

W

Undergraduate



Inspiration *in Action*TM

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Concordia University Wisconsin is one of ten colleges or universities in the Concordia University System, which is owned and operated by The Lutheran Church - Missouri Synod.

Mission Statement

Concordia University is a Lutheran higher education community committed to helping students develop in mind, body, and spirit for service to Christ in the Church and the world.

Statement of Purpose

Concordia was founded in 1881 as a school of The Lutheran Church-Missouri Synod and officially became a university on August 27th, 1989. Concordia provides a variety of educational opportunities for students who are preparing for vocations in the ministry of the church and for various professional and business careers in the community. The program of studies emphasizes a liberal arts curriculum and course offerings provide educational experiences that cultivate personal and vocational skills. The total program is centered in the Christian philosophy with a confessional Lutheran emphasis. It is governed by sound educational standards and is focused on the spiritual, academic, social, and physical development of students.

Concordia University seeks to develop mature Christians in whom knowledge and understanding of the Holy Scriptures, the inspired, inerrant Word of God and the source and norm of Christian truth, are united with personal faith in Jesus as God and Savior. Concordia's spiritual resources are directed to the development of Christian faith and practice of Christian virtues so that the student can form value judgments and arrive at ethical principles required for purposeful living.

Concordia's programs promote intellectual development and self-knowledge for the student's personal growth and well-being. They nurture religious commitment, provide insights for Christian action in the world, and facilitate the ability to communicate effectively. The programs provide an opportunity for intelligent selection of vocations for service to God, church and society. They are designed to develop the professional competencies and commitment required for responsible participation and leadership in a complex society.

As a metropolitan educational institution in Wisconsin, Concordia is determined to use all available opportunities and resources provided by the community at large to enhance the educational development of its students. Concordia also integrates a global experience into its curriculum so that the student can better understand the church and our nation in a truly global environment. Concordia, in turn, within the bounds of its philosophy and resources, is interested in exerting a Christian influence on the community, nation, and world. This is done through traditional and non-traditional university programs, adult and continuing education, graduate programs, and global education. With a spirit of Christian commitment, supported by a broad liberal arts education, graduates of Concordia will intelligently and unselfishly enter challenging avenues of service to church and society.

Campus Address

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Administrative Officers

PRESIDENT.....	Patrick Ferry
EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER.....	Allen Prochnow
ASSISTANT TO THE PRESIDENT FOR GOVERNANCE AND PLANNING	Ross Stueber
SENIOR VICE PRESIDENT OF ACADEMICS.....	William Cario
SENIOR VICE PRESIDENT OF ADVANCEMENT	Duane Hilgendorf
VICE PRESIDENT OF ENROLLMENT SERVICES.....	Kenneth Gaschk
VICE PRESIDENT OF FINANCE AND CHIEF FINANCIAL OFFICER.....	Joan Scholz
VICE PRESIDENT OF INFORMATION TECHNOLOGY.....	Thomas Phillip
VICE PRESIDENT OF MARKETING	Anita Clark
VICE PRESIDENT OF OPERATIONS.....	Michael Besch
VICE PRESIDENT OF STUDENT LIFE	Andrew Luptak
ASSISTANT VICE PRESIDENT OF ACADEMICS	Leah Dvorak
ASSISTANT VICE PRESIDENT OF ACADEMICS	Randall Ferguson
ASSISTANT VICE PRESIDENT OF ADVANCEMENT.....	Roy Peterson
CHAIR, FACULTY SENATE.....	James Burkee

Deans

ARTS AND SCIENCES	Gaylund Stone
BUSINESS AND LEGAL STUDIES	David Borst
EDUCATION.....	Michael Uden
HUMAN SERVICES	Ruth Gresley
STUDENT LIFE.....	Steven Crook

2011-2012 Academic Year

SEMESTER I

August 22-26		Pharmacy Classes Begin
August 27	Sat.	Opening Service
August 29	Mon.	First Day of Classes
September 5	Mon.	LABOR DAY - No Class
September 9	Fri.	Last Day to Add a Regular Semester Class
October 20-21	Thurs.-Fri.	Fall Break-No traditional undergrad. classes
November 4	Fri.	Last Day to Drop a Regular Semester Class
November 23	Wed.	Thanksgiving Vacation - Begins after 4:00 p.m.
November 24	Thurs.	THANKSGIVING DAY
November 28	Mon.	Classes Resume
December 12-16	Mon.-Fri.	Final Examinations Christmas Recess Begins after Last Exam
December 17	Sat.	Graduation (1:30 p.m.)
December 25	Sun.	CHRISTMAS DAY

WINTERIM

January 3	Tue.	Classes Resume - Winterim Begins
January 20	Fri.	Winterim Examinations

SEMESTER II

January 9	Mon.	Pharmacy Classes Begin
January 23	Mon.	Second Semester Begins
February 3	Fri.	Last Day to Add a Regular Semester Class
March 19-23		Spring Recess
March 30	Fri.	Last Day to Drop a Regular Semester Class
April 5-9	Thurs.	Easter break begins after 4:00 p.m.
April 8	Sun.	EASTER
April 9	Mon.	Classes Resume at 4:00 p.m.
April 16-20		Servant Week
May 14-18	Mon.-Fri.	Final Examinations
May 19	Sat.	Graduation (1:30 p.m.)

SUMMER SESSIONS

1 - May 21 to June 8 (No school May 28)	2 - June 11 to June 29	1 - May 21 to June 29 (No school May 30)	2 - June 11 to July 20 (No school July 4)
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Correspondence Directory

Academics	Senior Vice President of Academics
Admission	Vice President of Enrollment Services
Business Affairs and Payment of Fees	Executive Vice President and Chief Operating Officer
Continuing Education	Vice President of Operations
Education Colloquy	Chairperson, Division of Education
General Information and Correspondence	University Relations
Lay Ministry Colloquy	Director of Lay Ministry Placement
Scholarship and Financial Aid	Director of Financial Aid
Student Life	Vice President of Student Life
Transcripts and Academic Reports	Registrar
Web Page Address:	www.cuw.edu

Admission - Traditional Program

GENERAL INFORMATION

Concordia University Wisconsin admits qualified students of any race, color, or national or ethnic origin to all programs and activities and is nondiscriminatory in the administration of its policies and programs.

To be considered for admission to Concordia University Wisconsin a student must be a graduate of a regionally accredited high school or one approved by its state university. Requests for exceptions to this requirement may be submitted by candidates who are otherwise qualified.

ENTRANCE REQUIREMENTS

Each entering student must submit evidence of adequate preparation for college. A minimum of sixteen (16) units of secondary school work is required of which at least eleven (11) should be in basic liberal arts areas and should be distributed as follows:

English: At least three units of English but four are strongly recommended.

Mathematics: Two units of college preparatory mathematics, preferable, one each in algebra and geometry.

Social Studies: Two units in social studies, preferably one each in world history and American history.

Natural Science: Two units of science, preferably, one each in biology, physics or chemistry.

Liberal Arts Electives: Two units of the same foreign language or additional units in one or more of the areas above or in fine arts.

Miscellaneous Electives: Five units from any area of academic study. The student will find it to his/her advantage if the majority of this work is additional work in the areas listed above. German or Latin is recommended for the preseminary student.

Required is a minimum entrance grade point average of 2.5 which is based on at least:

- 3 units of English
- 2 units of Mathematics (Algebra and Geometry)
- 2 units of Science (Biology, Chemistry, Physics)
- 2 units of Social Studies (American History plus one elective)

However, certain programs require a higher grade point average. The University accepts the ESL Academic Report as satisfaction of English language proficiency for international students.

PROCEDURE FOR ADMISSION

An application should be filed during the student's senior year in high school; however, later applications may be considered if space is available. Students may enter at the beginning of any term. The formal application should be forwarded to the Office of Admission and must be accompanied by a check or money order for \$35.00 made payable to Concordia University Wisconsin to cover the application. Upon enrollment this fee is applicable to tuition. This payment is nonrefundable.

The application consists of the following documents and information:

1. The completed application form.
2. Official secondary transcript (6 or more semesters) including test records. A FINAL TRANSCRIPT IS TO BE SUBMITTED AFTER GRADUATION.
3. Official transcript from each college attended.
4. Report of ACT scores from American College Testing Program. Information concerning this program may be obtained by writing American College Testing Program, P.O. Box 168, Iowa City, Iowa 52240, or may be available from the high school guidance department. The SAT (Scholastic Aptitude Test) may be accepted in lieu of the ACT.
5. International students must present a minimum TOEFL score of 173 on the computer based test for regular acceptance. Any International Student who can not present a 173 TOEFL must test through the International Office for placement and may be required to enroll in the ESL program. International students also need to submit two recommendation letters from previous teachers.

DEVELOPMENTAL AND CONDITIONAL ADMISSION

TRANSFER POLICY

Transfer students applying for transfer credit at Concordia University Wisconsin are subject to the following requirements:

They must furnish the Admission Office with an official college transcript from each college attended. They must complete one semester satisfactorily at Concordia University Wisconsin before the award of transfer credit becomes final. Transfer credit may be awarded for each course in which the student received a grade of "C-" or better provided that the course is similar to one being given at Concordia University or is one which could be considered an elective. A student may receive a waiver of a course in which a grade of "D" was received at another college, but credit will not be granted. The Office of the Registrar will issue a statement showing the transfer credit allowed, established on the basis of an individual review of each student's transcripts.

Normally only credits from a regionally accredited institution will be considered for transfer. Any exceptions will be made on an individual basis. In some cases there are articulated agreements that govern the transfer of credits.

Transfer students must take entrance and other examinations in the same way as entering freshmen. Transfer credits are not used in calculating the student's grade point average.

A maximum of 70 semester credits will be accepted in a transfer from a two-year college. A maximum of 90 semester credits will be accepted in transfer from a four-year college/university. Transfer students may be required to submit scores from either the Scholastic Aptitude Test or the American College Test. They may also be required to submit their official high school transcript.

Questions not answered by the above may be addressed to the Registrar.

Graduate and Adult Education undergraduate students are admitted under policies and procedures articulated in their individual catalogs.

Tuition and Fees

Concordia University seeks to keep costs as low as is consistent with sound education requirements and proper provision for the daily needs of the student. Student costs for an education depends also on his/her living and spending habits. Payment of fees is an integral part of the registration. A student will not be fully registered and cannot attend class until full payment of fees has been made. A student will not be permitted to register if previous financial obligations have not been met, nor will any student receive an official statement of credits grades or a degree/diploma if all obligations have not been satisfied.

The University reserves the right to modify fees without advance notice.

REGULAR FEES

Please contact the Admission or Business offices for current tuition and room and board charges.

ROOM AND BOARD FEES

Room fees cover the cost of furniture, utilities and maintenance. Board fees pay for meals in the university dining hall during the regular semester, not including vacations. A room security deposit will be assessed to resident students, refundable under the terms of the housing contract after proper checkout, assuming no damage claims.

