emphasis is placed on the creative process and the software typically used when designing for print. (Adobe InDesign).

**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.

**ARTS311 Life Drawing II (3)**

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

**Prerequisite:** ARTS211.

**ARTS312 Introduction to Illustration (3)**

Introduction to the field of commercial illustration. Topics include visual communication, the creative process, self-promotion, and the development of a distinctive style. A variety of media and conceptual frameworks will be considered. **Prerequisite:** ARTS210.

**ARTS313 Photography III/Experimental (3)**

Numerous photographic processes, from historical to modern, are studied and practiced. Each week new processes are introduced for the students to expand upon for critical analysis. Lecture and lab are combined and meet once per week. **Prerequisite:** ARTS213.

**ARTS314 Painting III (3)**

Development of a personal style, vision and body of artwork. Introduction to techniques of egg tempera and fresco. Journal writing and analysis of artwork required. Productive studio habits are needed to explore imagery and technique. **Prerequisite:** ARTS214.

**ARTS315 Ceramics III (3)**

Development of a personal style, vision, and body of artwork. Students learn to relate their work to historical and contemporary traditions. **Prerequisite:** ARTS215.

**ARTS316 Sculpture III (3)**

This course assumes the student is proficient with sculptural materials and is familiar with critical analysis in order to begin developing a body of work that is linked thematically or conceptually. Emphasis on the development of a working studio aesthetic. **Prerequisite:** ARTS216.

**ARTS324 Painting IV (3)**

This course will allow the student to continue to develop a body of work as an artist. A thorough understanding of various painting mediums is expected and must be demonstrated. Journal and artistic biography in written form are continued in this class. **Prerequisite:** ARTS314.

**ARTS325 Ceramics IV (3)**

This course will allow the student to continue to develop an area of expertise as an artist. A thorough understanding of the procedures of running a ceramics studio from clay body to finished artwork is expected. A body of consistent artwork will be completed as well as journal writing and analysis of the art form. **Prerequisite:** ARTS315.

**ARTS330 Electronic Imaging (3)**

Deals with the production of original design and illustration for print and electronic delivery. Emphasis placed on the discovery of creative solutions to visual problems. Programs used: Adobe Illustrator and Photoshop. **Prerequisite:** ARTS230.

**ARTS332 Introduction to Multimedia Authoring/Flash (3)**

An introduction to the integration of imagery, text, sound, video, and animation for Internet delivery along with associated web page development. Program used: Adobe Flash. **Prerequisite:** ARTS330.

**ARTS336 Graphics for the World Wide Web (3)**

Introduction to the design principles and methods critical to the production of an effective web site. Begins with the thorough study of HTML/XHTML and moves into the creation of web pages using page design software. Program used: Adobe Dreamweaver. **Prerequisite:** Consent of instructor.

**ARTS342 Greek Art History (3)**

Overview of Greek art and its development from the Geometric to the Hellenistic. All aspects of the visual arts, architecture, sculpture, numismatics and ceramics will be included and related to the culture of its time.

**ARTS344 American Art History (3)**

Study of America's particular contribution to the International art scene. Chronological development and regional styles as well as influence of Europe and other cultures will be examined.

**ARTS346 Study of Non-Western Art (3)**

Rotating focus on one or more areas of non-Western art.

**ARTS412 Illustration II (3)**

Continued refinement of a consistent, recognizable illustrative style. Emphasis placed on conceptual development and the creation of a consistently professional portfolio.

**ARTS413 Photography IV/Digital Studio (3)**

Students will learn to take and process digital photographs for critical analysis. Studio lighting techniques, both in house and the field, will be learned. Lecture and lab are combined and meet once per week. **Prerequisite:** ARTS213.

**ARTS414 Painting V (3)**

Continued development of a body of work, to prepare for senior show. Students propose a series of paintings or working with a specific theme and materials. For art majors only that have a concentration in painting. **Prerequisite:** Consent of instructor.

**ARTS416 Sculpture IV (3)**

Continuation of development of individual work with emphasis on developing a body of work that is ready for exhibition. **Prerequisite:** ARTS316.

**ARTS424 Painting VI (3)**

Continuation of Painting V. **Prerequisite:** Consent of instructor.

**ARTS425 Ceramics V (3)**

**Prerequisite:** ARTS325.

**ARTS426 Ceramics VI (3)**

**Prerequisite:** ARTS425.

**ARTS430 Graphic Design Studio/Portfolio (3)**

The capstone course for the Bethany design program. Integrates theory and methods from all previous design coursework with emphasis on portfolio production, self-promotion, and consistency across media. **Prerequisites** (or concurrent registration) ARTS230, ARTS330, ARTS332, and ARTS336.

**ARTS434 Painting VII (3)**

Continuation of Painting VI. **Prerequisite:** Consent of instructor.

**ARTS444 Methods in Teaching Visual Arts (3)**

This course is required for students who seek state licensure for secondary level (grades K-12) teaching of visual arts within the studio art major. Students must first meet all requirements for “Entry into the Education Major.” Then they must meet all requirements for the Studio Art “Entry into the Major.” This course contains a field experience component and must precede enrollment in EDUC499 Teaching Internship and Seminars (student teaching).

**ARTS450 Art Theory and Criticism (3)**

Seminar on writing and speaking about art. Emphasis on formal analysis of various art forms and effective communication of ideas. Expressing opinions, asking questions and developing a style will be explored.

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

An art history seminar course that focuses on current issues in the art world from the past 10-15 years. Students will research, present and discuss what is happening in today’s art world and visit galleries in the Twin Cities, Chicago or New York.

**ARTS495 Senior Exhibition (2)**

This course is to prepare the artist to present and display artwork. A resume and portfolio must be completed. An exhibition will be scheduled and all aspects of the event will be planned by the student. A gallery talk by the artist will be presented to the college community.

**ARTS499 Art Internship (1-3)**

Art-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Studio art majors only, by permission.*

**BIOL101 Principles of Biology and Lab (4)**

An analysis of the underlying biological concepts in the areas of biochemistry, cytology, physiology, genetics, and ecology. Three lectures and one lab per week.

**BIOL151 General Biology I and Lab (4)**

First semester of a two-semester introduction to biological study. Emphasis is placed on scientific processes, molecules, and cellular function. Three lectures and one lab per week.

**BIOL152 General Biology II and Lab (4)**

Second semester of a two-semester introduction to biological study. Includes an overview of living organisms and vertebrate organ systems. Three lectures and one lab per week.

**BIOL203 Botany and Lab (4)**

Overview of the plant kingdom with study of anatomy, physiology, ecology, and economic importance of plants. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152 or consent of instructor.



**BIOL210     Zoology and Lab (4)**

Overview of invertebrate and vertebrate animals with emphasis on adaptation and ecology. Three lectures and one lab per week. **Prerequisite:** BIOL151 and BIOL152 or consent of instructor.

**BIOL221     Human Anatomy and Lab (4)**

A systems approach to the structure of the human body. Three lectures and one lab per week. **Prerequisite:** 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. **Prerequisite:** CHEM107 or CHEM113, and BIOL221.

**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.

**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:** BIOL151 and BIOL152.

**BIOL370     Ecology and Lab (4)**

Study of organisms and their relationship with other organisms and their environment. Three lectures and one lab per week. **Prerequisites:** BIOL151 and BIOL152.

**BIOL480     Topics in Biology (3)**

Discussion of selected topics in biological sciences. Course is offered on a rotational basis and may be repeated for credit with different topics.

**BIOL490     Introduction to Human Gross Anatomy and Lab (5)**

An advanced study of human anatomy using a regional approach. Cadaver dissection included. Four lectures and one lab per week. **Prerequisite:** BIOL221.

**BIOL498     Biology Independent Research (1-3)**

Biological research by arrangement with instructor. Literature design, review and execution of biological experimentation.

**BIOL499     Biology Internship (1-3)**

Biology-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Biology majors only, by permission.*

**BUSN101 Introduction to Business (3)**

Students are acquainted with the nature of business and its various activities. Forms of ownership, management, marketing, human resources, finance, and accounting are viewed in context of economic, social, political, technical, and industry environments in which a business operates.

**BUSN307 Business Communications and Lab (3)**

Effective business and professional communication in written, electronic, verbal, nonverbal and team modes serve as the focus for this class. Students develop and strengthen communication skills through a variety of methods, including analysis of business and professional documents; in-class written, verbal, and team exercises; and formal written assignments.

**BUSN310 Principles of Management (3)**

Traditional and contemporary management principles are examined and applied in light of the driving force of change that affects all organizations. The principles of teamwork, collaboration, participation, and learning are used to develop critical thinking and analytical skills essential for success in today's business world.

**BUSN330 Principles of Marketing (3)**

The marketing process and environment, marketing ethics, buyer behavior, targeting and market research, e-commerce, and basic product, price, distribution and promotion concepts serve as an introduction to the marketing function.

**BUSN333 Consumer Behavior (3)**

The consumption process and the direct and indirect factors that influence the process will be examined. The relationship between consumer behavior and marketing strategy will also be considered. **Prerequisite:** Consent of instructor.

**BUSN350 Principles of Finance (3)**

The role of finance in organizations is introduced through study of principles and theories of acquisition, control, and allocation of financial resources. **Prerequisites:** ACCT207 and ACCT208.

**BUSN351 Financial Institutions (3)**

The course focuses on the structure, trends, and interrelationships of the monetary and banking systems, particularly commercial banks, savings and loans, thrifts, insurance companies, investment banking, mortgage companies, the secondary market, and the FED. **Prerequisite:** BUSN350 or consent of instructor.

**BUSN352 Investments (3)**

Formation of investment policy for individuals and institutions, factors influencing the value of securities, and techniques of portfolio selection and management are presented. **Prerequisite:** BUSN350 or consent of instructor.

**BUSN370 Legal Aspects of Sports (3)**

Identification and application of various legal principles and ethics to the sport industry. Different fields of law are introduced along with a survey of issues of concern to the sports manager such as antitrust, legal aspects of risk for various constituencies, labor, contractual relationships, and governance associations. **Prerequisite:** BUSN310 or consent of instructor.

**BUSN399 Business Practicum (1)**

Practical experience in professional development, networking and/or initiating, organizing, and completing a problem-solving consulting project for profit or non-profit organizations. **Prerequisites:** Consent of instructor. Repeatable.

**BUSN410 Leadership and Organizational Change (3)**

Models of leadership and their effect on organizational strategy, structure, processes, decision-making, and change are presented. Organizational development and transformational approaches to managing change, and potential outcomes of planned organizational changes are also considered. **Prerequisite:** BUSN310 or COMM370 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 Sport and Event Marketing (3)**

Application of fundamental marketing concepts of the sport industry. Specific topics covered include marketing research, event planning and execution, fundraising, sponsorships, advertising, and assessment. **Prerequisite:** BUSN330 or consent of instructor.