Students not enrolled for Winterim may apply for room and board on a pro-rated basis.

SPECIAL FEES

Application Fee and Tuition Deposit

The initial application for admission must be accompanied by a non-refundable fee of \$35.00. This is assessed only on the original application and will be applied to the tuition upon enrollment. An applicant, upon receipt of notification of acceptance, is to forward a tuition deposit of \$100.00. It is non-refundable.

Special Registration Fee

Students who register at any time other than the appointed registration period are assessed a special fee of \$15.00.

Correspondence Study Fee

The course fee for correspondence study is assessed at the current credit rate.

Graduation Fee

A fee is assessed to senior status students to cover graduation expenses, based on the current fee schedule.

Student Government Program Fee

This fee is allocated upon the recommendation of the Student Government Association. The fee is administered by the Board for the support of student organizations, activities, and endeavors. Individuals, groups, and organizations may petition the Student Government Association for funding.

Practicum/Internship Fee

In the fall and spring semester, practicum/internships will be assessed \$60/credits if the semester credits are over 18. If the semester credits are fewer than 18, there is no additional fee. A \$60 per credit fee will be assessed for summer practicum/internships.

Winterim Tuition

Full-time students attending both the fall and spring semesters are entitled to the Winterim offering at the current Winterim fee schedule per credit rate for up to 4 credit hours.

ROOM

Students who choose to live on-campus will be required to sign a per semester room contract and have a room deposit on file. Students must remain on-campus for a minimum of one month and properly check-out of the room with Residence Life staff in order to be eligible for a refund of the room deposit. Students who withdraw from a room after the start of a semester will not receive any refund of the room fee.

BOARD

Students who choose to live on-campus will be required to select a per semester meal plan. Students who withdraw from their room after the start of a semester will be able to receive a pro-rated refund of meal plan fees according to the following schedule (a week runs Monday to Sunday)

During the first week of classes . . . . .	.90 percent
During the second week of classes . . . . .	.80 percent
During the third week of classes . . . . .	.70 percent
During the fourth week of classes . . . . .	.60 percent
During the fifth week of classes . . . . .	.50 percent
During the sixth week of classes . . . . .	.40 percent
During the seventh week of classes . . . . .	.30 percent
During the eighth week of classes . . . . .	.20 percent
During the ninth week of classes . . . . .	.10 percent
During the tenth week of classes . . . . .	.0 percent



STUDENT FINANCIAL AID

Concordia believes that the talents, hopes and ambitions of our students are among the most valuable resources our church and nation possess. With this in mind, Concordia continues to promote scholarship, loan, and employment opportunities for its qualified, deserving students who must find funds to attend college. The fundamental purpose of the financial aid program at Concordia is, therefore, to make it possible for students who would normally be deprived of a college education because of inadequate funds to attend Concordia. The amount of financial aid awarded is based mainly on the applicant's financial need. As a general rule the primary financial responsibility lies with the student and parents. Therefore, in order to help determine student need and make it possible to grant aid fairly, the parents of aid applicants are asked to file the Free Application for Federal Student Aid (FAFSA). On the basis of this financial information, the University is able to determine the difference between University costs and the amount a student and parents can reasonably be expected to provide. This difference is defined as need. If a student is independent according to the Federal Department of Education definition, the student would submit a financial statement without parental information.

GRANTS

The following grants (non-repayable funds) offered at Concordia are based primarily on the undergraduate student's demonstrated financial need.

PELL GRANTS

A federal Pell Grant provides funds to help pay for higher education. Awards range from \$200 to \$5,550 per year. The actual amount the student receives depends on the financial information reported on the Free Application for Federal Student Aid (FAFSA), whether a full-time or part-time student, and the cost of education.

An application must be filed annually through the Office of Financial Aid, Concordia University Wisconsin.

WISCONSIN TUITION GRANT PROGRAM

Wisconsin residents attending Concordia are eligible to apply for the Wisconsin Tuition Grant. The purpose of the grant is "to provide the Wisconsin student with greater freedom of education choice, thus enabling students to follow a path of self-development in harmony with their desires and the welfare of society." The amount of the grant is based on the student's financial need and the tuition at Concordia. Grants range up to \$2,900 per year. An application should be filed BY APRIL 1ST through the Office of Financial Aid, Concordia University Wisconsin.

CUW SCHOLARSHIPS

Concordia does encourage, through scholarships, those students who present a strong composite picture of outstanding academic achievement, unusual diligence, consecrated creativity, and self-sacrificing service. Financial Aid, Ifor

Scholarship Stipulation Scholarship	Church Vocation Scholarship	Music Scholarship	Presidential Scholarship	Regent
application for financial aid required deadline March 15	yes	yes	yes	yes
full-time student status required	yes	yes	yes	yes
program of study	Luth. Social Wk. Pastoral Lay Ministry	theology education parish music	n/a	n/a
minimum high school GPA/ACT	3.0/18	3.25/18	3.60/21	3.0/18
annual amount of scholarship	up to \$1,200	up to \$3,000	up to \$11,000	up to \$7,000
cumulative GPA required for renewal	2.50	2.50	2.50	2.50
other requirements	Lutheran Church Missouri Synod membership	participation in music group	n/a	n/a
contact for possible nomination	no one, nomination is automatic	music department	admissions department	admissions department
nomination deadline	none	January 15	March 15	March 15

Church vocation scholarships are awarded to eligible students regardless of their grade level. The other scholarships are awarded only to persons entering Concordia for the first time. However, the scholarships may be renewed if renewal criteria are met.

SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (SEOG)

A Federal Supplemental Educational Opportunity Grant (FSEOG) is a grant to help pay for education after high school. It is for undergraduates only and it does not have to be paid back.

Awards range up to \$4,000, depending on need, the availability of FSEOG funds, and the amount of other aid the student is receiving.

FAFSA must be filed annually, are not automatically renewed, and should be made through the Office of Financial Aid, Concordia University Wisconsin.

CONCORDIA UNIVERSITY GRANTS - SCHOLARSHIPS

Through the generosity of many friends of Concordia University, numerous endowments have been established. The earnings of which financially assist students on the basis of merit and/or need. These grants and scholarships range from \$100 to \$4000 per year. Additional information about the nature of the endowments and program eligibility is available from the Financial Aid Department.

CONGREGATIONAL GRANTS, Lutheran Church - Missouri Synod

In an indirect way, your congregation is assisting you with your educational expenses. Concordia receives financial support from The Lutheran Church-Missouri Synod of which your congregation is a contributing member. Hence, your tuition at Concordia is about one thousand dollars less than the tuition at most independent colleges.

In addition, many congregations directly assist their students with some educational expenses. Some students receive as much as \$2,000 from their congregation each year; however, the average amount received is closer to \$700.

Concordia encourages you to inquire about possible assistance through your pastor.

DISTRICT GRANTS

Most districts of The Lutheran Church-Missouri Synod, through their Board of Student Aid and/or Recruitment, provide grants to students preparing for a church vocation. Grants, and on occasion loans, are awarded in amounts ranging from \$100 to \$1000 per year. The contact person and address for your district may be obtained from Concordia, your pastor, or the Lutheran Annual. Application deadlines vary by district.

SELF HELP

STUDENT EMPLOYMENT

Campus employment opportunities are available for students who wish to be employed. Generally fifteen hours of work per week should be considered the absolute maximum for full time students. A reasonable amount of employment could possibly improve the scholastic achievement of many students, as well as provide some financial resources for the student. Student employees will be paid via normal pay checks and pay periods. Students interested in on-campus employment can apply via the Falconry web site through the Career Services office. Concordia participates in the Federal Work Study Program, which enhances the opportunities for employment.

LOANS

In some cases it is advisable for students to borrow in order to finance their education, provided they borrow only what is needed to maintain a minimum living standard. Students should use caution in borrowing and generally should not rely primarily on loans. Students who borrow will need to complete a promissory note for a Direct Student Loan via federal web site or from the Financial Aid Office. This loan program allows students to begin repayment after they graduate or after they discontinue their education. No interest accrues for the subsidized loan while the student is enrolled in school as at least a half-time student. Repayment begins six months after the student terminates his education. Interest then begins at an annual rate of 6.8% or less. A Federal PLUS loan is a program for parents. They may borrow up to the cost of education minus any other financial assistance. The interest rate on PLUS is 7.9% with repayment beginning within 60 days after second disbursement. This program operates through Concordia's Financial Aid Office.

VETERANS EDUCATIONAL ASSISTANCE

Concordia University in Mequon is approved as an educational institution at which students may receive veteran's benefits. Prospective students who have been in the Armed Forces should check with their local V.A. office for more complete details. They must file for benefits in Milwaukee if they have made no prior claims. If a claim file has already been established, they should file with that particular V.A. office.

HOW TO APPLY FOR AID

A Free Application for Federal Student Aid (FAFSA) is necessary for application for scholarships, grants, loans, or employment from Concordia. These forms need to be completed annually for possible renewal of financial assistance. The FAFSA is to be completed after January 1 and returned for processing to the address indicated on the FAFSA. Signed copies of you and your parent's previous year's Federal Income Tax Returns are also required if federal verification is required. Within one month after your complete application has been received at Concordia, you will be advised as to the various types of financial assistance for which you are eligible. These include employment, loans, grants, and scholarships administered by Concordia. If you are accepted for admission, a firm financial commitment will be made to you. Students are encouraged to apply as early as they can, applications received by March 30th will receive full consideration for all Concordia assistance which is available. Applications received after that date will be subject to the limitations of available Concordia resources. As a general rule, one half of the grants, scholarships, and loans are applied toward each semester's tuition and fees. If you have any questions or need any forms, write or phone the Financial Aid Office.

FINANCIAL AID GOOD STANDING AND SATISFACTORY PROGRESS POLICY

Concordia University Wisconsin is required to establish and consistently apply standards of good standing and satisfactory progress to all students who receive funds from Title IV programs of federal financial assistance. These standards are applied to all students, in all levels, and in all programs, even to students in periods they are not receiving federal aid. This federal requirement is meant to ensure that only those students who make good progress toward their degree or certificate objective continue to receive financial assistance.

The following policies of good standing and satisfactory progress have an appeal procedure for use by anyone whose financial aid eligibility is terminated as a result of the Financial Aid Good Standing or Satisfactory Progress Policy. Those students affected will receive written notice of the appeal procedure which is detailed in Section E. Both standards of Good Standing and Satisfactory Academic Progress must be met in order for a student to continue receiving financial aid. No part of this policy has an effect on any student's academic record either at this University or any other. Listed below is the financial aid Satisfactory Academic Progress policy, the academic Good Standing is located in the Academic Catalog.

A. Good Standing: A student enrolled in Concordia University Wisconsin is considered in good standing if allowed to continue in that degree or certificate program at Concordia University Wisconsin. Detailed information pertaining to the minimum academic requirements of the University can be obtained by referring to the appropriate section of the University's catalog; this includes both GPA expectations and the maximum length of time to complete a degree for graduate programs. Students who are not in Good Standing with the University academic probationary policies are not eligible to attend Concordia or obtain financial aid.

B. Satisfactory Academic Progress: Satisfactory academic progress is defined as successfully completing cumulative course requirements for a minimum of 67% of the cumulative number credits attempted (this includes transfer credits that are being used towards a students program), thereby making it possible for a student to make good progress toward a degree or certificate objective. "Successfully completing course requirements" is interpreted to mean that a grade of at least D- or P is received by a student. Incompletes, withdrawals/no credits, and audits, are considered unsatisfactory. Students repeating a course will be evaluate on the basis of whether or not the class taken in the given term is passed. However, incompletes, which are later changed into a grade of at least D- or P are satisfactory for Financial Aid Satisfactory Academic Progress policy purposes (please note that D- is only "satisfactory" by financial aid standards not by University academic standards). Progress is also calculated on the basis of, the student having a cumulative GPA of 2.0 or better, this qualitative standard is reviewed again every term. Students repeating a course will have the lower grade omitted for cumulative calculations.

C. Normal Completion Time: As a full time student, your eligibility for financial aid continues for a number of years equal to 150% of the normal completion time for the degree or certificate you are seeking to earn. This is tracked on the basis of the number of credits attempted. Transfer credits that are accepted, and used towards a degree, are included in the 150% criteria. The normal completion time for particular degrees or certificates are as follows (this is calculated in years, based on a student attending full-time each term):

Doctorate in Physical Therapy	3 years	Bachelor's Degree	
		Education	5 years
Master's Degree	3 years	All other programs	4 years
Masters in Occupational Therapy	6 years	Certificate Programs	
		Lay Ministry	4 years
		Medical Assistant	1 year

D. Financial Aid Eligibility Warning Statuses: When a student does not successfully complete a minimum of 67% of cumulative credits earned versus attempted or does not have a CGPA of 2.0, financial aid eligibility status of "WARNING" is imposed. Aid automatically continues through one semester of financial aid eligibility status of "WARNING". If a student does not make satisfactory progress during the semester of financial aid eligibility status of "WARNING", or the student has reached the 150% of normal completion time, the student's eligibility for financial aid in later semesters is terminated. Eligibility can be regained by raising the completion rate of credits attempted to 67% and CGPA to above 2.0, unless terminated for exceeding the 150% of normal completion time. The appeal procedure detailed in Section E exists for those students whose aid eligibility is terminated.

E. Appeal Procedure: Upon receiving a completed Satisfactory Academic Progress (SAP) appeal form from a student whose financial aid eligibility has been terminated according to the provisions of section D, the Director of Financial Aid may reinstate the student's eligibility. The appeal form will be sent to the student who was terminated, by official University delivery, and must be completed by the student and by the student's academic advisor. Students can only appeal this status under one of the following extraordinary circumstances; illness, injury, death of family member or close friend, short term hardship, change of academic major (for completion time extension), or other significant extraordinary circumstance. The appeal must also include evidence that the academic advisor believes that the student can be successful, as well as including a plan from the student detailing what the extraordinary circumstance(s) were/are and their plan to be successful in future terms. Completed appeal forms must be returned to the Financial Aid Office, and will be reviewed by the Director of Financial Aid, or their designee. The outcome of student's appeals will be sent via official University delivery. Students reinstated will be placed on Satisfactory Academic Progress "Probation", and if they do not meet the standards in the next term will be terminated again. In circumstances where a student has appealed and is unable to meet both the 67% completion rate and the 2.0 CGPA requirements for SAP the outcome of the appeal may include an academic plan. This plan which will be created from the SAP appeal process will outline specific criteria that a student must meet during the semesters that this plan covers. Students who do not meet these criteria will be SAP terminated.

F. Tracking Systems: Those students placed on eligibility warning status or whose eligibility for aid has been terminated will have their progress tracked in the next semester. Once satisfactory progress is resumed, full eligibility for aid consideration will be reinstated and the student's name removed from the tracking system. A student's current SAP status is available for review at any time on their CUW portal account.

S CUW

member of the Midwest Wrestling Association, and the remaining sports all participate in the Northern Athletics Conference.

Both the men and women's teams have enjoyed success in their respective conferences. The Falcons have an excellent coaching staff and a rapidly growing, competitive athletic program.

The entire Concordia Athletic Department is governed by the NCAA Division III as of August 31, 1997.

HOUSING

Residence halls at Concordia are in a real sense living/learning centers. They are minicommunities largely directed and managed by students serving in the capacities of Resident Assistants. A Resident Director for each residence hall serves in a supervisory capacity and is responsible to the Director of Residence Life.

The University provides a desk, chair, wardrobe, bed, and micro-fridge. The resident must furnish his/her own desk lamp, blankets, linens, pillows, towels, and toilet articles. Students who desire to stay in University housing should obtain further information from the Office of Residence Life. Each resident must make application for housing and sign a housing contract before taking up residence.

GUIDANCE AND COUNSELING

At Concordia University every student receives personal consideration and attention. Each student receives the benefit of personal academic advising from a specific assigned faculty member. A Director of Counseling supervises the counseling activities on the campus. The director serves as a counselor for students desiring personal counseling. Students are referred to agencies in the community as individual need warrants.

HEALTH SERVICES

The University's concern for holistic growth and general well being of the campus 1 Tf0 Tw ext2i(is4dpus)Tj]TJ4il counybh holiug28

COMPUTING FACILITIES

Concordia University Wisconsin has a number of student computer laboratories available for general usage. Computer lab and e-mail access is free to all CUW students who fill out the appropriate form and agree to abide by the university's ethical use guidelines established for computer users. Laser printing is also free of charge. All of our computers are connected to the internet.

Over 200 current PC's and Mac's are available for student use in six labs and other specified locations on campus. Some labs are open to students 24 hours a day 7 days a week. Concordia's labs provide a variety of popular software application packages.

MAIL SERVICES

Individual mailboxes, located on the lower level of Heidelberg Hall, are provided for all resident students at no charge. The student resident's mailing address (different than the "administration" address) is:

(Student's name)
MB # _____
700 W. Highland Rd. Mequon, WI 53092-3304

Stamp sales and other outbound mailing and shipping services are also available to the campus community in lower Stuenkel Hall.

PLACEMENT

Concordia University appoints several staff members as placement officers as an integral part of its service to students and graduates. Careful efforts are made to match the talents and desires of the student with the special needs of the prospective employer. Academic advisors or program directors considering the career goals of the student will refer the candidate to the appropriate placement officer.

LEARNING RESOURCE CENTER

The Learning Resource Center (LRC) provides a variety of free services that aim to increase students' academic success. The LRC houses tutoring, the Supplemental Instruction program, the Writing Center, and Disability Support Services.

Tutoring – One-to-one tutoring is available for most courses. Tutors are typically upperclassmen who have demonstrated mastery of the course subject matter.

Supplemental Instruction (SI) – SI is an internationally renowned program that facilitates peer-led, structured group study sessions. SI is associated with traditionally difficult courses, and is available to students of all ability levels.

Writing Center – Writing Center consultants work with students at any stage of the writing process. For example, Consultants will work one-on-one with students to generate topic ideas, gather support for the thesis, check documentation formatting, and evaluate the paper for organization and clarity.

Disability Support (t.nm4ilitatcy upper)iO.1522 Ahgani1(t6tcy u-13)124(S110(TJ6TJt)-3r)3

The Office of International Student Services (OISS) & Study Abroad

NATURE AND SCOPE OF THE OFFICE

OISS provides students with opportunities to study away from the Concordia University Wisconsin campuses. Concordia's students are eligible to participate in the Concordia University Systems Visiting Student Program, which allows them to spend a semester or two at another of the system's ten colleges. The Office is also responsible for coordinating and promoting international opportunities for the university community as well as distributing global education grants among students to encourage international study.

MISSION STATEMENT FOR INTERNATIONAL STUDY

The Office of International Study seeks to help students gain a global perspective and develop the ability to interact with people of other cultures within a quality academic program.

ELIGIBILITY FOR GLOBAL EDUCATION GRANTS

The Office of National & International Study will distribute a finite number of global education grants to students who meet, among others, the following qualifications: a full-time student; have earned 60 undergraduate or 21 graduate credits from CUW; be a citizen or permanent resident of the United States; and participate in the international experience for university credit. Please check with the Office of National & International Study or its web page on CUW web site for complete information and/or an application.

Academic Policies

CLASSIFICATION OF STUDENTS

Full-time: Enrolled for 12 or more hours **Part-time:** Enrolled for less than 12 hours

Degree: Seeking an Associate in Arts, a Bachelor of Arts, a Bachelor of Science degree, or a Bachelor of Social Work

Non-Degree: Not seeking a degree

Church Vocation Students: Full-time students who are preparing themselves for one of the church vocations within The Lutheran Church-Missouri Synod and have maintained a grade point average of at least 2.00.

Part-time students are not eligible to participate in intercollegiate competition or to hold any campus office.

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STUDENT COURSE LOAD FOR FULL-TIME STUDENT

	Minimum	Average	Maximum
Regular Semester	12	15	18
Winterim	2	3	4
Summer	3	6	9

ACADEMIC ADVISING

Upon matriculation to the University, each degree student is assigned a faculty/staff member as his/her personal academic advisor. Advisors are constantly kept informed of changes in the curriculum and thus are in a good position to help their advisees make decisions relating to their academic needs. However, it remains the responsibility of the student to ascertain that he or she is meeting all the requirements of the program and for the degree.

The advisor has both the professional training and responsibility to offer sound advice to his/her advisees. All questions relating to a student's academic program at the University should be directed to their academic advisor. Prior to the assignment, additional information about the academic advisor/advisee responsibilities or advising resources may be found on the CUW website at www.cuw.edu.

ACADEMIC ETHICS

Mutual respect and concern for one another in the atmosphere of a Christian caring community is the basic principle which should govern the relationship between student and instructor.

GRADUATION

Concordia University confers the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Social Work on a student of good character who has met the following requirements:

1. accumulated a cumulative grade point average of 2.00 or better for all credited work completed at Concordia.
2. earned a minimum of 36 semester credits of academic work on campus, at least 12 of which should be in the major, and have spent the last two semesters in residence including the one immediately prior to graduation. Residence is defined as registration for course work.
3. filed application for candidacy before registering for the final semester.
4. met all financial obligations to the University
5. every candidate is expected to attend graduation exercises. Requests for excuse in extenuating circumstances should be directed to the Registrar.

Concordia University confers the degree of Associate in Arts on a student of good character who has met the following requirements:

1. a cumulative grade point average of (2.00) or better for all credited work completed at Concordia University.
2. completed all necessary degree requirements for the program in which the student is enrolled.
3. spent at least two semesters in residence, including the one immediately prior to graduation. Evening division degree candidates need not meet residency requirements, but instead must complete a minimum of 18 semester hours of academic work on campus.
4. filed application for candidacy before registering for the final semester.
5. met all financial obligations to the University.
6. every candidate is expected to attend graduation exercises. Requests for excuse in extenuating circumstances should be directed to the Registrar.