**BUSN431 Integrated Marketing Communication (3)**

Marketing communication and the coordination of separate promotion strategies used to create the desired image and provide consistency and maximum communication impact are explored. The course approaches integrated marketing communication from a managerial focus on the full range of promotional tools available in today's business environment. **Prerequisite:** BUSN330 or consent of instructor.

**BUSN440 Marketing Strategy (3)**

Focus is given to development, evaluation, and implementation of marketing strategies in complex organizational environments. Students are required to integrate a variety of marketing management concepts, theories, and analysis techniques through in-depth case study. **Prerequisite:** BUSN330 or consent of instructor.

**BUSN450 Risk Management (3)**

Survey of the effects of risk management and insurance on businesses and the relationship of risk and insurance to public policy, legal liability, and economic security. An introduction to insurance institutions and their structures is provided as well as decision making relative to risk management. **Prerequisite:** BUSN350 or consent of instructor.

**BUSN460 Advanced Financial Management (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. **Prerequisite:** BUSN350 and BUSN352 or consent of instructor.

**BUSN470 Administrative Policy (3)**

Business analysis, problem solving, decision-making, and critical thinking skills are used to explore strategic decisions facing organizations. Emphasis is placed on team leadership, professional development, and managing self, peers, and supervisor. *Intended as a capstone for majors or minors only.*

**BUSN471 Sport Administration (3)**

Application of fundamental management concepts of the sport industry. Topics covered include the nature and scope of the sport industry and socio-historical development. Critical decision areas such as strategy, human resources, marketing, finance, ethics, and risk management will be integrated through case study. **Prerequisites:** BUSN310 or consent of instructor.

**BUSN480 Topics in Business (3)**

Specialized business topics not covered in electives are presented. Topics may include, but are not limited to: Business Law, Business Ethics and Stakeholder Management, Management Theory, Quality Management, E-commerce. **Prerequisite:** At least two of the following: BUSN310, BUSN330, BUSN350 or consent of instructor.

**BUSN499 Business Internship (1-3)**

Business-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Business majors only, by permission.*

**CHEM100 Descriptive Chemistry and Lab (4)**

Intended for the non-science major. Covers basic chemical principles and their applications in society. The course will provide students with a basic academic and intellectual understanding of the chemical principles and terminology that they will encounter in their daily lives. Three lectures and one two-hour lab each week.

**CHEM105 The Chemistry of Art and Lab (4)**

This is a liberal arts general education chemistry course that uses the studio arts to present a variety of concepts in chemistry. Lab and lecture are used to present and study chemical phenomena associated with various areas of art. Three lectures and one two-hour lab each week.

**CHEM107 General, Organic and Biochemistry and Lab (5)**

A survey of chemical topics for students majoring in elementary education and pre-allied health sciences. This course covers general chemical principles, names, reactions and properties of organic compounds, and general biochemical topics needed for biology, microbiology, physiology, and other advanced topics. Four lectures and one lab per week.

**CHEM113 General Chemistry I and Lab (5)**

An in-depth introduction to the principles of chemistry intended for students in the physical sciences, pre-medical, pre-engineering and related fields. Topics include atomic structure, periodicity, nomenclature, stoichiometry and bonding. Five lectures and one three-hour lab each week. **Prerequisite:** Concurrent registration in MATH111 or MATH141. 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 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. **Prerequisite:** 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 and Lab (4)**

An advanced study of biochemistry with an added emphasis on structure elucidation, genetic information, metabolic regulation and biotechnology. Three lectures and one three-hour lab 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. **Prerequisite:** 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 (1)**

An 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. **Prerequisite:** CHEM215 and CHEM216.

**CHEM480 Topics in Chemistry and Lab (3)**

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.

**CHEM495 Chemistry Seminar (1)**

Students prepare and present a seminar detailing the results of their chemical research or on a review of literature on a topic agreed upon with the instructor. It is expected that this course is a logical extension and conclusion to the student's research experience and provides valuable practical experience preparing and presenting information in a professional manner. Required for all students who engage in research in lieu of coursework electives.

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

Independent research under the guidance of faculty member, culminating in a senior thesis, research seminar, etc. Summer research programs may be able to count for CHEM497 credit. **Prerequisite:** CHEM215 and consent of instructor.

**COMM102 Journalism Newspaper, Bethany Scroll (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 Photographic Journalism Practicum (1)**

Practical experience in photography. Work is coordinated with college newspaper, yearbook, and other college departments. **Prerequisite:** Consent of instructor.

**COMM212 Interpersonal Communication (3)**

The study of human communication in informal settings, focusing on processes, self-concept and self-disclosure, listening, language effects, nonverbal messages, assertiveness, conflict, and relationships with family, with friends, and in the workplace.

**COMM230 Argument and Advocacy (3)**

While studying the requirements of cogent argument, students practice advocacy and refutation in value and policy disputes, giving special attention to rational approaches to moral issues. **Prerequisite:** COMM111 or consent of instructor.

**COMM240 Introduction to Mass Media (3)**

Through study of the nature, functions, and responsibilities of the various print and electronic media, students are encouraged toward intelligent appraisal of the contributions and effects of mass media on individuals and on our culture.

**COMM295 Audio/Video Production I (1)**

Students receive instruction and hands-on experience with equipment for audio and video production. Required of all communication majors. Freshmen require consent of instructor.

**COMM297 Audio/Video Production II (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 the field. **Prerequisite:** COMM295, Recommended: COMM105.

**COMM301 Advanced Photojournalism Practicum (1)**

Consent of instructor required.

**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.

**COMM314 Information: Discovery and Management (3)**

Students consider the nature of information and its role in society and culture. Against a background of research methods, they practice information gathering and evaluation, and observe how it is effectively conveyed to audiences.

**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.

**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.

**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. **Prerequisite:** COMM295.

**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.

**COMM397 Audio/Video Production III (3)**

An advanced version of COMM297 with expanded requirements for students with extensive production backgrounds. Open to students by petition only.

**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.

**COMM465 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. **Prerequisites:** COMM295 and COMM297 and COMM360.

**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. **Prerequisite:** COMM295.

**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 (1-3)**

Communication-related field experience with an approved agency fulfilling an individual learning contract negotiated with student, department, and worksite. Three credits of unpaid internship are required for graduation. *Communication majors only, by consent of instructor. 1-4 credits, repeatable up to 10 maximum. 3 credits apply to major requirements; others applied as elective.*

**COMS101 Computer Applications I (1)**

Applications course focused on basic computing concepts and developing competency using microcomputer software in the following areas: word processing, e-mail, file management internet searching, basic graphics, and scanning.

**COMS103 Introduction to Programming I (3)**

Introductory course for computer science majors and minors in programming using a high-level language. The emphasis is on problem solving, designing, writing, and executing structured programs.

**COMS104 Introduction to Programming II (3)**

A continuation of COMS103. Advanced programming topics include searching, sorting, data structures, and object-oriented concepts. **Prerequisite:** COMS103.

**COMS320 Data Communications (3)**

Introduction to network technology and design issues students may encounter as information systems professionals. Topics include fundamentals of data transmission, hardware, network topology, and protocols. **Prerequisites:** COMS103.

**ECON203 Principles of Macroeconomics (3)**

Theories of economic fluctuation, income determination, international trade, and economic growth are introduced. Additional topics include the role of the banking system in the economy and monetary and fiscal policies for economic stabilization.

**ECON204 Principles of Microeconomics (3)**

Theories of resource allocation and income distribution, value and the price system, problems of individual firms and industries, and rationale for government regulation of business and labor are examined.

**ECON330 Comparative Economic Systems (3)**

The origin, organization, and performance of modern theories of capitalism, communism, planned socialism, and market socialism are presented. Contemporary economies of the United States and selected countries from Eastern, Central, and Western Europe, South America, and Asia are considered. **Prerequisites:** ECON203 and ECON204 or consent of instructor.

**EDUC200 Education Foundation/Philosophy (3)**

An overview of the field of education based on historical and current philosophical, psychological and sociological foundations of American public and private education from the perspective of the learner, the teacher and the parents. Includes field experience in the elementary classroom. **Prerequisite:** PSYC220.

**EDUC210 Linguistics for Professionals (1)**

This course serves as an introduction to the fundamentals of linguistics-phonetics, phonology, morphology, syntax, pragmatics, and the practical application of standard written and spoken English grammar. Its purpose is to build foundational knowledge regarding English language sounds and sound patterns, word and sentence structure and linguistic meaning that will help the student develop proficiency in using and teaching the language arts.

**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.

**EDUC320 Teaching Literacy and Communication (4)**

This course studies the methods and materials of 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.

**EDUC325 Children's Literature (3)**

This course is a survey of fiction, biography, fantasy, folk tales, poetry, informational, and picture books for children from pre-kindergarten through middle school. Emphasis is placed on selections that consider the developmental needs of children. Identifying and critiquing books dealing with universal, cross-cultural, gender-fair and special needs themes, as well as evaluating content in the light of Christian principles is an integral part of the course. Attention is also given to exploring ways in which children can be encouraged to respond to literature and story telling in teaching. (Cross-listed with ENGL325.)

**EDUC340 Teaching Social Studies (3)**

This course is an overview of the methods, materials, and research related to the teaching of elementary and middle school social studies. Emphasis is on curriculum planning and content. Students will design materials, plan and teach lessons using various social studies curricula and technology.

**EDUC360 Teaching Science (3)**

An overview of the methods, materials, and research related to the teaching of science in the elementary and middle school curriculum. The focus is on the national science education standards and Minnesota standards. Technology will be used to enhance the teaching and learning of scientific knowledge and process. Students will explore, plan and teach lessons using various science curricula.

**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.

**EDUC380 Early Childhood Theory and Methods (3)**

This course builds on the theoretical foundations of the young child's development; addresses the historical foundations for early childhood education; and explores the current methods, materials and research for planning, and implementing a developmentally appropriate curriculum and learning environment for children from ages three through eight years of age. A clinical experience is taken concurrently with this course. **Prerequisites:** PSYC325 and PSYC360.

**EDUC400 Teaching the Christian Faith (3)**

This course addresses the spiritual needs of the elementary school 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.

**EDUC425 Fine Arts for Elementary Education (3)**

This course uses interdisciplinary models, procedures, methods, materials and techniques to integrate, teach and develop an appreciation for art, movement, music, theater, speech and creative thinking. 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 and middle school. Emphasis is placed on applying learning theory to the teaching of mathematics. Students do lesson planning and material preparation based on NTCM and Minnesota Mathematics Standards.

**EDUC450 Curriculum Planning and Assessment (2)**

This course provides the theoretical and practical foundation for curriculum design and management of instruction and for the use of formal and informal assessment strategies appropriate for evaluation and research.

**EDUC455 Classroom Management (1)**

This course explores the school and classroom environment and the relationships among individuals that foster learning. Focus is on the practical aspects of classroom organization and management for establishing and maintaining a safe and productive classroom.

**EDUC485 Christian Vocation Seminar (3)**

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.

**EDUC499 Teaching Internship and Seminars (15)**

The teaching internship is 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.

**EDUCPTF Education Professional Portfolio (0)**

Education majors must register for this course their last semester on campus.