Students must be enrolled in sufficient course(s) during their final semester at CUW to anticipate receiving their degree.

WITHDRAWAL FROM THE UNIVERSITY

Students who wish to withdraw from the University during a term must notify the Director of Academic Advising and

The following agencies have accredited various programs of Concordia University Wisconsin:

Accreditation Council for Occupational Therapy Education (ACOTE)
of the American Occupational Therapy Association (Graduate Occupational Therapy)
Commission on Accreditation of Allied Health Education Programs (Undergraduate Medical Assisting)
Commission on Accreditation of Physical Therapy Education (Graduate Physical Therapy)
Commission on Collegiate Nursing Education (Undergraduate & Graduate Nursing)
Council on Social Work Accreditation (Undergraduate Social Work)
Joint Review Committee on Educational Programs in Athletic Training and the commission on
Accreditation of Allied Health Education Programs (Athletic Training Education Program)
Joint Review Committee on Education in Radiologic Technology (Undergraduate Radiologic Technology)
National League for Nursing Accrediting Commission (Undergraduate & Graduate Nursing)
Wisconsin Department of Public Instruction (Undergraduate & Graduate Teacher Education)
Wisconsin State Board of Nursing (Undergraduate Nursing)

THE BACCALAUREATE DEGREE

The curriculum design for the baccalaureate degree normally consists of four parts:

1. The core curriculum - 48 credits
2. A major - minimum of 30 credits

Accounting	Economics	Interior Design	Political Science
Actuarial Science	Elementary Education	International Business	Pre-Seminary Studies
Art	English	Justice & Public Policy	Physical Education (K-12)
Art Education (K-12)	Environmental Studies	Lay Ministry	Psychology
Athletic Training	Environmental Health and	Management	Public Relations
Biblical Languages	Water Quality Technology	Marketing	Radiologic Technology
Biology	Exercise Physiology	Mass Communication	Rehabilitative Science
Biomedical Sciences	Finance	Mathematics	Secondary Education
Business Communication	General Business	Missions	Social Work
Business Education K-12	German	Multimedia Communication	Spanish
Computer Information	Graphic Design	Music	Special Education
Sciences	History	Music Education (K-12)	Sport & Recreation
Computer Science	Horticulture	Natural Science	Management
Chemistry	Humanities	Nursing	Theological Languages
Diagnostic Medical	Illustration	Parish Music	Theology
Sonography	Individualized	Philosophy	
Early Childhood Education	Information Technology	Photography	

Refer to the Table of Contents on page 1 for more information on these majors and minors.

- . A minor - minimum of 18 credits (21 cr. minimum for Education majors). Must be different than major.

Accounting	English
Adaptive Education	English as a Second Language
Art	
Athletic Coaching	
Biology	
Business Communication	
Chemistry	
Christian Thought	
Computer Information	
Sciences	
Computer Science	
Economics	
Educational Studies	

The Narrative Core

In each category, students choose from several courses which satisfy that particular competence.

RESERVE OFFICER TRAINING CORPS

Air Force Reserve Officers Training Corps

Concordia University students have the opportunity to fully participate in the Air Force Reserve Officers Training Corps program. Students enrolled in the Air Force ROTC program attend AFROTC courses at Marquette University.

Through the program, Concordia offers its students the opportunity to prepare for initial active duty assignments as Air Force Commissioned Officers. In order to receive a commission, AFROTC cadets must complete all university requirements for a degree and courses specified by the Air Force. AFROTC offers four-, three-, two-, and one-year programs leading to a commission as an Air Force officer. Four-year program students complete the general military course, the professional officer course, in addition to a four-week summer field training between their second and third years in the program. Two-year students complete only the professional officer course. One-year students complete a seven-week field training session.

AFROTC College Scholarship and Scholarship Actions Programs: These programs provide scholarships to selected students participating in AFROTC. While participating in AFROTC, students receive \$250-400 per month along with paid tuition, fees, and a fixed textbook reimbursement.

For more information, contact the Department of Aerospace Studies at Marquette University (414) 288-7882.

Army Reserve Officer Training Course

Concordia University students have the opportunity to fully participate in the Army Reserve Officer Training Course (AROTC) program. Students in the program attend AROTC courses at Marquette University. This program prepares Concordia University students for commissions in the U.S. Army, Army National Guard, or the U.S. Army Reserve.

There are two program options a four- or two-year program. The four-year program is divided into two phases: the basic course (taken during the freshman and sophomore years) and the advanced course (taken during the junior and senior years). The two-year program is designed for students at four-year institutions who did not take AROTC during the first two years of college, students entering a postgraduate course of study, or students who have prior military service. Students enrolling in the advanced course who have not taken the basic course will begin their training with a five-week paid summer session at Fort Knox called the Leader's Training Course or a one-week program held at Marquette called Accelerated Cadet Commissioning Training.

The Army offers a number of scholarship opportunities to Concordia University students enrolled in the ROTC program. There are two-year, three-year, and four-year active duty scholarships as well as two-year U.S. Army Reserve and National Guard scholarships available. These scholarships are awarded on a competitive basis by the Department of Military Science at Marquette University and can be applied to tuition expenses at Concordia University. In addition to the scholarships, all contracted students in the advanced course receive a \$250-400 monthly stipend.

Prospective students interested in the Army ROTC program are encouraged to visit the Army ROTC website www.8qsions.6281a.university.studmC: the basic

and National Guard scholarships avai

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GD 100 Digital Design I — 3 crs.
 ART 110/111 Design Fundamentals I
 2D Composition — 3 crs.
 ART 131 Photography I — 3 crs.
 ART 145 Drawing for Art Majors — 3 crs.
 ART 210 3D Design — 3 crs.
 ART 230 Printmaking I — 3 crs.
 ART 245 Drawing II — 3 crs.
 ART 258 Ceramics I — 3 crs.
 ART 265 Acrylic Painting — 3 crs.
 ART 275 Sculpture I — 3 crs.
 ART 285 Art History I — 3 crs.
 ART 286 Art History II — 3 crs.
 ART 290-298 Applied Design — 3 crs.
 ART 365 Watercolor Painting — 3 crs.

PHIL 381 Aesthetics — 3 crs.
 ART 450 Senior Portfolio/Show — 1 cr.

ART 401/402 Independent studio work in
 area of concentration

*Choose 6 credits from the following:
 ART 450 Senior Portfolio/Show 4 cr*

ART MINOR (non-licensable) 19 crs.

The Art Minor is chosen by majors from many fields. An art minor is particularly of value to majors in Elementary Education, Early Childhood Education, or Communication. Students pursuing the Art Minor take a variety of studio courses and complete work in art history. In addition to the 48-credit Liberal Arts core requirements, art minors complete the following courses.

ART 110 Design Fundamentals — 3 crs.
 ART 145 Drawing for Art Majors — 3 crs.
 ART 151 Introduction to Studio Art — 3 crs.

ART 210 3D Design — 3 crs.
 ART 285 or 286 Art History I or II — 3 crs.
 ART 290-295 Applied Design — 3 crs.
 ART 450 Senior Show — 1 cr.

ART EDUCATION (K-12) MAJOR 103 - 109 crs.

The Art Education Major consists of 101-107 credit hours of course work, dependent upon whether the student chooses a public school or Lutheran education focus. In both cases coursework blends studio and education courses to fully prepare students for a rewarding career in art education. Upon successful completion of all coursework, including a semester of student teaching, art education majors earn full licensure by the State of Wisconsin to teach art at the elementary and secondary levels (K-12). Program requirements include purchase of a Mac laptop (available at reduced prices via my.cuw.edu). In addition to requirements for the 52-credit K-12 Education core, art education majors complete the following required coursework in the areas of art, education, and art education.

2, .

ILLUSTRATION MAJOR 61 crs.

The Illustration Major consists of 61 credit hours of course work, 18 of which are completed through a cooperative program with the Milwaukee Institute of Art & Design (MIAD). MIAD is just a 25-minute drive from our Mequon Campus and offers the very latest in illustration concepts and technologies. Successful candidates for the Illustration Major should have exceptional drawing ability. In addition to the 48-credit Liberal Arts core and required courses listed below, all Illustration Majors must complete requirements for a minor. A Business or Marketing Minor is strongly recommended to help students develop the skills they will need to channel their talents into a successful career. Program requirements include purchase of a Mac laptop (available at reduced prices via my.cuw.edu). *For specific information about MIAD courses please visit the MIAD website at www.miad.edu.*

ART 111 2D Composition I		ART 401 Independent Studio Work — 3 crs.
ART 110 Design Fundamentals	3 crs.	ART 402 Independent Studio Work — 3 crs.
ART 131 Photography I	3 crs.	<i>Any other studio art course as approved by advisor</i>
ART 145 Drawing for Art Majors	3 crs.	
GD 110 Graphic Design I	3 crs.	DS 210 Illustration I — 3 crs.
GD 111 Graphic Design II	3 crs.	DS 211 Illustration II — 3 crs.
ART 210 3D Design	3 crs.	DS 212/213 Illustration Media — 3 crs.
ART 230 Printmaking I	3 crs.	DS 214 Figure Drawing for Illustrators — 3 crs.
ART 245 Drawing II	3 crs.	DS 215 Advanced Figure Drawing for Illustrators — 3 crs.
ART 265 Acrylic Painting	3 crs.	AH 213 History of Modern & Contemporary Design — 3 crs.
ART 285 Art History I	3 crs.	
ART 286 Art History II	3 crs.	
ART 345 Drawing III	3 crs.	
ART 450 Senior Show/Portfolio	1 crs.	

INTERIOR DESIGN MAJOR 46 crs.

The Interior Design Major consists of course work completed through a cooperative program with Milwaukee Area Technical College (MATC). MATC-Mequon Campus is just a 5-minute drive from Concordia and offers tounique choices to prepare students for an exciting career designing residential and commercial interiors; Interior Design Foundations and Interior Design Specializations. In addition to the 48-credit Liberal Arts core requirements (completed on the Concordia Campus) and required courses listed below, all interior design majors must complete requirements for a minor. To develop skills necessary for the most successful career, an Art or Business minor is strongly recommended. Students selecting the Business Minor should work closely with their advisor regarding appropriate core source choices.

For specific information about MATC courses, please visit the MATC website at <http://oncampus.matc.edu/catalog/index1.htm>.

INDSGN-100 Introduction to Interior Design	- 3 crs.
INDSGN-102 Basic Architectural Drawing	- 3 crs.
INDSGN-104 Interior Elements of Building Construction	- 3 crs.
INDSGN-106 Interior Design Process	- 2 crs.
INDSGN-108 Residential Studio	- 3 crs.
INDSGN-110 Advanced Architectural Drawing	- 3 crs.
INDSGN-112 Textiles: Science, Application and Design	- 3 crs.
INDSGN-114 Color and Light	- 3 crs.
INDSGN-116 Kitchen and Bath Design	- 3 crs.
INDSGN-118 Commercial Studio	- 3 crs.
INDSGN-120 Professional Practice and Field Experience	- 3 crs.
INDSGN-122 Styles of Furniture and Architecture	- 3 crs.
INDSGN-124 Advanced Commercial Studio	- 3 crs.
INDSGN-126 Trends in Interior Design	- 2 crs.
INDSGN-128 Designer/Client Relationships	- 3 crs.
INDSGN-130 Portfolio Development and Application	- 3 crs.