**ENGL102 English Practicum, Literary Magazine (1)**

Practical experience in editing creative works and designing layout for two or more issues of the college literary magazine. Consent of advisor required.

**ENGL110 College Writing I (3)**

While learning strategies that promote critical, creative, and collaborative drafting, students practice college level writing in narrative, critical, and persuasive forms, producing a portfolio of five to seven essays including a research paper.

**ENGL200 Introduction to Literary Studies (3)**

This course is intended to introduce students to the analytical tools they will need in order to read and write about literary texts: mastery 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.

**ENGL201 Survey of Classical Greek Literature (3)**

This course explores the relationships among ancient Greek mythology, history, geography, literature, and philosophy. Terms of literary and philosophical analysis are applied to texts and individual research. Authors include Homer, Plato, Sophocles, and other dramatists.

**ENGL202 Survey of Roman Literature (3)**

This course examines the influence of ancient Greek mythology, literature, and philosophy on fictional and nonfictional texts from the Roman Empire. Students are introduced to the origins and growth of the Roman Empire, including the introduction of Christianity and its influence. Terms of literary and philosophical analysis are applied to works by Lucretius, Virgil, and dramatists.

**ENGL203 Survey of Medieval and Renaissance Literature (3)**

This course begins with the influence of the Roman Empire on historical texts from Britain. The development of Old, Middle, and Early Modern English is examined, in part, through *Beowulf*, *The Canterbury Tales*, and *Doctor Faustus*, respectively. Students are also introduced to the origins and growth of medieval universities and their influence on both European literature and logical thinking. Terms of literary and logical analysis are applied to texts and individual research.

**ENGL204 Survey of Modern European Literature (3)**

This course examines the philosophical, political, and literary texts produced in Europe during the 18th through the 20th centuries. Terms of literary and philosophical analysis will be applied to works by figures like Voltaire, Rousseau, Hegel, Marx, Freud, Kafka, and Camus.

**ENGL205 Introduction to Fiction (3)**

This course introduces literary terminology most commonly used in discussing and writing about short stories and novels. British and American literature is selected from the 19th - 21st centuries. Emphasis is placed on relationships between authors' lives and their fiction, as well as individual works of fiction that have influenced other authors' fiction. Cultural literacy is also addressed, with a focus on the research of literary allusions.

**ENGL206 Introduction to Poetry and Drama (3)**

This course introduces literary terminology most commonly used in discussing and writing about British and American poetry, and Western drama. Poetry is traced from its Old English origins, and Western drama from its ancient Greek Origins. Cultural literacy is also addressed, with a focus on the research of literary allusions.

**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.

**ENGL211 American Literature I (3)**

Readings in American literature from the colonial period to the Civil War: poetry, philosophy, novel, short story, and other prose will be read and discussed; historical, social, and cultural contexts will be provided in relation to the primary texts. Special attention will be given to major literary movements of the period.

**ENGL212 American Literature II (3)**

Readings in American literature from the post-Civil War period to the present day: drama, novel, short story, and other prose will be read and discussed; historical, social, and cultural contexts will be provided in relation to the primary texts.

**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 non-fiction. **Prerequisite:** ENGL110.

**ENGL220 Non-Western Literature (3)**

The study of a selection of major world authors from outside the traditional Western literary canon, especially from Africa, Asia, and Eastern European cultures. Primary focus will be given to contemporary works and students will apply different theoretical perspectives to the texts studied.

**ENGL302 Advanced Journalism Practicum Litererary Magazine (1)**

Advanced work on the literary magazine for those with four previous credits in COMM104.

**ENGL304 British Literature: 17th and 18th Centuries (3)**

Reading, analysis, and discussion of works by selected writers from the metaphysical poets, Bunyan, Defoe, Swift, Blake, and many others, with attention to the historical, intellectual, and social influences and to the major literary movements that still influence writers today.



**ENGL305 British Literature: Romantics and Victorians (3)**

Reading, analysis, and discussion of works by selected Romantic and Victorian poets and novelists. Emphasis on the origins and development of the novel, application of theoretical perspectives to a novel's text, research skills, and cultural literacy. Additional focus on authors' contributions to genres, influence on other authors and biographies.

**ENGL306 Shakespeare (3)**

The study of Shakespeare's plays, sonnets, and epic poetry, with emphasis on his dramatic forms, primarily comedies and tragedies. The course will emphasize Shakespeare's contribution to drama and his impact on the study of literature.

**ENGL313 Advanced Writing (3)**

A course challenging students to choose one or two genres to focus on in some depth. The course also requires a significant portfolio of work to be developed.

**ENGL317 Composition Theory and Practice (3)**

Theories and principles of rhetoric, composition and writing, and language as they apply to the teaching of composition.

**ENGL320 The English Language (3)**

A study of both the history of the English language and its structure and form, including grammar, phonology, syntax, and semantics. Examination of prescriptive and descriptive linguistics, with an emphasis on the history and use of *The Oxford English Dictionary*.

**ENGL325 Children's Literature (3)**

A survey of fiction, biography, fantasy, folk tales, poetry, informational, and picture books for children from pre-kindergarten through middle school. Emphasis is placed on selections that consider the developmental needs of children. Identifying and critiquing books dealing with universal, cross-cultural, gender-fair and special needs themes, as well as evaluating content in the light of Christian principles is an integral part of the course. Attention is also given to exploring ways in which children can be encouraged to respond to literature and story telling in teaching. (Cross-listed with EDUC325.)

**ENGL327 Adolescent Literature (3)**

An introduction survey to the genre of texts targeted for adolescent/young adult readers. Surveying the field, the course highlights and analyzes recent publications and earlier texts, and the distinguishing features.

**ENGL335 African-American Literature (3)**

Study of the major African-American literary works: spirituals, poetry, essays, short stories, and novels. This course will pay careful attention to how the historical and ideological movements in America have impacted and been impacted by an African-American literary tradition.

**ENGL350 Literary Theory (3)**

A study and analysis of the development of literary theories and interpretations of literary texts from ancient times to the present.

**ENGL360 Contemporary Poetry (3)**

A study of poets and poetry that represent significant movements in 20th century poetic thought and style, both in English and in translation.

**ENGL370 Christian Writers (3)**

An overview of some of the outstanding Christian writers from St. Augustine to C.S. Lewis, including fiction, non-fiction, and poetry.

**ENGL444 Methods in Teaching Communication Arts and Literature (3)**

Methods in teaching Communication Arts and Literature for grades 5-12.

**ENGL480 Topics in Literature and Language (3)**

An investigation of specific literary themes, movements, authors, styles, or forms, allowing students a chance to experience depth in a specialized area of literature. May be taken twice with different content.

**ENGL495 Senior Seminar in Literature (3)**

A capstone course designed to lead students to independently identify and apply the major ideas and trends in criticism governing aesthetic philosophies of the literary arts. The course will stress close reading of texts, in depth discussions, one-on-one conferencing, leading to the students' production of a high-caliber literary analysis and/or study.

**ENGL499 English Internship (1-3)**

English-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *English majors only, by permission.*

**FRSM101 Orientation to College (1)**

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.

**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.

**GERM203 Intermediate German I (4)**

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.

**GERM204 Intermediate German II (4)**

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:** GERM203.

**GREK101 Introduction to Greek I (4)**

Introduction to classical and New Testament Greek grammar and syntax. Selected and adapted readings from Classic Greek literature and from the Greek New Testament. **Prerequisite:** Consent of instructor.

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

Introduction to classical and New Testament Greek grammar and syntax. Selected and adapted readings from Classic Greek literature and from the Greek New Testament. **Prerequisite:** GREK101.

**GREK203 Intermediate Greek: The New Testament I (3)**

Selected material from Lukan and Pauline corpus. Special attention to the peculiarities of Koine and Biblical Greek. **Prerequisite:** GREK102.

**GREK204 Intermediate Greek: The New Testament II (3)**

Readings from the Gospel of St. John and selections from John's Epistles. Special attention to the peculiarities of Johannine Greek in distinction to classical and other Koine authors. **Prerequisite:** GREK203.

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

Readings from Plato's Symposium. Frequent writing assignments designed to enhance comprehension of Greek text and philosophical concepts.

**HEBR101 Introduction to Hebrew I (4)**

This course is a survey of the essentials of the grammar and syntax of Classical (Biblical) Hebrew. Its primary purpose is to prepare students to work with the Hebrew Old Testament.

**HEBR102 Introduction to Hebrew II (4)**

This course is a survey of the essentials of the grammar and syntax of Classical (Biblical) Hebrew. Its primary purpose is to prepare students to work with the Hebrew Old Testament. **Prerequisite:** HEBR101.

**HEBR203 Intermediate Hebrew I (3)**

This course consists of a review of the basic grammar and syntax of Classical (Biblical) Hebrew, and the expansion of skills in the Hebrew language through the translation and analysis of primarily narrative prose portions of the Old Testament, and a few selected ancient texts from outside of the Bible. **Prerequisite:** HEBR102.

**HEBR204 Intermediate Hebrew II (3)**

This course consists of a review of the basic grammar and syntax of Classical (Biblical) Hebrew, and the expansion of skills in the Hebrew language through the translation and analysis of primarily narrative prose portions of the Old Testament, and a few selected ancient texts from outside of the Bible. **Prerequisite:** HEBR203.

**HIST111 Ancient/Medieval Europe (3)**

An introduction to and survey of Western Civilization from its ancient origins in Mesopotamia and Egypt through the Middle Ages. This course is designed for, but not limited to, Elementary Education majors. It is not open to History or BFSS majors.

**HIST114 The Rise of Ancient World Civilizations (3)**

An introduction to and survey of the history of the world from the rise of the first civilizations in Mesopotamia and Egypt, to ancient India and China and concluding with Greece and Rome.

**HIST115 Medieval/Renaissance World Civilizations (3)**

An introduction to and survey of world civilizations from the end of Rome to ca. 1400. Includes early and later Medieval Europe and Islam, India and China and the rise of civilizations in Africa, East Asia, and the Americas.

**HIST116 Early Modern World Civilizations (3)**

An introduction to and survey of the history of the world from the Renaissance and Reformation in Europe through the fall of Napoleon, the rise and fall of Muslim Empires, and further developments in Africa, the Americas, and East Asia.

**HIST117 Modern World History (3)**

An introduction to and survey of world history after the defeat of Napoleon in Europe to the end of the 20th century, including industrialization, nationalism, neocolonialism and its ending, the demise of the Soviet Union, and developments in Africa, East Asia, and the Americas.

**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.

**HIST310 Ancient Near East History (3)**

This course is a survey of the major developments in the ancient history of Mesopotamia and Egypt and surrounding lands. It begins with the time of the earliest written records (ca. 3100 BC) and follows the course of events down to the dawning of the Hellenistic Age (4th century BC). A number of key primary sources are examined.

**HIST315 History of Ancient Greece (3)**

A study of the major periods of the history of Greece starting with the Minoan period. Special attention is focused on the ascendancy of Athens and the expansion of the Greek world under Alexander the Great.

**HIST320 History of Ancient Rome (3)**

A study of the major periods in the history of Rome from the period of Etruscan domination through the reign of the Emperor Justinian.

**HIST325 History of the Western World in the Middle Ages (3)**

A study of the major developments in Western Civilization from the fall of Rome to the Renaissance.

**HIST330 Dark Age Europe (3)**

The political, military, social, economic, and religious development of Europe from the fall of Rome to the Norman invasion of England in 1066. Includes the barbarian invasions, Charlemagne, Byzantium, the rise of Islam, viking raids, and the emergence of a new European civilization by the 11th century.

**HIST335 The High Middle Ages (3)**

The political, military, social, economic and religious development of Europe from the Norman invasion of England (1066). Includes the development of castles and Romanesque, Gothic and early Renaissance art and architecture, the Crusades, the rise of the universities, the Black Death, and the Hundred Years War, to the early Renaissance.

**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.

**HIST345 Tudor and Stuart England (3)**

A study of England's "Golden Age" under the Tudor dynasty with Henry VIII, Elizabeth I, and continuing through the Stuart dynasty. Includes a study of English life and culture, the English Reformation and the struggle between Parliament and the monarchy culminating in the English Civil War, execution of Charles I, and the Glorious Revolution.

**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.

**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 Moscovy and the Empire of Peter the Great to the freeing of the serfs in 1861.

**HIST365 The Russian Revolution and the Soviet Union (3)**

A survey of Russian history from the late Imperial period and WWI through the Bolshevik Revolution, Civil War, WWII, Soviet Era and the final collapse of Soviet Russia.

**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.

**HIST403 Native American Culture and Government (1)**

A seminar in which students explore specific current and historical events and sites in Minnesota and/or Wisconsin to gain insight into the culture and tribal government of Native Americans. The focus is on content and presentation to school groups.

**Prerequisites:** HIST207 and EDUC200. Preference given to Education majors.

**HIST410 The Era of the American Revolution (3)**

An in-depth exploration into the background, causes, war, and consequences of the American Revolution. Critical assessment of the historical interpretations of the era.

**HIST420 Constitution and Early Republic (3)**

This course explores the development, ratification, and legacy of the U.S. Constitution from 1787 through the 1820s. In both primary and secondary documents, students will explore American life under the Constitution with special attention to questions of religion, race, gender, and individual rights. (Cross-listed with PLSC420.)

**HIST430 The American Civil War and Reconstruction (3)**

A study of the causes, conduct, and implications of the American Civil War, and an examination of the major developments in the Era of Reconstruction.

**HIST444      Methods in Teaching 5-12 Social Studies (4)**

This course is required for students who seek state licensure for secondary level (grades 5-12) teaching of social studies within the broad field social studies major. Students must first meet all requirements for “Entry into the Education Major.” Then they must meet all requirements for the broad field social studies “Entry into the Major.” This course contains a field experience component and must precede enrollment in EDUC499 Teaching Internship and Seminars (student teaching).

**HIST445      The World in the 20th Century (3)**

An examination of the forces and events that shaped the history of the world from the late 19th century through the collapse of the Soviet Union and the rise of East Asia into global prominence near the end of the 20th century.

**HIST450      Civil Rights Movement (3)**

This course examines the American Civil Rights Movement from 1954 to 1973. Topics include the Brown decision, the Montgomery bus boycotts, the student movement, the northern urban housing crisis, differing strategies within and between the black and white communities, the transformation of national political parties, the woman’s liberation movement, affirmative action, and the relationship between religion and politics.

**HIST460      Religion in American History (3)**

This course explores the role of religion, with particular emphasis on Christian denominations, in major developments of American history. Students will grapple with enduring questions concerning the relationship between church and state, the role of personal faith in civic activism, and the viability of theological commitment amid religious pluralism.

**HIST470      The Supreme Court and the American People (3)**

This course analyses 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. (Cross-listed with RELG489.)

**HIST495 Senior Seminar in History (3)**

A capstone course designed solely for History and Broad Field Social Studies majors where students will put their knowledge of historical topics and research together in order to write and publicly present an original historiographical work. The use of some primary source material is required. **Prerequisite:** LART490 or consent of instructor.

**HIST499 History Internship (1-3)**

History-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Open only to History and Broad Field Social Studies majors, by consent of instructor.*

**HLTH103 Healthful Living (3)**

A multidimensional approach to the study of basic lifestyle choices. Designed to encourage and activate self-responsibility through knowledge gained with regard to issues affecting body, mind, and spirit.

**HLTH201 Nutrition (3)**

The scientific study of nutritional needs throughout the life span; includes interaction and function of nutrients in metabolic processes and examines dietary choices related to behavior and health.

**HLTH206 Advanced First Aid (3)**

This course will provide the knowledge and skills necessary to help sustain life, reduce pain, and minimize the consequences of sudden illness or injury in emergency situations. Each student will be trained in First Aid/CPR and upon successful completion of the course will receive certification.

**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.

**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, and legal perspective. Addresses the lure and entrapment of addictive behaviors on body, mind, spirit.



**HLTH330 History and Philosophy of Wellness (3)**

This course will introduce the student to wellness concepts from a historical perspective, while focusing on various philosophies from which the present day concept of total wellness has evolved. The essential nature and characteristics of wellness will be examined within theoretical frameworks and philosophies, both past and present.

**HLTH470 Introduction to Diseases and Disorders (3)**

An introduction to the pathology, etiology, symptomology, diagnosis, treatment, and prognosis of the many human diseases and disorders. **Prerequisites:** BIOL221 and BIOL222.

**HUMT200 Study and Performance Abroad (1)**

Offered in conjunction with the choir trips abroad. Course includes introduction to the culture and history of the area to be visited.

**LART490 Introduction to Research and Writing (3)**

Introduction to the aims, problems and techniques of research and writing. Including practice in critical reading, the use of research tools and procedures.

**LART495 Senior Seminar Liberal Arts (3)**

Integration of the various facets of the liberal arts into a coherent personal perspective on reality. Focus on the epistemological bases of the disciplines; translation of liberal arts study into a productive life serving the needs of church and society. **Prerequisite:** LART490.

**LART499 Liberal Arts Internship (3)**

Liberal arts-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Liberal Arts majors only, by consent of instructor.*

**LATN101 Introduction to Latin I (4)**

Introduction to classical Latin grammar, syntax, and vocabulary. Daily assignments designed to aid in application of skills. Second semester features adapted and elementary Latin texts.

**LATN102 Introduction to Latin II (4)**

Introduction to classical Latin grammar, syntax, and vocabulary. Daily assignments designed to aid in application of skills. Second semester features adapted and elementary Latin texts. **Prerequisite:** LATN101.

**LATN203 Intermediate Latin: Cicero and Classical Authors (3)**

Introduction to Latin prose and poetry with practical review of grammar. **Prerequisite:** LATN102.

**LATN204 Intermediate Latin: Virgil's Aeneid (3)**

Continued practice of reading Latin. Focus especially on the first and sixth books of the Aeneid. **Prerequisite:** LATN203.

**MART390 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.

**Prerequisites:** COMM295, COMM297, and ARTS102.

**MART430 Motion Graphic Design (3)**

This course introduces fundamental concepts for motion graphics, including graphics and promos for television, film titles and advertising. Design presentation and development, screen composition, graphic transitions, and content are emphasized. Students are expected to have strong understanding of design and motion theory prior to this course. **Prerequisites:** COMM295 or COMM297, and ARTS330.

**MART480 Topics in Media Art (3)**

A senior project, lecture, and research course culminating in a public exhibition of student work.

**MART499 Media Arts Internship (1-4)**

Media-related field experience with an approved agency fulfilling an individual learning contract negotiated with student, department, internship coordinator, and worksite. An internship (1-4 credits) is required for graduation. *Media Art majors only, by consent of instructor.*

**MATH097 Intermediate Algebra (3)**

Designed to prepare students for Math Problem Solving or College Algebra. Mathematical thought and reasoning developed through the study of polynomials, factoring, rational expressions, exponents, roots and radicals, quadratic equations, functions and graphing.

**MATH110 Math Problem Solving (4)**

A liberal arts mathematical course designed specifically to focus on the improvement of problem solving skills and mathematical reasoning in many different areas. Topics discussed will include mathematical modeling, probability, statistics, logic, exponential growth, matrices, and chaos. **Prerequisite:** MATH097 or equivalent.

**MATH111 College Algebra (4)**

A study of functions, starting with the definition and focusing on the use of functions in all forms to model the real world. Includes comparing linear and nonlinear functions, transforming functions, looking at polynomial and rational functions globally and locally, models of growth and decline and systems of equations. **Prerequisite:** MATH097 or equivalent.

**MATH112 Trigonometry (3)**

Trigonometric functions, inverse trigonometric functions, trigonometric identities and conditional equations, solving triangles, polar coordinates, complex numbers, and analytic geometry. **Prerequisite:** MATH111 or equivalent.

**MATH120 Introduction to Statistics (3)**

Beginning statistical theory and practice are introduced through topics of data collection, sampling techniques, organization and presentation of data, measurement of central tendency, probability concepts, discrete and continuous probability distributions, statistical estimation, hypothesis testing, correlation analysis, linear regression and analysis of variance. **Prerequisite:** MATH111 or equivalent.

**MATH141 Calculus I (5)**

A study of limits and continuity of functions, derivatives, rules and applications of differentiation, hyperbolic and inverse trigonometric functions, rates of change, single-variable optimization, Newton's method, and indefinite integrals. A wide variety of applications from the physical, natural, and social sciences is explored. **Prerequisite:** MATH112 or equivalent.

**MATH142 Calculus II (5)**

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:** MATH141 or equivalent.

**MATH243 Multivariable Calculus (4)**

Plane and three-space vectors, vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals and vector calculus. **Prerequisite:** MATH142.

**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:** MATH142.

**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:** MATH142.

**MATH321 Probability and Statistics I (3)**

A calculus-based course covering introductory level topics of probability and statistics, including probability, random variables and probability distributions, joint probability distributions, and functions of random variables. **Prerequisite:** MATH243.

**MATH322 Probability and Statistics II (3)**

A continuation of MATH321, covering introductory level topics of probability and statistics, including statistical inference (both estimation and hypothesis testing), analysis of variance, regression, and correlation. **Prerequisite:** MATH321.

**MATH341 Introduction to Analysis (3)**

An introductory course in rigorous analysis, covering real numbers, sequences, series, continuous functions, differentiation, and Riemann integration. **Prerequisite:** MATH243 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.

**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:** MATH243 and MATH351.

**MATH385 Mathematical Modeling (3)**

Modeling is a course that covers techniques for analysis and decision-making for industrial problems, discrete and continuous optimization, dynamical systems modeling, and probabilistic methods in applied mathematics. **Prerequisite:** MATH260.