ART 111 2D Composition

COMM 105 Public Speaking
(taken in Narrative Core) -- 3 crs.
COMM 460 Cross Cultural Communication
(taken as Culture in Narrative Core) -- 3 crs.
COMM 201 Interpersonal Communication -- 3 crs.

COMM 265 Journalism -- 3 crs.
COMM 280 Careers in Communication -- 3 crs.
COMM 385 Interviewing Principles -- 3 crs.
COMM 470 Internship -- 3 crs.
COMM 490 Senior Seminar -- 3 crs.

THE BUSINESS COMMUNICATION MAJOR OR MINOR * - not required for Minor

The *Business Communication Major* (40 credits) is fulfilled by taking the following courses plus the 18 credit Communication Core. The *Business Communication Minor* (21 credits) is earned by completing each of the classes in this list.

COMM 191* Beacon -- 1 cr.
COMM 205 Advanced Public Speaking -- 3 crs.
COMM 247 Business Writing -- 3 crs.
COMM 300 Group Dynamics -- 3 crs.
COMM 333 Servant Leadership
COMM 354 Gender and Communication -- 3 crs.

COMM 380 Organizational Communication -- 3 crs.
COMM 385 Interviewing Principles (taken in COMM Core; required for Minor) -- 3 crs.
COMM 390 Conflict Management -- 3 crs.
BUS 130* Principles of Management -- 3 crs.

MASS COMMUNICATION MAJOR OR MINOR * - not required for Minor

The *Mass Communication Major* (39 credits) is fulfilled by taking the following courses plus the 18 credit Communication Core. The *Mass Communication Minor* (21 credits) is earned by completing each of the classes in this list.

COMM 191*/193* Beacon * WCUW
(at least 1 credit each) -- 3 crs.
COMM 250 Intro to Mass Communication -- 3 crs.
COMM 321 Media Writing -- 3 crs.
COMM 329 Film History
COMM 371 Philosophy & Film -- 3 crs.
COMM 339 Film and Video Production
COMM 351 Radio Production -- 3 crs.

COMM 270 Sports Journalism
COMM 439 Advanced Film & Video Production
COMM 347 Animation -- 3 crs.

Elective Majors and Minors should choose 3 credits from COMM 205 or COMM 325. Minors select one more 3 credit elective not already taken from: COMM 270, COMM 329, COMM 339, COMM 347, COMM 351, COMM 371, or

MULTIMEDIA MAJOR OR MINOR

The *Multimedia Major* (39 credits plus ART 110/ART 111) is fulfilled by taking the following courses plus the 18 credit Communication Core. The *Multimedia Minor* (21 credits) is earned by completing each of the classes in this list.

ART 110 Design I (2 Dim Design)
ART 111 2-D Design
(each fulfills Creative Arts requirement in Distributive Core) -- 3 crs.
COMM 322 Multimedia Design -- 3 crs.
COMM 339 Film and Video Production -- 3 crs.
COMM 347 Animation -- 3 crs.

COMM 348 Multimedia Production -- 3 crs.
COMM 439 Advanced Film & Video Production -- 3 crs.
COMM 448 Advanced Multimedia Production -- 3 crs.
ELECTIVE Choose from: ART 131, ART 231, COMM 329, GD 100, GD 110, GD 360, MIAD DS 330, or 3 credit Multimedia Internship -- 3 crs.

PUBLIC RELATIONS MAJOR OR MINOR * - not required for Minor

The *Public Relations Major* (40 credits) is fulfilled by taking the following courses plus the 18 credit Communication Core. The *Public Relations Minor* (21 credits) is earned by completing each of the classes in this list.

GD 100 Digital Design Fundamentals
GD 110 Graphic Design I (each fulfills Creative Arts requirement in Distributive Core) -- 3 crs.
COMM 191* Beacon -- 1 cr.
COMM 205 Advanced Public Speaking -- 3 crs.
COMM 223 Public Relations -- 3 crs.

COMM 300 Group Dynamics -- 3 crs.
COMM 321 Media Writing -- 3 crs.
COMM 323 Intermediate Public Relations
COMM 423 Advanced Public Relations -- 3 crs.
GD 360 Web Design I -- 3 crs.

Computer Science

Computer science is the foundation of 21st century technology. From movies to music, from automobiles to virtual zones, computer scientists create the technology that empowers society. Computer science is problem solving. The computer scientist is a person who is concerned with creating computer systems, with an emphasis on software, which will assist other people in solving problems. The computer scientist is proficient with current software applications and hardware technologies; however, more importantly, the computer scientist possesses a deep understanding of the concepts underlying current computer technology. The computer scientist is chiefly concerned with algorithms general methods of solving problems. Computer scientists must be creative; they must be able to discover innovative ways to apply problem solving techniques to new and diverse situations. The computer science program offers a number of majors and minors in order to match student interests and abilities with meaningful vocations. See www.cuw.edu for the latest information on the Computer Science programs. Many CSC courses are offered in an online format via the web. Note that CUW offers graduate degrees in the Computer Science program also.

COMPUTER SCIENCE MAJOR 55 crs.

The BS degree program in Computer Science is designed for students who want to create software and design computer systems. Students interested in graduate school or working for software development firms should pursue this degree. This program provides students with a deep understanding of creating algorithms, programming, and heuristic problem solving. This program prepares students for vocations such as software engineer, network developer, database administrator, application developer, computer scientist, researcher, and graduate student. The computer science student should begin the Computer Science major program with a strong high school background in Mathematics, Science, and English.

MATH: MATH 197 Applied Calculus I, MATH 201 Calculus I
Lab Science: Any 4 credit Physical Science course

Any 4 credit Physical Science course
(not included in the Core above)
MATH 205 Statistics I — 3 crs.
MATH 220 Discrete Mathematics — 3 crs.
PHIL 211 Elementary Logic — 3 crs.
SCI 303 Cosmogony — 3 crs.
CSC 150 Foundations of Computer Science — 3 crs.
CSC 175 Advanced Software Applications — 3 crs.
CSC 250 Computer Science Theory and Practice I — 3 crs.
CSC 300 Computer Science Theory and Practice II — 3 crs.
CSC 325 Computer Organization and Architecture I — 3 crs.
CSC 350 Computer Operating Systems — 3 crs.
CSC 370 Software Engineering — 3 crs.
CSC 450 Systems Software — 3 crs.
CSC 470 Programming Languages — 3 crs.
CSC 490 Senior Seminar I — 3 crs.
CSC 491 Senior Seminar II — 3 crs.
additional 300 level or above CSC courses; consult with your advisor for approval

COMPUTER SCIENCE MINOR 24 crs.

Computer Science is the study of computerized problem solving. A computer science minor is an excellent supplement to any major as it enhances the student's problem solving skills and abilities. People who understand computer science concepts are in great demand in our present information age. Note that a business major and a computer science minor is equivalent to an "MIS" degree offered at many institutions.

CSC 150 Foundations of Computer Science — 3 crs.
CSC 175 Advanced Software Applications — 3 crs.
CSC 200 Foundations of Programming — 3 crs.
CSC 250 Computer Science Theory and Practice I — 3 crs.
CSC 325 Computer Organization and Architecture I — 3 crs.
CSC 370 Software Engineering — 3 crs.
(choose any two 3-credit upper division Computer Science courses as electives)

INFORMATION TECHNOLOGY MAJOR 42 crs.

The BA degree program in Information Technology is designed for students who are interested in specifying, managing and configuring technology for their organization. An IT graduate responds to the practical, ongoing demands of a business for computing resources. Because all organizations utilize technology, the IT graduate solves problems by supporting the business and other employees in their quest for information. This program prepares students for vocations such as system administrator, technologist, system trainer, technical marketing, computer support specialist, communications engineer, telecommunications specialist, computer operations and data center director. OLOAO 42

CSC 150 Foundations of Computer Science -- 3 crs.
CSC 175 Advanced Software Applications -- 3 crs.
CSC 180 Readings in Science and Technology -- 3 crs.
CSC 200 Foundations of Programming -- 3 crs.
CSC 325 Computer Organization and Architecture I -- 3 crs.
CSC 370 Software Engineering -- 3 crs.
CSC 410 Ethical Computing -- 3 crs.
CSC 491 Senior Seminar II -- 3 crs.
PHIL 211 Elementary Logic -- 3 crs.
SCI 303 Cosmogony -- 3 crs.

(Additional 300 level or above CSC courses; consult with your advisor for approval)

English

ENGLISH MAJOR 39 crs. (Does not apply to Education students)

ENG 305 English Grammar and Usage — 3 crs.
 ENG 365 English: Its Cultural Development — 3 crs.
 (Select one)
 ENG 245 Advanced Writing — 3 crs.
 ENG 246 Creative Writing — 3 crs.
 ENG 341 American Literature I — 3 crs.
 ENG 342 American Literature II — 3 crs.
 ENG 344 English Literature I — 3 crs.
 ENG 345 English Literature II — 3 crs.
 ENG 465 Shakespeare — 3 crs.
 ENG 475 Literary Criticism — 3 crs.
 ENG 495 Senior Seminar — 3 crs.

WRITING EMPHASIS MINOR 18 crs.

ENG 305 English Grammar and Usage — 3 crs.
 ENG 365 English - Its Cultural Development — 3 crs.

ENGLISH MINOR 18 crs. (Does not apply to Education students)

ENG 305 English Grammar and Usage — 3 crs.
 ENG 365 English: Its Cultural Development — 3 crs.
 (Select one)
 ENG 245 Advanced Writing — 3 crs.
 ENG 246 Creative Writing — 3 crs.
 ENG 341 American Literature I — 3 crs.
 ENG 342 American Literature II — 3 crs.
 ENG 344 English Literature I — 3 crs.
 ENG 345 English Literature II — 3 crs.

ENG 245 Advanced Writing — 3 crs.
 ENG 246 Creative Writing — 3 crs.
 ENG 350 Classical and Modern Rhetoric — 3 crs.
 ENG 251 Practicum in Writing Consultation — 3 crs.

Health and Human Performance

ATHLETIC COACHING MINOR 29 crs.

HHP 100 Introduction to Lifetime Fitness — Core
 OR HHP 254 Foundations of Fitness (replaces
 HHP 100 for Physical Education majors)
 BIO 275 Anatomy & Physiology I with Lab — 4 crs.
 HHP 209 First Aid and CPR — 2 crs.
 HHP 272/273 Introduction to Athletic Training
 with Lab — 3 crs.
 HHP 275 Administration and Organization of Physical
 Education and Athletics — 3 crs.
 HHP 280 Psychology of Sport — 3 crs.
 HHP 371 Exercise Physiology — 3 crs.
 HHP 373 Motor Development — 3 crs.
 HHP 375 Biomechanics — 3 crs.