**MATH390 History of Mathematics (3)**

An introduction to the historical development of fundamental mathematical concepts. Emphasis is placed on the development of numeration systems, geometry and formal axiomatic systems, solutions of polynomial equations, the development of calculus, and the impact of global events on the development and proliferation of mathematical ideas. **Prerequisite:** MATH142.

**MATH440 Real Analysis (3)**

An extension of MATH341, the primary topics of this course include rigorous developments of multivariate differentiation, Riemann and Riemann-Stieltjes integration, sequences, series, continuous functions, and the topology of Euclidean space. **Prerequisite:** MATH341.

**MATH450 Abstract Algebra (4)**

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. Rings, including subrings, ideals, quotient rings, homomorphisms, and integral domains will be covered. Lastly, finite and infinite fields will be discussed. **Prerequisite:** MATH295.

**MATH460 Partial Differential Equations (4)**

The primary topics of this course include Fourier series, Sturm-Liouville and boundary value problems, Cauchy problems and the method of characteristics, separation of variables and Laplace transform methods. Numerical methods and selected topics are also included. **Prerequisites:** MATH243 and MATH260.

**MATH470 Complex Analysis (4)**

An introduction to functions of a complex variable. Topics include the algebra and geometry of complex numbers, analytic functions, exponential and logarithmic functions, complex integration, infinite series, residues and pole, and conformal mappings. **Prerequisite:** MATH295.

**MATH480 Topics in Mathematics (1-4)**

A course designed to include topics outside the scope of our other course offerings. Topics may include, but are not limited to, mathematical biology, point-set and algebraic topology, graph theory, combinatorics, differential geometry, set theory, number theory, advanced linear algebra, advanced abstract algebra, and Galois theory. **Prerequisite:** Consent of instructor.

**MATH491 Mathematics Colloquium (1)**

A one-credit capstone course intended to introduce students to topics in mathematics that are not covered in other courses. This is done through faculty and visiting professor presentations as well as student presentations of selected topics or research. **Prerequisite:** MATH295 or consent of instructor.

**MATH495 Senior Thesis (2)**

Satisfies the mathematics major capstone requirement and is composed of a written report based on student research. Each student will be expected to present their thesis to the Bethany community through a presentation in Mathematics Colloquium. **Prerequisite:** Consent of instructor (senior status normally required).

**MATH499 Mathematics Internship (1-2)**

A mathematics-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. Each student will be expected to give a presentation of their internship to the Bethany community in Mathematics Colloquium. **Prerequisite:** Consent of mathematics internship coordinator.

**MISY300 Software Applications (3)**

Using intermediate and advanced features of Excel and Access software to improve individual and organizational productivity is the focus. Macros, functions, scenario management, solver, special queries, pivot tables, multiple worksheets/3D cell referencing, and data tables are included in a hands-on approach to providing organizations with needed information. **Prerequisite:** COMS101 or consent of instructor.

**MISY302 MIS in the Organization (3)**

Use of a systems approach in analyzing the role of information systems and how information technology (IT) is changing the role of the organization manager. Information systems and how they can be used to provide real business benefit will be analyzed. Organizational change as it relates to IT development will be explored.

**Prerequisite:** MISY300.

**MISY440 Project Management (3)**

Develops MIS skills needed to define, plan, lead, monitor, and complete IT projects for organizations. Emphasis will be on technical and communication skills needed to manage changes and problems associated with project management. Work breakdown structure, schedule, time estimate, network diagram, and contingency plans will be included in projects. This course combines theory, techniques, group activities, and computer tools to complete projects. Developing an MIS project for a “real” community organization will be encouraged to combine the classroom learning with community service. **Prerequisite:** MISY302.

**MUSC101 Music Fundamentals (3)**

Basic concepts of music theory: notation, scales, intervals, chords. No musical background necessary.

**MUSC102 Music Appreciation (3)**

Introduction to music as artistic expression. No musical background necessary.

**MUSC111 Music Theory I (3)**

Building a foundation of diatonic harmonic vocabulary. Introduction to part-writing. Students are encouraged to take MUSC114 concurrently. **Prerequisite:** MUSC101 or satisfactory performance of Music Theory entrance exam.

**MUSC112 Music Theory II (3)**

Continuation of MUSC111. Melodic analysis and reduction. Students are encouraged to take MUSC115 concurrently.

**MUSC114 Music Skills I (2)**

Ear training, sight singing, keyboard harmony, and beginning guitar. Melodic and rhythmic dictation. Students are encouraged to take MUSC111 concurrently. **Prerequisite:** MUSC101 or satisfactory performance on the Music Theory entrance exam.

**MUSC115 Music Skills II (2)**

Continuation of MUSC114. Sight-reading, and melodic and rhythmic dictation. Keyboard performance of harmonic progressions. Introduction to figured bass. Students are encouraged to take MUSC112 concurrently.

**MUSC121 Music History I (3)**

Study of repertoire of major styles and composers. Middle Ages through the Baroque era.

**MUSC122 Music History II (3)**

Study of repertoire of major styles and composers. Classical era into the 21st century.

**MUSC125 Choraliers (0)****MUSC130 Concert Choir (1)****MUSC132 Mary Martha Singers (0)****MUSC135 Concert Band (1)****MUSC140 Handbells (0)****MUSC152 String Ensemble (0)****MUSC155 Jazz Ensemble (0)****MUSC161 Introduction to Conducting (1)**

Introduction to basic conducting patterns and problems. Student will demonstrate leadership gestures and conduct a small group in folk melodies, hymntunes and chorales in duple and triple schemes. Preparatory beat anacrusis, the fermata and release will also be practiced.

**MUSC181 ELS Certification Piano (1)**

Private 30-minute lessons. Development of keyboard skills for the elementary classrooms of the schools in the Evangelical Lutheran Synod, emphasizing basic keyboard proficiency leading to the performance of folk song, hymnody and the music of the Lutheran liturgy. **Prerequisite:** Consent of education department.

**MUSC190 Instruction I (1)**

Private 30-minute lessons.

**MUSC190A Voice Instruction I****MUSC190B Piano Instruction I****MUSC190C Organ Instruction I****MUSC190D Instrument Instruction I****MUSC205 Hymnody and Liturgics (2)**

History and development of liturgical practices and hymnody. Emphasis on the Lutheran chorale, and the reformation of the liturgy. May substitute for religious studies credit for students who have completed RELG110 and RELG111.

**MUSC211 Music Theory III (3)**

Continuation of MUSC112. Emphasis on analysis. Study of fugue, and classical forms. Part writing. Students are encouraged to take MUSC214 concurrently.

**MUSC212 Music Theory IV (3)**

Continuation of MUSC211. Analysis of music from the 19th into the 21st century. Expansion of harmonic vocabulary. Students are encouraged to take MUSC215 concurrently.

**MUSC214 Music Skills III (2)**

Continuation of MUSC115. Chord progressions to include modulations. Keyboard realization of modulations. Students are encouraged to take MUSC211 concurrently.

**MUSC215 Music Skills IV (2)**

Continuation of MUSC214. Reading of open choral and instrumental scores at the keyboard, and figured bass. Students are encouraged to take MUSC212 concurrently.

**MUSC261 Choral Conducting (3)**

Techniques and rehearsal procedures. Repertoire and its historical place in liturgy, especially as it applies to the Lutheran tradition. **Prerequisite:** MUSC101 or MUSC111.

**MUSC262 Instrumental Conducting (3)**

The craft and tradition of instrumental conducting is explored through the study of preparatory skills, pedagogical concepts, posture, beat patterns, “stick” technique, and an introduction to band and orchestral repertory. **Prerequisite:** MUSC161.

**MUSC290 Instruction II (2)**

Private 60-minute lessons. **Prerequisites:** two semesters of MUSC190 and consent of instructor.

**MUSC290A Voice Instruction II****MUSC290B Piano Instruction II****MUSC290C Organ Instruction II****MUSC290D Instrument Instruction II****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.

**MUSC335 Music Theatre (3)**

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

**MUSC340 Survey of World Dance (3)**

A study of dance through form, style and rhetoric in various cultures. **Prerequisite:** MUSC101 or MUSC111 or consent of instructor.

**MUSC341 Music of the Renaissance and Baroque (3)**

Examination of forms, composers, and musical ideals of Western music from 1450-1650. **Prerequisites:** MUSC121 and MUSC122.



**MUSC342 Music of the Baroque and Classic Era (3)**

Examination of the music of the high Baroque through the Classic era, from 1650-1800. **Prerequisites:** MUSC121 and MUSC122.

**MUSC343 Music of the 19th Century (3)**

Examination of forms, styles, and musical ideals of Romantic composers. **Prerequisites:** MUSC121 and MUSC122.

**MUSC344 Music of the 20th Century (3)**

Beginning with Impressionism and Expressionism the course will explore music produced in the last 100 years. Recommended: MUSC111, MUSC112, MUSC121, MUSC122.

**MUSC371 Piano Pedagogy (1)**

Introduction to the teaching of piano. Students in the course will study various approaches to piano instruction as well as methods and repertoire.

**MUSC372 Organ Pedagogy (1)**

Through the study of a variety of organ method books the student will learn a manner of teaching appropriate for the student at hand. In addition, methods of teaching repertoire will be introduced, as well as how to develop an organ studio. **Prerequisite:** MUSC190 and consent of instructor.

**MUSC390 Instruction III (1)**

Private 30-minute lessons. **Prerequisite:** Consent of instructor.

**MUSC390A Voice Instruction III****MUSC390B Piano Instruction III****MUSC390C Organ Instruction III****MUSC390D Instrument Instruction III****MUSC390E Composition Instruction III****MUSC390F Conducting Instruction III****MUSC400 Church Music Practicum (3)**

For church music majors. supervised practicum in the parish. **Prerequisite:** Consent of instructor.

**MUSC417 Counterpoint and Composition (3)**

Study of strict species counterpoint. Analysis of 17th and 18th century counterpoint. Application of the contrapuntal practices relative to current composition. **Prerequisite:** MUSC212.

**MUSC418 Analysis and Composition (3)**

Principles of composition and arranging. Analysis of significant styles and forms. **Prerequisite:** MUSC212.

**MUSC435 Opera and Lyric Theatre (3)**

A study of opera from the Florentine Camerata through Broadway Lyric Theatre. Form and Style. **Prerequisite:** Consent of instructor.

**MUSC440 World Music (3)**

Introduction to non-Western music of a diversity of cultures. **Prerequisites:** MUSC101 or MUSC111 and consent of instructor.

**MUSC475 Recital (1)**

Performance for students enrolled in private music lessons; program planned and directed by student and recital instructor. May be capstone for music major emphases. **Prerequisite:** Consent of instructor.

**MUSC480 Topics in Music (3)**

Course content varies. **Prerequisites:** MUSC111 and MUSC121 and MUSC122 and MUSC212 as well as the consent of instructor.

**MUSC490 Instruction IV (2)**

Private 60-minute lessons. For students preparing for recital. **Prerequisites:** two semesters of MUSC290 and consent of instructor, recital.

**MUSC490A Voice Instruction IV**

**MUSC490B Piano Instruction IV**

**MUSC490C Organ Instruction IV**

**MUSC490D Instrument Instruction IV**

**MUSC490E Composition Instruction IV**

**MUSC490F Conducting Instruction IV**

**MUSC495 Senior Seminar Music (3)**

Capstone project for students majoring in music. Project is coordinated with faculty advisor.

**MUSC499 Music Internship (3)**

Music-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator and worksite. *Music majors only, by consent of instructor.*

**NORW101 Introduction to Norwegian I (4)**

Introduction to the Norwegian language through contemporary texts, with some discussion of history and culture of Norway.

**NORW102 Introduction to Norwegian II (4)**

Introduction to the Norwegian language through contemporary texts, with some discussion of history and culture of Norway. **Prerequisite:** NORW101.

**PHED106 Golf (0.5)**

Additional fees required.

**PHED107 Bowling (0.5)**

Additional fees required.

**PHED110 Downhill Skiing (0.5)**

Additional fees required.

**PHED120    Aerobic Conditioning (1)**

Principles and practice of safe aerobic exercise.

**PHED121    Introduction to Team Games (1)**

This course will introduce the student to basketball, soccer, and volleyball. Intended to increase skill, strategy and knowledge through lecture and active participation.

**PHED122    Introduction to Lifetime Sports (1)**

This course will introduce the student to badminton, racquetball, and tennis. Intended to increase skill, strategy and knowledge through lecture and active participation.

**PHED124    Weight Training (1)**

Principles and practice of safe resistance training.

**PHED215    Developing Life Skills (2)**

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.

**PHED216    Introduction to PE and Recreation (2)**

This foundational course will broaden the student's understanding of how the philosophies, ethics, and programs of physical education and sport evolved, as well as present the current status of these fields. The student will discover the diversity of physical education and sport and the wealth of careers available in this field. Open to students with sophomore status or above.

**PHED220    Outdoor Recreation Leadership (2)**

This course provides the fundamental knowledge, skills, and experience essential for leadership in outdoor recreational activities. The course includes outdoor field experiences such as orienteering, backpacking, hiking, and camping.

**PHED300    Methods of Coaching Baseball (2)**

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.

**PHED301    Methods of Coaching Basketball (2)**

**PHED302    Methods of Coaching Football (2)**

**PHED303    Methods of Coaching Soccer (2)**

**PHED304    Methods of Coaching Softball (2)**

**PHED305    Methods of Coaching Volleyball (2)**

**PHED310 Motor Learning and Behavior (3)**

An investigation of the nature of motor development, motor control, and motor learning in individuals throughout the lifespan. Topics will focus on the interaction between development of motor performance capabilities in the learner and the role of the environment in facilitating the processes of motor skill learning and performance.

**PHED320 Social Aspects of Sports (3)**

This course will introduce the student to the complex field of sport as a psychological and sociological phenomenon. Students will study social processes associated with sport, including competition, socialization, conflict and change. **Prerequisite:** Sophomore status required or consent of instructor.

**PHED325 Sport Psychology (3)**

Course will familiarize students with those aspects of psychology that influence performance and participation in sports and other sports related settings. Some topics that will be discussed are self-esteem, motivation, stress, and imagery as it applies to one's ability to perform or willingness to participate in sports. (Cross-listed with PSYC315.)

**PHED330 Prevention and Care of Athletic Injuries (3)**

Basic prevention, care, evaluation, treatment and rehabilitation of athletic injuries.

**Prerequisite:** HLTH206.

**PHED350 Kinesiology (3)**

A study of the biomechanics of human movement. **Prerequisites:** BIOL221 and BIOL222.

**PHED450 Exercise Physiology and Lab (4)**

A study of both acute and chronic exercise on the structure and function of the human body. Three lectures and one lab per week. **Prerequisites:** BIOL221, BIOL222 and PHED350.

**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.

**PHED480 Topics in Exercise Science (3)**

A capstone topics course in Exercise Science. This course will review the various physiological, psychological, and administrative components involved in a comprehensive health/fitness program. A special emphasis on cardiac concerns included. **Prerequisites:** BIOL221 and BIOL222.

**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. **Prerequisite:** PHIL202 or PHIL204.

**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. **Prerequisite:** PHIL202 or PHIL204.

**PHIL450 Philosophical Readings (3)**

A close reading of two major philosophical texts each semester. Selections vary; course may be repeated for credit. **Prerequisites:** PHIL330 or PHIL331, and consent of instructor.

**PHYS101 Descriptive Physics and Lab (4)**

Intended for non-science majors. Introductory study of some of the basic concepts in physics with an emphasis on everyday applications. Topics covered include motion, energy, heat, sound, electricity and magnetism. Three lectures and one two-hour lab per week.

**PHYS151 College Physics I and Lab (4)**

Beginning course for students without a calculus background. Includes basic principles of bodies at rest and in motion, fluids, thermodynamics, vibrations, waves, and sound. Three lectures and one two-hour lab per week. **Prerequisite:** MATH112.

**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. **Prerequisites:** MATH141 and MATH142.

**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.

**PHYS313 Statics and Dynamics (4)**

Three-dimensional equilibrium; analysis of frames, machines and trusses; centroids and second moments of various geometric shapes. **Prerequisite:** PHYS213.

**PHYS314 Introduction to Electronic and Electrical Circuits (4)**

Physical principles underlying modeling of circuit elements; first- and second-order circuits, circuits in sinusoidal steady state, Kirchhoff's rules, Wheatstone bridges, Thevenin's theorem, capacitive and inductive reactance, RLC circuits, transformers, and mutual inductance. Experiments with simple circuits, familiarization with basic measurement tools and equipment. **Prerequisite:** PHYS214.

**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)**

A study of contemporary international relations; forms of diplomatic interactions; problems of conflict and cooperation.

**PLSC420 Constitution and Early Republic (3)**

This course explores the development, ratification, and legacy of the U.S. Constitution from 1787 through the 1820s. In both primary and secondary documents, students will explore American life under the Constitution with special attention to questions of religion, race, gender, and individual rights. (Cross-listed with HIST420.)

### **PSYC210    General Psychology (4)**

Survey of the major concepts of psychology viewed from contrasting philosophies. Designed for both majors and non-majors, this course gives students a general knowledge base pertaining to the field of psychology and covers a wide range of topics (e.g, the nervous system, sensation, consciousness, conditioning, memory, IQ, motivation, emotion, development, stress, coping, assessment, therapy, and abnormalities.) Emphasis is placed on the relevance of psychology to everyday life and faith.

### **PSYC220    Human Growth and Development (3)**

A life-span perspective on human development, from conception to death. Students gain knowledge of developmental domains (i.e., social, physical, intellectual, emotional, and spiritual). Students gain an understanding of parenting issues and developmental milestones. Class projects help students to apply these concepts to their own history. This course is a prerequisite for EDUC200.

### **PSYC310    Personality (3)**

An examination of the major psychological theories and the theorist's personal histories. Students become familiar with the theoretical models that psychology uses to understand the problems and needs of people. In the context of a Christian perspective, these theories are evaluated with regard to their truth claims, interrelationships and relative value. **Prerequisite:** PSYC210.

### **PSYC315    Sport Psychology (3)**

Course will familiarize students with those aspects of psychology that influence performance and participation in sports and other sports related settings. Some topics that will be discussed are self-esteem, motivation, stress, and imagery as it applies to one's ability to perform or willingness to participate in sports. (Cross-listed with PHED325.)

### **PSYC325    Psychology of Child Development (3)**

This course examines the development of children from conception through middle childhood. Students gain knowledge of the developmental domains (e.g., physical, social, intellectual, emotional, and spiritual). This course also provides an in depth understanding of developmental milestones (i.e., a set of functional skills that most children can do at a certain age range) during early and middle childhood.

### **PSYC330    Psychology of Adult Development (3)**

An examination of the development of individuals from young adulthood through the end of life. The process of adult development as interplay of biological, psychological, and psychosocial aspects is examined. This course covers topics such as mate selection, work, retirement, and bereavement. **Prerequisite:** PSYC220. (Cross-listed with SOCL350.)

**PSYC340 Social Psychology (3)**

Examines how behavior, thoughts, and feelings of individuals influence, and are influenced by, the behavior and characteristics of others. Topics include attitudes, personal perception, social cognition, liking and friendship, altruism, aggression, conformity, social exchange, and behavior of individuals within groups. **Prerequisite:** PSYC210.

**PSYC350 Abnormal Psychology (3)**

Examines the nature of characteristics of abnormal behavior, focusing on theories, assessment, classification, and treatments. Depression, anxiety, schizophrenia, eating disorders, chemical dependency, and family problems. **Prerequisite:** PSYC210.

**PSYC360 Educational Psychology and Human Relations (3)**

Provides an understanding of how learning occurs and the implications for instruction. Topics include the psychosocial developmental characteristics of the child; student variability and diversity; issues of prejudice and discrimination; multi-cultural education; group dynamics and positive social interaction. PSYC220, EDUC200, and PSYC360 are the **Prerequisites** for all upper division Education courses.

**PSYC370 Gender (3)**

Investigates gender as a framework for life, examining how our concepts of male and female affect cognition, emotion, and behavior. This course examines approaches to gender as viewed from a Biblical and interdisciplinary perspective. The course format focuses on readings, group discussion, reflective writing, and small research projects.

**PSYC410 Industrial/Organizational Psychology (3)**

Survey of basic behavioral science research that contributes to industrial and organizational psychology, including worker attitudes and theories of motivation, organizational structure, communication, theories of leadership, decision making, conflict resolution, and methods of personnel selection and appraisal.

**PSYC420 Psychological Testing and Measurements (3)**

Provides an understanding of tests and behavioral measurement techniques. Students become familiar with intelligence, personality, and industrial, psychological measures. The basic principles of behavior are introduced and students learn to design and implement observation assessments. The course concludes with a formal poster presentation, wherein students present to the campus the findings of their research.

**PSYC430 Introduction to Physiological Psychology (3)**

Examines humans from a biological perspective. The interplay between biology and behavior is examined. Through close examination of how the brain develops from conception through the first five years of life. Students gain knowledge pertaining to the role of the brain in emotion, sleep, learning and memory, sexual behavior, aggression, and psychopathology. Students also scrutinize the role that the pharmaceutical industry plays in the creation and treatment of physiological disorders. **Prerequisite:** BIOL101 or BIOL151.



**PSYC440 Applied Behavior Analysis (3)**

Introduction to the principles of learning and how those principles can be used to modify behavior. The course emphasizes the application of learning theory and principles to solve behavioral problems as they exist in oneself, one's family, and the greater community. Particular attention will be given throughout the semester to the ethics surrounding behavioral research and practice.

**PSYC450 Principles and Strategies of Counseling (3)**

Students learn to conduct an effective interview. Interviews in counseling, social work, personnel work, or the ministry are the focus. The student learns concepts, methods and skills to develop competencies in helping relationships. Students gain practical skills at interaction one-on-one. The student will practice listening skills and develop a framework for counseling.