Choose two of the following:
 HHP 281 Theory & Techniques of Coaching Softball
 HHP 282 Theory & Techniques of Coaching Basketball
 HHP 284 Theory & Techniques of Coaching Football
 HHP 286 Theory & Techniques of Coaching Track & Field
 HHP 287 Theory & Techniques of Coaching Soccer
 HHP 288 Theory & Techniques of Coaching Volleyball
 HHP 290 Theory & Techniques of Coaching Wrestling
 HHP 490 Coaching Practicum — 1 - 3 crs.

ATHLETIC TRAINING EDUCATION MAJOR**Undergraduate Athletic Training Education Program****GENERAL ACADEMIC INFORMATION**

The undergraduate Athletic Training Education Program (ATEP) at Concordia University Wisconsin (CUW) is an accredited entry-level Athletic Training Education Program. The objective of this program is to prepare graduates to enter a variety of employment settings and to render health care to a wide spectrum of individuals engaged in physical activity.

The undergraduate ATEP at Concordia University Wisconsin is designed to facilitate the athletic training student in meeting all of the requirements set forth by the Board of Certification (BOC) and Commission on Accreditation of Athletic Training Education (CAATE) for an accredited program, as well as the graduation requirements of Concordia University Wisconsin. Meeting the BOC and CAATE requirements will allow the athletic training student to take the BOC examination. To practice professionally as an athletic trainer, one must pass the BOC Computer Based Examination. The ATEP is also an excellent adjunct for other health or medical programs such as physical therapy, physician assistant or medical school.

There are two parts to the ATEP: classroom education and clinical education. The following outlines the requirements of the ATEP at Concordia University Wisconsin.

1. Classroom education: Our curriculum has 88 or 89 credits associated with it and will be the base of the educational component.
2. Clinical Education: Our clinical component will have sophomores performing 4 week clinical assignments; juniors performing 6 week clinical assignments; and seniors completing a full semester/year clinical internship. Each student will be exposed to a variety of clinical settings.

TECHNICAL STANDARDS FOR THE ATHLETIC TRAINING EDUCATION PROGRAM

Students in the Athletic Training Education Program (ATEP) at Concordia University Wisconsin should have the stamina and strength to endure the rigors of athletic training. The technical standards in the ATEP are part of the admittance into the program and meet the expectations of the program's accreditation agency (CAATE). The following abilities and expectations must be met by all students admitted to the ATEP. In the event that a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Applicants for selection to the ATEP must demonstrate:

1. The ability to maintain CPR certification and be tested for tuberculosis annually while enrolled in the program.
2. Submission of a physical prior to acceptance into the program; this should include immunizations received i.e. hepatitis B, measles, mumps, rubella, tetanus, and diphtheria.
3. The physical capacity to handle the day-to-day rigors of athletic training; i.e. physicals, evaluations, therapeutic exercise, weather extremes, and sport camps.
4. The ability to critically think and problem solve, as it relates to the assessment of the injured and ill.
5. The ability to communicate effectively in both the verbal and in written form; i.e. awareness of and sensitivity to various cultures and social backgrounds, and documentation in medical records and forms.
6. Professional behavior while representing the ATEP; i.e. dress code, attitude, communication, and collegiality.
7. The ability to act and react appropriately to various stressful and changing situations in athletic training.
8. A commitment to progress as sequenced and completion of the ATEP.
9. A genuine concern for others associated with the ATEP and the patients served.
10. The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessments and therapeutic judgments, and to be able to distinguish deviations from the norm.
11. Sufficient postural and neuromuscular control, sensory function and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients.
12. The ability to record the physical examination results and treatment plan clearly and accurately.
13. The ability to adjust to changing situations and uncertainty in clinical situations.
14. Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.
15. A respect for the LCMS doctrine and other religious beliefs.
16. The understanding that athletic training can be an inherently dangerous when around athletic practices and events. Therefore, each athletic training student must carry health insurance in the case of any injuries that may occur.

Applicants to the ATEP will be required to verify they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

If a student determines that he/she can meet the technical standards with an accommodation, then the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review of the accommodations and that they are reasonable, taking into account whether the accommodation would jeopardize clinician/patient safety, or the educational process of the student or the institution, including all coursework, clinical experiences and internships deemed essential to graduation.

ATHLETIC TRAINING MAJOR 88 or 89 crs.

BIO 276 Principles of Anatomy & Physiology II — 4 crs.

┆ BIO 281 Anatomy & Physiology II or Functional Anatomy II — 4 crs.

** BIO 285 Pathophysiology — 3 crs.

┆ BIO 470 Advanced Human Physiology - 4 crs.

**

RETENTION POLICY

1. Maintain a Cumulative Grade Point Average (CGPA) of 2.75 in major course work.
2. Maintain a CGPA of 2.50 in all course work.
3. Must pass all Practicum courses with a grade of a B or higher.
4. Make satisfactory progress towards fulfillment of all educational competencies.
5. Maintain required/scheduled clinical experience hours every semester.
6. Subjective personal characteristics must be consistently demonstrated (i.e. respect, responsibility, honesty, etc).
7. Must follow all ATEP Policies and Procedures

If a student fails to maintain any portion of the retention policy, that student will be placed on probation and have the following semester to improve towards the required retention policy standards. If the student fails to meet the retention policy requirements the following semester, he/she will forfeit their place in the program and will be terminated from the ATEP. (See the probationary policy for clarification). If such student fails to improve towards the retention policy requirements and is terminated from the ATEP, this student will have one year to acquire the required retention policy standards while terminated. If such student meets the required retention policy during their year of termination, this student will have the opportunity to join the class level she/he was terminated from. If such student does not meet the retention policy requirements in the future, the student will be permanently terminated from the ATEP.

GRADUATION REQUIREMENTS

Concordia University confers the degree of Bachelor of Arts, Bachelor of Science or Bachelor of Social Work on a student in good character who must have met all the requirements listed here:

1. Accumulated a cumulative grade point average of 2.00 or better for all credited work completed at Concordia (university standard). The Athletic Training Education Program has a 2.50 cumulative grade point average for all credited work and 2.75 cumulative grade point average for all . 9ive grade0 com.g40sgrade point average of 2. student credit work and 2.50 cumulative grade point average of 2. student credit work and 2.75 cumulative grade point average of 2. student credit work and 2.75 cumulative grade point average of 2.

EXPH 480 Designing Resistance Training Program — 3 crs.
EXPH 494 Exercise & Chronic Disease — 3 crs.
MATH 205 Statistics — 3 crs.
PHIL 350 Bioethical Dilemmas — 3 crs.
EXPH 495 Senior Seminar — 3 crs.
and/or EXPH 460 Internship (3-6 cr.)

BIOL 470 Human Physiology — 4 crs.

CHEM 141 General Chemistry I — 4 crs.
CHEM 142 General Chemistry II — 4 crs.
PHYS 151 General Physics I — 4 crs.
PHYS 152 General Physics II — 4 crs.

GERMAN MAJOR 34 crs.

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SPANISH MAJOR (Non-Education) 33 crs.

SPAN 201 Intermediate Spanish I — 3 crs.
 SPAN 202 Intermediate Spanish II — 3 crs.
 SPAN 301 Conversation & Composition — 3 crs.
 SPAN 307 Applied Linguistics — 3 crs.
 SPAN 331 Advanced Grammar & Composition — 3 crs.
 SPAN 490 Seminar/Capstone — 3 crs.
 Upper level electives in Spanish — 15 crs.

A semester or summer of study abroad is also required for a major.

Required courses for the major may be fulfilled during study abroad. Span 101 and Span 102 do not count toward the major.

SPANISH MINOR (Non-Education) 24 crs.

SPAN 201 Intermediate Spanish I — 3 crs.
 SPAN 202 Intermediate Spanish II — 3 crs.
 SPAN 301 Conversation & Composition — 3 crs.
 SPAN 307 Applied Linguistics — 3 crs.
 SPAN 331 Advanced Grammar & Composition — 3 crs.
 Upper level electives in Spanish — 9 crs.

Span 101 and Span 102 do not count toward the minor.

Music

MISSION STATEMENT

The CUW Music Department contributes to the spiritual, artistic, cultural, academic and co-curricular life aspects to campus life at the University. In doing so, the faculty is committed to blending talent and fellowship to the highest degrees of professional artistry in praise of the Lord's name. We additionally hope to impact our surrounding community while fulfilling our mission.

AUDITION PROCEDURES FOR ALL MUSIC MAJORS

To gain degree-seeking status as a music major, a student must:

1. Successfully pass the following:
 - a. Qualifying audition with performance of two contrasting works on his/her principal instrument (to be completed at the end of two semesters of study);
 - b. For vocalists, aural examination of sight-reading, and tonal memory ability.
 - c. For instrumentalists, sight reading and scales.
2. Prepare a portfolio for musical activities (solo and ensemble) and examples of music course work. This portfolio is to be :
 - a. Presented at the time of the audition;
 - b. Returned to the student for additions to be made throughout the student's undergraduate career;
3. Transfer students will have their transcripts evaluated by the music faculty for determination of credited coursework and hours.
4. The deadline for auditioning is the end of the 2nd semester from the time of declaration. There are three possible results for an audition:
 - a. Active - This grants formal acceptance into upper division status.
 - b. Provisional - A repeat of the audition is requested by the Faculty at the end of the next semester to show more progress.

Fail - The student is not accepted as a music major.

PARISH MUSIC PROGRAM (LCMS Rosterable) 53 crs.

Common Core:

Bible Content: REL 201 Old Testament -- 3 crs.

Christian Doctrine: REL 204 Biblical Theology -- 3 crs.

Narrative Core:

Communications: COMM 201

Interpersonal Communications -- 3 crs.

Elective Core:

Creative Arts: Participation in musical ensembles -- 3 crs.

MUS 180 Chapel Ringers

MUS 181 Wind Ensemble

MUS 182 Concordia 5(h0rae)]TJ/ Span<ActualTextFEFF0009>BDC -4.263 -1.053 Td()TjEMC 1.263 0 Td((MUS 1824 Kamme

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BIOLOGY MAJOR 60 crs.

CHEM 141 General Chemistry I

MATH 205 Statistics I

PHIL 240 Environmental Ethics I

PHIL 350 Bioethical Dilemmas in Contemporary
Society I SCI 303 Cosmogony

PSY 101 General Psychology

CHEMISTRY MINOR 23 - 24 crs.

A chemistry minor is offered to students in a secondary education curriculum, but may be of interest to other students who desire a more in-depth understanding of the importance of chemistry in today's technological world. Students are expected to have a mastery of the concepts covered in MATH 121. The chemistry minor must take the following:

CHEM 141 General Chemistry I — 4 crs.
CHEM 142 General Chemistry II — 4 crs.
CHEM 241 Organic Chemistry I — 4 crs.