**PSYC460 Facilitating Groups (3)**

Investigation into the healing powers of groups and their utilization. This course looks at how group leaders can provide opportunities for interpersonal support, team building, and confrontation. The use of groups for enhancing the emotional growth of the psychologically healthy and operant/classical conditioning in-group motivation will be focus areas. Topics include stages of groups, group process, basic skills for group leaders, and ethical concerns. **Prerequisite:** PSYC210.

**PSYC470 Supervised Study in Psychology (3)**

Offers an opportunity for first-hand learning experience within an area of interest. Designed for psychology students, this course consists of both individual and group work. Students first become familiar with career options available in psychology and develop areas of interest. They then engage in professional development within psychology, establish contacts within their areas of interest, and gain hands-on experiences in applied settings. **Prerequisite:** PSYC210. *Psychology majors only, by consent of instructor.*

**PSYC475 History and Systems of Psychology (3)**

Capstone course designed to survey the history of psychology within the context of Christianity. The focus is on major theorists and their ideas in relation to the historical context and current psychological issues. A study of the models and areas in which theology conflict and relate; particular attention is given to Biblical and psychological theories on the concepts of motivation and guilt. **Prerequisite:** PSYC210.

**PSYC499 Psychology Internship (3)**

Psychology-related experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator, and work site. *Psychology majors only, by permission 1-3 credits, repeatable up to 6 credits.*

**RELG110 Introduction to Christianity I (2)**

This course is Part I of the required sequence for full-time incoming students. It is an introduction to the study of Christianity. Through selected readings, it focuses on the nature of the Christian faith, the gospel, and the doctrines of Christianity. It serves also as an introduction to the academic study of religion and theology.

**RELG111 Introduction to Christianity II (2)**

This course is Part II of the required sequence for full-time incoming students. It is an introduction to the study of Christianity. Through selected readings, it focuses on the nature of the Christian faith, the gospel, and the doctrines of Christianity. It serves also as an introduction to the academic study of religion and theology.

**RELG203 The Life of Christ (2)**

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.

**RELG204 Israel's History (2)**

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.

**RELG205 The Gospel According to Isaiah (2)**

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.

**RELG206 Acts of the Apostles (2)**

Study of the Acts of the Apostles in its historical and biblical context.

**RELG207 Paul's Letter to the Roman Christians (2)**

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.

**RELG208 The Christian Laity (2)**

After reviewing the Means of Grace, the Priesthood of all Believers, the Theology of the Cross, and the Public Ministry, these doctrines will be applied to the life of the Christian layman in his congregation, at home, and in the secular world. The course will also focus on evangelism.

**RELG209 Christian Doctrine I (2)**

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.

**RELG210 Christian Doctrine II (2)**

A continuation of Christian Doctrine I (the courses need not be taken in sequence), it deals with the doctrines of Election, the Means of Grace, the Church, Ministry, Civil Estates, and the Last Things.

**RELG300 History of Christian Thought I:  
Post-Apostolic Fathers to Chalcedon (3)**

A survey of major developments in the history of Christian thought, doctrine and practice of the early church, including the Post-Apostolic and Ante-Nicene fathers, Augustine and the Council of Nicea to the Council of Chalcedon.

**RELG301 History of Christian Thought II: Chalcedon to 15th Century (3)**

A survey of major developments in the history of Christian thought, doctrine, and practice, with a concentration especially on the Latin Church. Western monasticism, and the development of scholastic thought from the Council of Chalcedon to the 15th century.

**RELG302 History of Christian Thought III:  
17th Century Enlightenment to Modern and Post Modern (3)**

A survey of major trends in the history of Christian thought, doctrine, and practice from the late 17th century to the present day, including the influences of Enlightenment thought and fundamentalist reactions to modernist developments.

**RELG316 Comparative World Religions (3)**

The five major world religions (Judaism, Christianity, Islam, Buddhism, and Hinduism) are examined and discussed. Their central teachings are outlined and compared.

**RELG320 Luther: His Ongoing Significance (3)**

The Lutheran Reformation is examined through the biography and selected writings of Martin Luther. Chief emphasis is on the years to Luther's death, with an examination of the structure and themes of Luther's thought.

**RELG325 Psalms and Wisdom Literature of the Old Testament (3)**

This course is an introduction to and survey of the Book of Psalms, the Books of Job and Ecclesiastes, and selected portions of the Book of Proverbs. It examines the origins, literary artistry, theological content, and the use of these books across the ages.

**RELG330 Christian Social Thought (3)**

Controversial topics in contemporary Christianity are discussed on the basis of Scripture and human reason. Topics include such issues as war, capital punishment, the role of women, science, and sexuality.

**RELG335 The Lutheran Confessions (3)**

This course studies the Lutheran Book of Concord, the confessions of the Lutheran Church. The course examines the basic historical background of each of the Lutheran Confessional documents; the relationship between Scripture and the Confessional writings; the normative nature and authority of the Book of Concord for Lutheran Church confessional and church life.

**RELG340 Apologetics (3)**

This course examines the nature and purpose of apologetics theologically, philosophically, historically, scientifically, equipping students to fashion an apologetic within the contemporary postmodern and modern context.

**RELG350 Islam (3)**

Islam, the fastest growing and second largest world religion, is examined and discussed. Attention is given to its historical roots, major teachings, schisms, and importance in the world today.

**RELG360 History of the Christian Church (3)**

A survey of the History of the Christian Church from the post-apostolic age to the present. Major emphasis is on the Middle ages, reform movements, and post-Reformation. **Prerequisites:** RELG110 and RELG111.

**RELG380 Pauline Literature (3)**

Representative letters of the Apostle Paul will be studied in detail. The student will be required to read through all of Paul's letters, but the focus of the course will be a study of selected letters, and will examine various critical issues raised in secondary literature.

**RELG382 Johannine Literature (3)**

The Gospel of John, John's epistles, and the Revelation to John will be studied in detail. The course will also examine various critical issues raised in secondary literature.

**RELG420 The Rhetoric of Religion (3)**

A study of religion's use of "multi-modal" strategies — words, silence, emotional images, and even smells — conditioned by theological assumptions, to persuade. Central attention is given to how secular rhetoric has influenced the Christian tradition.

**RELG425 Influence of Eastern Religion Upon American Culture and Thinking (3)**

This course explores the influence of Eastern Religious thought upon American culture beginning in the 19th century and marked by the Watershed 1893 Chicago Parliament of Religions, which encouraged 20th century Ecumenism and the spread of Buddhism, Hinduism Theosophy, Mind Cure, New Age and the contemporary Self-Help Movement.

**RELG435 Intertestament Period (3)**

This course is an introduction to and survey of the Biblical period from about 500 B.C. to the birth of Christ. The core of the content includes the canonical Books of Ezra, Nehemiah, Esther, Haggai, Zechariah, and Malachi, and the 14 writings commonly referred to as the Apocrypha. The course examines the content of these writings and the historical circumstances out of which they arose.

**RELG480 Topics in Religious Studies (3)**

Students examine a variety of special religion topics that emerge from present day issues, the expertise of the instructor, and/or the special interests of the students.

**RELG489 International Study Tour (3)**

Course allows the student to travel to a specific country, selected by the professor, and covers various aspects of the selected country or geographic area. (Cross-listed with HIST489.)

**RELG495 Senior Seminar in Religious Studies (3)**

Integration of the various facets of the liberal arts into a coherent personal perspective on reality. Focus on the epistemological bases of the disciplines; translation of liberal arts study into a productive life serving the needs of church and society. **Prerequisite:** LART490.

**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.

**SOCL101 Introduction to Sociology (3)**

This foundational class examines the structure of social groups and analyzes social interaction. Emphasis is given to sociological theories and methodologies, which help understand and explain human group behavior.

**SOCL105 Problems of Contemporary Society (3)**

The major social problems, which beset contemporary American society, are identified, examined and analyzed. The issues include inequality, health, education, poverty, family problems, crime, and substance abuse.

**SOCL201 Marriage and the Family (3)**

The social and cultural patterns of mate selection, marriage, and family interactions are investigated. The Christian perspective and communication in relationships throughout the life cycle are emphasized.

**SOCL235 Death and Dying (3)**

Human responses to death, dying, and bereavement are studied in the socio-cultural, interpersonal, and personal contexts. Funerals, suicide, euthanasia, and children's perceptions of death are among the topics discussed.

**SOCL240 Criminal Deviance and Justice (3)**

Criminal deviance and the social and legal process of defining crime and punishment are examined. Topics include crime types, criminal careers, theories of crime causation, and an introduction to crime control systems. **Prerequisite:** SOCL101 or SOCL105.

**SOCL320 Research Methods in Social Sciences (3)**

Knowledge of research design, its applications, and responsible conduct in research will be acquired through lecture, discussion, text reading, case study, and a research proposal. Analysis techniques will be introduced.

**SOCL330 American Minorities (3)**

The values, beliefs, demographics, and cultural patterns of American minorities and U.S. society are examined from historic and contemporary perspectives. Topics include race, ethnicity, gender, social economics, and disabilities.

**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.

**SOCL350 Aging in Society (3)**

The sociological, psychological and biological aspects of aging are examined. Contemporary theories of aging and the gerontology research being conducted today are introduced. (Cross-listed with PSYC330.)

**SOCL410 Sociological Theory (3)**

Subjects such as power, socialization, conflict, social order, and interpersonal relations are examined in terms of classical and contemporary sociological theories.

**Prerequisite:** SOCL101 or SOCL105 or consent of instructor.

**SOCL430 Collective Behavior and Social Movements (3)**

Forms of collective behavior are analyzed and discussed. Topics include: crowds, crazes, public opinions, collective hysteria, panic, rumor transmission, social conflict and social change. **Prerequisite:** SOCL101 or SOCL105 or consent of instructor.

**SOCL440 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. **Prerequisite:** SOCL101 or SOCL105 or consent of instructor.

**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.

**SOCL499 Sociology Internship (3)**

Sociology-related field experience with an approved agency fulfilling an individual learning contract negotiated between student, department, Internship Coordinator, and worksite. *Sociology majors only, by 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.

**SPAN305 Conversation and Literature I (4)**

Short literary works stimulate discussion and help to build an understanding and appreciation of Hispanic life and culture, with special attention given to Hispanic life in the United States and Latin America. Selected grammar topics are reviewed and expanded. **Prerequisite:** SPAN204 or placement exam.

**SPAN306 Conversation and Literature II (4)**

This course is a continuation of Conversation and Literature I. The literary works focus on Latin America in the past 50 years, helping to gain an understanding and appreciation of recent history. Literary terminology and methods of literary interpretation are covered, along with the review of selected grammar topics. **Prerequisite:** SPAN305 or consent of instructor.

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

An overview of the history and culture of Spain from pre-history to the present. Topics include art, literature and politics. **Prerequisite:** SPAN306 or consent of instructor.