CHEM 242 Organic Chemistry II — 4 crs.
CHEM 325 Analytical Chemistry - 4 crs.

ENVIRONMENTAL HEALTH AND WATER QUALITY TECHNOLOGY MAJOR 44 crs.

The Environmental Health and Water Quality Technology Major consists of 50 credit hours of course work completed through a cooperative program with Milwaukee Area Technical College (MATC). MATC-Mequon Campus is just a 5-minute drive from Concordia. In addition to the CUW Liberal Arts core requirements and required courses listed below, all environmental and pollution control technology majors must complete requirements for a CUW Minor. Required core courses may be taken at either MATC or CUW.

For specific information about MATC courses and degree requirements, please visit the MATC website at <http://oncampus.matc.edu/catalog/index1.htm>.


ENVHEL 101 Introduction to Environmental Health — 2 crs.	ENVHEL 111 Water and Wastewater Analysis — 4 crs
ENVHEL 102 Environmental Biology — 4 crs.	ENVHEL 115 Air Pollution Technology — 4 crs
ENVHEL 109 Applied Environmental Chemistry — 4 crs.	ENVHEL 146 Water/Wastewater Operations - Industrial — 3 crs.
ENVHEL 142 Principles of Water Resources — 3 crs.	ENVHEL 105 Fundamentals of Hazardous Materials Control — 4 crs
ENVHEL 145 Water/Wastewater Operations - Municipal — 3 crs.	ENVHEL 119 Food and Dairy Quality Control — 3 crs.
ENVHEL 173 Environmental Bacteriology — 3 crs.	ENVHEL 143 Interpersonal Communication Skills and Environmental Management — 3 crs.
ENVHEL 104 Industrial Hygiene Technology — 4 crs.	

ENVIRONMENTAL SCIENCE STUDIES MINOR 23 - 24 crs.


BIO 140 General Biology I or SCI 150 — 4 crs.	CHEM 105 Elements of General and Biological Chemistry — 4 crs.
BIO 256 Environmental Science — 4 crs.	SCI 135 Earth Science — 4 crs.
BIO 410 Ecology — 4 crs.	Elective subject to Science Faculty approval — 3 - 4 crs.

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PHIL 240 Environmental Ethics
MATH 205 Statistics



SCI 135 Earth Science
LEGL 230 Environmental Law
BIO 367 Ecology of the Tropics

PHYSICS AND CHEMISTRY COURSES

PHYSICS COURSES 2

PHYS 151 Physics I — 4 crs.

PHYS 152 Physics II — 4 crs.

CHEM 141 General Chemistry — 4 crs.

CHEM 142 General Chemistry — 4 crs.

Electives subject to Science Faculty approval — 8 crs.

PHYSICS COURSES 1

PHYS 107 Astronomy — 3crs.

SCIENCE MINOR 23-24 crs.

This minor is not available to students majoring in Environmental Studies or Natural Science.

BIO 140 General Biology I or SCI 150 — 4 crs.

BIO 146 Anatomy and Physiology — 4 crs.

BIO 256 Environmental Science — 4 crs.

CHEM 105 Elements of General and
Biological Chemistry — 4 crs.

SCI 135 Earth Science — 4 crs.

Elective Subject to Science Faculty approval — 3 - 4 crs.

PSYCHOLOGY MAJOR 36 crs.

A cumulative GPA of 2.75 and a 3.0 in psychology should be attained in order to enroll in any 300/400 level course.

COMM 105 Public Speaking

MATH 205 Statistics I

BIO 146 Essentials of Anatomy and Physiology

PSY 205 Theories of Learning -- 3 crs.

PSY 101 General Psychology — 3 crs.

Development Course (any one) — 3 crs.

PSY 221 Child Development

PSY 222 Adolescent Development

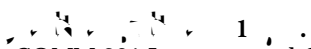
PSY 223 Adult Development

PSY 230 Lifespan Development

PSY 201 Interpersonal Communication — 3 crs.



REL 201 Old Testament – 3 crs.
REL 204 Biblical Theology – 3 crs.
REL XXX Theology Elective – 3 crs.



COMM 201 Interpersonal Communication – 3 crs.
HHP 209 First Aid and CPR – 2 crs.
REL 233 Communicating Bible Messages – 3 crs.
REL XXX Theology Elective I – 3 crs.
REL XXX Theology Elective II – 3 crs.

LAY MINISTRY CERTIFICATION COMBINED WITH RELATED MAJORS

Students who have fulfilled a major in a field compatible with lay ministry, such as parish music, parish nursing, and social work, and who wish to be certified as lay ministers, may be certified after completing the lay ministry minor (see below).LAY MINse5 y m

MISSIONS MAJOR 30 crs.

Required Courses

Bible Content: REL 201 Old Testament
Christian Doctrine: REL 204 Biblical Theology
Theology Elective: REL 210 The Great Commission

Elective Courses - 2

COMM 460 Cross Cultural Communication -- 3 crs.
REL 203 New Testament -- 3 crs.
REL 215 Friendship Evangelism -- 3 crs.
REL 298 Faith and Culture -- 3 crs.
REL 311 Church in Mission -- 3 crs.

REL 316 World Missions I -- 3 crs.
REL 326 World Missions II -- 3 crs.
REL 410 World Religions -- 3 crs.

Recommended Courses

ANTH 201 Cultural Anthropology -- 3 crs.
GEOG 220 Cultural Geography -- 3 crs.
GEOG 248 India: People, Cultures, & Traditions -- 3 crs.
HIST 241 Introduction of Latin America -- 3 crs.
HIST 246 History of Japan -- 3 crs.
REL 416 The Practice of Missions (missions trip) -- 3 crs.
SPAN 101 Beginning Spanish I -- 4 crs..

PHILOSOPHY MINOR 24 crs.

REL 201 The Old Testament (Bible Content) — 3 crs.
 REL 204 Biblical Theology (Christian Doctrine) — 3 crs.
 REL XXX Theology elective — 3 crs.
 PHIL 201 Introduction to Philosophy (narrative core;
 philosophical foundations) —3 crs.
 (double-dipped with minor, but not with major)

PHIL 201 Introduction to Philosophy—3 crs.
 (double-dipped with core)

PHIL 250 Moral Philosophy—3 crs.

PHIL 211 Elementary Logic

PHIL 325 Christian Apologetics—3 crs.

REL 203 The New Testament (to complete the
 pair with REL 201 in the core)—3 crs.

PHIL 240 Environmental Ethics — 3 crs.

PHIL 309 History & Philosophy of Science — 3 crs.

PHIL 311 The Christian Mind — 3 crs.

PHIL 325 Christian Apologetics (if not used as
 the logic course above) — 3 crs.

PHIL 333 C. S. Lewis: His Life and
 Christian Philosophy — 3 crs.

PHIL 334 Christ and Culture — 3 crs.

PHIL 343 The Chronicles of Narnia
 and Philosophy — 3 crs.

PHIL 350 Bioethical Dilemmas in
 Contemporary Society — 3 crs.

PHIL 370 Philosophy of the Mind — 3 crs.

PHIL/COMM 371 Philosophy and Film — 3 crs.

PHIL/COMM 372 The Lord of the Rings
 and Philosophy — 3 crs.

PHIL/ART 381 Aesthetics — 3 crs.

PHIL 400 Ancient Philosophy — 3 crs.

PHIL 411 Advanced Logic — 3 crs.

PHIL 450 Modern Philosophy — 3 crs.

ENG 475 Literary Criticism — 3 crs.

Independent Study (can be used for capstone
 course for individualized major) — 3 crs.

THE PRE-SEMINARY PROGRAM

The pre-seminary program provides academic preparation in the liberal arts for professional study for full-time pastoral ministry in the Lutheran Church—Missouri Synod. Following the earning of the baccalaureate degree, the pre-seminary student continues his program of study at Concordia Seminary, St. Louis, or Concordia Theological Seminary, Fort Wayne. The mission of pre-seminary education is to prepare students for theological studies and pastoral formation at a seminary of the Lutheran Church—Missouri Synod. This preparation ordinarily encompasses biblical knowledge, biblical language competency, and understanding of Lutheran doctrine; competency in communication skills in reading, writing, speaking, and listening; skills in critical thinking and philosophical inquiry; acquisition of a global perspective; the understanding of and appreciation for the Lutheran ethos, identity, and ethic; and helping the student to perceive, proclaim, teach, and live out the centrality of the Gospel of Jesus Christ for the whole world.

Pre-seminary students are strongly encouraged to include two majors in their studies: theological languages and pre-seminary studies. These majors are designed to prepare students for the seminary competency examinations in the Old Testament, New Testament, Christian Doctrine, Greek, and Hebrew. These majors also include broader liberal arts studies in German or Latin, communication, writing, social science, and philosophy, all of which are helpful for theological study on a graduate level. In special cases, students in the pre-seminary program may choose other majors and minors, but must always include at least a minor in theological languages.

Application for Entry into the Pre-Seminary Program

Since the public ministry of Word and Sacrament is an office of the Church of Christ, it demands individuals exhibiting the highest level of talent, personal knowledge, aptitude, skill, and Christian character. For this reason the following criteria have been established for acceptance into the Pre-Seminary Program of Concordia University Wisconsin. Application is generally made in the second semester of the sophomore year.

1. Successful completion of a minimum of 45 semester hours of credit.
2. CGPA of 2.5 on a 4.0 scale. (Probationary acceptance may be given to students with a CGPA of at least 2.0 if other requirements are met.)
3. Evidence of proficiency in English and foreign languages appropriate to the pre-seminary program.
4. Submission of a completed application form, available from the theology office.
5. Completion of basic theology courses.
6. Exhibition of exemplary Christian life-style.
7. Interviews with and written recommendation of the pre-seminary director.

Acceptance Procedure

1. Notification of acceptance into the program will be made by letter.
2. Notification of non-acceptance or probationary acceptance of the applicant is made in a personal interview with the pre-seminary director. A formal letter of the decision is presented to the applicant during the interview.
3. A copy of this letter is filed in the applicant's folder in the theology office.
4. A student who is refused acceptance into the pre-seminary program may re-apply up to two more times. Acceptance into the pre-seminary program is not a requirement for the successful completion of either major.

Program Continuation

To maintain "good standing" status in the pre-seminary program, a student must maintain a 2.5 CGPA.

Curriculum (For the Theological Languages Major and Minor, see the alphabetical listing later in this catalog.)

PRE-SEMINARY STUDIES MAJOR 30 crs.

REL 221 Lutheran Worship -- 3 crs.

REL 490 Senior Seminar I -- 3 crs.

REL 491 Senior Seminar II -- 3 crs.

Theology Elective I: 3 crs.

Theology Elective II: 3 crs.

Bible Elective: Upper level -- 3 crs.

Speech Elective -- 3 crs.

COMM 205 Advanced Public Speaking

Writing Elective -- 3 crs.