**SPAN340 Survey of the Literature of Spain (3)**

A survey of the literature of some of the more important Spanish authors, past and present. **Prerequisite:** SPAN306 or consent of instructor.

**SPAN350 Survey of the Literature of Latin America (3)**

A survey of the literature of some of the more important Latin American authors, past and present. **Prerequisite:** SPAN306 or consent of instructor.

**THTR100 Theatre Practicum I (1-2)**

May be taken by the consent of instructor only. 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.

**THTR101 Introduction to Theatre (3)**

A class designed to acquaint students with the theatre arts. Play and text readings, the viewing of live performances, critical writing assignments, and group discussion will be utilized to enhance understanding and appreciation for the art as a whole.

**THTR102 Acting I (3)**

A rudimentary acting course, defining and exercising the actor's tools of expression within the body and voice. These tools are then applied to character structuring through improvisational script analysis and scene work.

**THTR105 Stage Craft (3)**

An introductory course in contemporary staging techniques. This course contains units on aesthetics, tools and safety, basic design, scene painting, lighting, construction materials and building techniques.

**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 and THTR105 or consent of instructor.



### **THTR215 Rudiments of Theatrical Design (3)**

Acquaints students with the rudiments of theatrical design. Students will use various materials and media, and will explore two- and three-dimensional rendering techniques, in order to conceptualize the design elements of dramatic works. **Prerequisite:** THTR101 or THTR105 or consent of instructor.

### **THTR240 Oral Interpretation (3)**

An introduction to performance that focuses primarily on the human voice. This course deals with the vocal performance of various kinds of literature, including poetry and prose, and emphasizes the implementation of textual analysis in order to make performance choices. Basic anatomy of the vocal mechanism and proper techniques for its use is covered.

### **THTR300 Theatre Practicum II (1-2)**

May be taken by the consent of instructor only. The 300 series practica will be taken for a grade and will be repeatable for up to eight credits. These practica allow the qualified student the opportunity to apply the techniques they have learned toward an actual stage production. Journaling and an extra writing component will be expected. Areas include acting, stage management, light design, scene/prop design, sound design, costume design, and technical theatre.

### **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 1600's 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 provide the supplement the scope of the course. **Prerequisite:** THTR101.

### **THTR330 Period Style (3)**

This course is an examination of the relationship between arts and culture during major periods in history. Visual and conceptual choices are explored as to the ways these relationships are used by directors and designers in the context of theatrical collaboration.

### **THTR340 Stage Dialects (3)**

This course will concentrate on several of the most often needed dialects for the stage and thoroughly utilize the International Phonetic Alphabet (IPA).

**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.

**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 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.

**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    Topics in Theatre (3)**

An examination of various topics concerning the contemporary theatre artist. Specific topics to be announced. **Prerequisite:** Consent of instructor.

**THTR495    Senior Theatre Project (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 (3)**

Theatre-related field experience with an approved agency fulfilling an individual learning contract negotiated between the student, the department, the Internship Coordinator and the worksite. Only three credits may apply toward fulfilling requirements for the major. **Prerequisite:** Consent of instructor.

**VAR101 Varsity Softball (0.5)**

Students may use a maximum of one credit of varsity participation to satisfy the core general education requirements. Students participating in a varsity sport may not register for the coinciding physical education offering. One-half credit will be earned for each season involved.

**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)**



faculty and  
administration

# Faculty

## Peter J. Bloedel

Theatre

M.A., Minnesota State University  
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*At Bethany since 1993*

## John P. Boubel

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Erling M. Bolstad Chair in  
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# BLC Campus

## Old Main

- Administration
- Admissions
- Anderson Hall
- Bookstore
- Financial Aid
- Security
- Student Union

## Presidents Hall

- Advancement
- College Relations

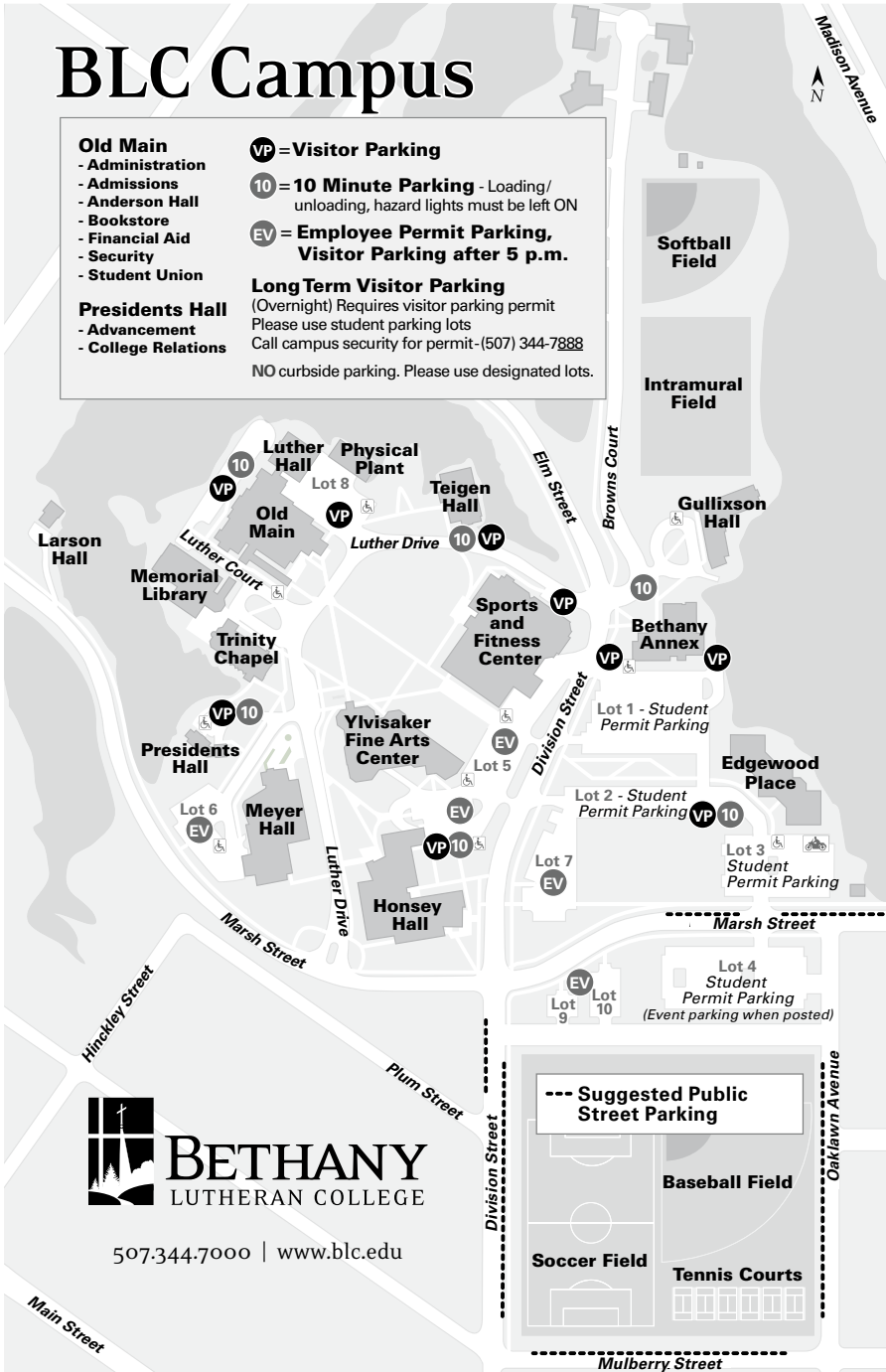
**VP** = Visitor Parking

**10** = 10 Minute Parking - Loading/unloading, hazard lights must be left ON

**EV** = Employee Permit Parking, Visitor Parking after 5 p.m.

## Long Term Visitor Parking

(Overnight) Requires visitor parking permit  
Please use student parking lots  
Call campus security for permit - (507) 344-7888  
NO curbside parking. Please use designated lots.



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--- Suggested Public Street Parking

Soccer Field  
Baseball Field  
Tennis Courts

# Index

Individual courses are not listed in this index. See the alphabetical listing of courses beginning on page 91.

Academic Policies .....	14	English Major .....	48
Accreditation .....	5	English Minor .....	50
Administration .....	8, 153	Exercise Science Major .....	51
Admissions .....	10	Expenses .....	11
Advanced Placement .....	16	Faculty Roster .....	149
Advising .....	13	Fees .....	11
Art History Minor.....	24	Financial Aid .....	12
Attendance .....	14	Freshmen .....	15, 21
Auditing Courses.....	16	General Education .....	19
Bachelor of Arts Degree.....	18, 23	Grade Point Average .....	15, 19
Biology Major .....	24	Grades .....	15
Biology Minor.....	26	Graduation Requirements .....	18
Board of Regents .....	8	Health Communication Minor .....	52
Broad Field Social Studies Major.....	27	History Major .....	53
Business Administration Major .....	31	History Minor .....	56
Business Administration Minor .....	35	Honors .....	16, 19
Campus .....	5, 157	Incompletes .....	17
Certification.....	23	Information Systems Minor .....	56
Chemistry Major .....	35	Internships .....	13
Chemistry Minor .....	37	Junior.....	15
Class Load .....	16	Liberal Arts Major .....	57
Classification of Students .....	15	Location of College .....	5
Coaching Certification.....	37	Majors.....	23
Communication Disorders Minor....	40	Map .....	157
Communication Major .....	38	Mathematics Major .....	66
Communication Minor.....	40	Mathematics Minor.....	68
Counseling Services.....	13	Media Arts Major.....	68
Course Changes .....	17	Military Science (ROTC).....	14
Course Descriptions .....	91	Minors .....	23
Credit by Special Examination .....	16	Mission Statement .....	5
Credit Hours .....	15	Music Major .....	70
Data Privacy Policy .....	10	Music Minor .....	74
Dropping/Adding Courses .....	17		
Education Major .....	41		
Engineering/Physical Science.....	46		

North Central Association .....	5	Sociology Major .....	80
Objectives, General Education .....	19	Sociology Minor.....	82
Objectives of the College .....	6	Sophomore .....	15
Organization of the College .....	7	Spanish Minor.....	82
Ownership and Control .....	7	Student Consumer Information .....	10
Part-time Student .....	15	Studio Art Major.....	83
Payment of Fees .....	11	Studio Art Minor .....	85
Philosophy and Objectives		Study Abroad .....	14
of the College .....	6	Synod .....	5, 6, 7, 8
Professional Staff .....	155	Theatre Major .....	87
Psychology Major.....	75	Theatre Minor.....	88
Psychology Minor .....	77	Transcript .....	11, 17
Religion Major .....	78	Transfer .....	16, 18
Religion Minor.....	79	Travel .....	14
Refunds .....	11	Tuition .....	11
Registration Policies .....	16	Veteran Benefits .....	12
ROTC .....	14	Western Philosophy Minor.....	89
Semester Credits .....	15	Withdrawal from a Course .....	17
Senior.....	15	Withdrawal from College .....	17