ENG 245 Advanced Writing

ENG 246 Creative Writing

ENG 350 Rhetoric

Social Science Elective -- 3 crs.:

PSY 101 General Psychology, *if General Psychology was taken in the core,*

SOC 101 Introduction to Sociology

Philosophy Elective -- 3 crs.

PHIL XXX Elective *if Philosophy was taken in the core,*

a Literature elective

THEOLOGICAL LANGUAGES MINOR 21 crs.

Must include at least 18 credits of languages from the theological languages major in addition to the 3 credits of REL 203 New Testament (in addition to a further 6 language credits needed for the core). Students are encouraged to complete two full years of Greek and two full years of Hebrew.

THEOLOGY MAJOR 30 crs.

REL 201 Old Testament
REL 204 Biblical Theology
REL

Social Sciences

SOCIAL SCIENCE MINOR 18 crs.

All classes below are required (27 credits). However, 3 classes (9 credits) count towards the Core.

PSY 101 Gen. Psychology — 3 crs. (core)
 SOC 10 1 Intro to Sociology — 3 crs.
 ECON 222 Macro-econ. or ECON 200 Principles of Econ. — 3 crs. (core)
 POL 101 or 201 or 285 Political Science — 3 crs.
 COMM 105 Spoken Word — 3 crs. (core)
 COMM 201/PSY 201 Interpersonal Communication — 3 crs.
 PSY 230 Life Span Development — 3 crs.
 SOC 300 Group Dynamics — 3 crs.
 SW 375 Understanding Death & Dying — 3 crs.

SOCIAL WELFARE MINOR 18 crs.

SW 100 Introduction to Social Work — 3 crs.
 SW 205 Introduction to Social Welfare — 3 crs.
 SW 346 Human Behavior/
 The Social Environment I — 3 crs.

Choose from the following:

POLS 285 American Politics & Health Care Policy — 3 crs.
 SW 306 Social Welfare Policy & Programs — 3 crs.
 SW 347 Human Behavior/The Social Environment — 3 crs.
 SW 375 Understanding Death & Dying — 3 crs.
 SW 392 Aging & The Social Environment — 3 crs.

WOMEN'S STUDIES MINOR 21 crs.

WST 101 Introduction to Women's Studies — 3 crs.
 COMM 354 Gender and Communication — 3 crs.
 ENG 370 Women's Literature — 3 crs.
 HIST 464 Women in America — 3 crs.
 HHP 414 Women in Sport — 3 crs.

POLS 491 Special Topics: Women in Politics — 3 crs.
 PSY 312 Marriage and the Family — 3 crs.
 PSY 340 Sex Role Development — 3 crs.
 REL 357 Women in the Church — 3 crs.
 SOC 203 Contemporary Social Problems — 3 crs.
 SOC 343 Women's Health — 3 crs.
 WST 465 Special Topics in Women's Studies — 3 crs.

School of Business and Legal Studies

The two divisions therein are the Business Division and the Legal Studies Division. In addition, two associate degree programs and a special cooperative program exist.

Core Requirements	Course	Credits	Business	JPP
Theology - 9 crs Common core	REL 100 The Bible as Literature	3	*	*
	REL 110 Intro to Christian Theology	3	*	*
Philosophical Foundations - 3 crs Narrative Core	LA 105 Higher Education: A New Experience	3	*	*
Literature - 3 crs Common Core	ENG 103 Civilization & Worldviews - Literature	3	*	*
History - 3 crs. Common Core	HIST 103 Civilization & Worldviews - History	3	*	*
Social Sciences -3 crs Distributive Core	PSY 101 General Psychology	3	*	*
Citizenship - 3 crs Narrative Core	ECON 222 Macroeconomics	3	*	
	JPP 101 American Government			*
Writing - 3 crs Common Core	ENG 104 Introduction to Writing	3	*	*
Communications - 3 crs Narrative Core	COMM 201 Interpersonal Comm.	3	*	*
Mathematics - 3 crs Distributive Core	BUS 315 Business Statistics	3	*	
	MATH 125 Contemporary Mathematics	3		*
Phys. Education - 2 crs	HHP 100 Introduction to Lifetime Fitness	1	*	*

TOTAL: 48

* = specific course required

SUGGESTED FIRST YEAR PROGRAM First year business majors are advised to enroll in the following courses:

FALL

Program Objective

Concordia University prepares students to assume effective and responsible leadership roles in organizations or related professional activities. A three part curriculum is required to accomplish this goal (Bachelor of Science in Business).

First, the liberal arts core provides students with the intellectual and self knowledge skills to understand themselves and their dynamic world. Students learn to communicate and develop an understanding of the religious, cultural, social, economic, international, and technical environments in which individuals and organizations will exist in the future. By taking courses in religion and ethics, students develop a Christian value system for dealing conscientiously with their various publics.

The second part of the curriculum is the business common body-of-knowledge, required of all business division graduates. This core provides students with an understanding of the dynamics of the firm, introduction to the functional areas of the organization, basic managerial and organizational concepts, and an overall view of policy making. The qualitative and quantitative nature of this common-core enables students to develop their critical and analytical skills.

The third section of the curriculum provides students an opportunity to concentrate and obtain sufficient competence and skill to experience the joy of useful work and contribute to church and community in a profession or vocation. Only accredited transfer credits from NCA or Equivalent Accredited Institutions will be accepted.

THE CORE CURRICULUM 48 credits

BUSINESS CORE MAJOR 48 Total/42 Actual crs.

- ACCT 101 Accounting Principles I – 3 crs.
- ACCT 102 Accounting Principles II – 3 crs.
- ACCT 223 Managerial Accounting – 3 crs.
- BUS 130 Principles of Management – 3 crs.
- BUS 210 Business Law I – 3 crs.
- BUS 315 Business Statistics – 3 crs.
- (counted in University Core)*
- BUS 336 Human Resource Management – 3 crs.
- BUS 355 Management Information System – 3 crs.
- BUS 399 Internship – 3 crs.
- BUS 450 International Business – 3 crs.
- BUS 453 Business Policy – 3 crs.
- CSC 150 Foundations of Computer Science – 3 crs.
- ECON 231 Micro Economics – 3 crs.
- COMM 201 Interpersonal Communication – 3 crs.
- (counted in University Core)*
- FIN 300 Principles of Finance – 3 crs.
- MKTG 131 Principles of Marketing – 3 crs.

BUSINESS MINOR 21 crs.

- ACCT 101 Accounting Principles I – 3 crs.
- ACCT 223 Managerial Accounting – 3 crs.
- BUS 130 Principles of Management – 3 crs.
- BUS 210 Business Law I – 3 crs.
- ECON 231 Micro Economics – 3 crs.
- FIN 300 Principles of Finance – 3 crs.
- MKTG 131 Principles of Marketing – 3 crs.

The specific majors and minors follow.

All Business majors must complete all listed degree requirements and earn a minimum total of 126 credits to graduate. Both the cumulative grade point average and the average for all Business courses attempted must be 2.0 or above.

ACCOUNTING MAJOR 66 crs.

150-Hour MBA/CPA Track*

- ** ACCT 323 Cost Accounting – 3 crs.
- ** ACCT 310 Intermediate Accounting I – 3 crs.
- ** ACCT 311 Intermediate Accounting II – 3 crs.
- ** ACCT 330 Advanced Accounting – 3 crs.
- ** ACCT 350 Income Tax I – 3 crs.
- ** ACCT 360 Income Tax II – 3 crs.
- ACCT 398 Current Issues in Accounting – 3 crs.
- ** ACCT 420 Auditing – 3 crs.
- ACCT 441 Mergers and Acquisitions – 3 crs.
- BUS 310 Business Law II and Ethics – 3 crs.
- BUS 429 Production Management – 3 crs.

- MBA 532/ACCT 432 NFP/Governmental Acct – 3 crs.
- MBA 530 Corporate Finance – 3 crs.
- MBA 575 Business Ethics – 3 crs.
- MBA 576 Fraud Management – 3 crs.
- MBA 580 Leadership/Organizational Behavior – 3 crs.
- MBA 590 Strategic Management – 3 crs.
- MBA 621 Financial Institutions – 3 crs.
- MBA 622 Risk Management & Insurance – 3 crs.
- MBA 623 Statutory Accounting – 3 crs.
- MBA 625 Securities Analysis – 3 crs.
- MBA 626 Portfolio Mathematics – 3 crs.

*Those wishing to complete 150 hours without the MBA should see their advisor.

**Required courses for Non-CPA track (21 crs.)

ACTUARIAL SCIENCE MAJOR 37 crs.

FIN 310 Basic Investing – 3 crs.
FIN 315 Insurance Principles/Practice – 3 crs.
FIN 321 Theory of Interest/Probability – 3 crs.
FIN 340 Corporate Finance – 3 crs.
LEGL 221 Corporate Law – 3 crs.

MATH 201 Calculus I – 4 crs.
MATH 202 Calculus II – 4 crs.
MATH 203 Calculus III – 4 crs.
MATH 205 Statistics I – 3 crs.
MATH 305 Statistics II – 3 crs.
MATH 325 Linear Algebra/Equations – 4 crs.

ECONOMICS MAJOR 21 crs.

ECON 222 Macroeconomics – 3 crs.
ECON 231 Microeconomics – 3 crs.
ECON 315 Macroeconomic Crises in History – 3 crs.

ECON 320 Money and Banking – 3 crs.
ECON 322 Intermediate Macroeconomics – 3 crs.
ECON 331 Intermediate Microeconomics – 3 crs.
FIN 430 International Finance – 3 crs.

FINANCE MAJOR 24 crs.

FIN 300 Principles of Finance – 3 crs.
FIN 310 Basic Investing – 3 crs.
FIN 315 Principles of Insurance – 3 crs.

FIN 320 Money and Banking – 3 crs.
FIN 340 Corporate Finance – 3 crs.
FIN 430 International Finance – 3 crs.
ECON 370 International Economics – 3 crs.
ECON 315 Macroeconomics Crises in History – 3 crs.

GENERAL BUSINESS MAJOR 24 crs.

This major requires a minimum of BUS 399 and 9 credits of Business electives plus 12 credits Liberal Art

MANAGEMENT MIN

Legal Studies

LEGAL STUDIES MINOR 18 crs.

The minor in legal studies is designed primarily for students in business, education, and criminal justice who increasingly find themselves subject to various laws and government regulations. A basic knowledge of these laws is beneficial, if not essential, for anyone seeking a career in these areas. The legal studies minor also provides an excellent background in law and legal reasoning for those students contemplating law school after graduation from Concordia. The minor provides a good foundation for graduate law studies along with courses in English, history, philosophy, political science, criminal justice and languages. Students may partially customize their course of study to reflect their interests in different legal topics.



JPP 101 American Government – 3 crs.

BUS 210 Business Law I – 3 crs.

BUS 310 Business Law II – 3 crs.

LEGL 359/POLS 359 Constitutional Law – 3 crs.

LEGL 331 Administrative Law I

LEGL 230 Environmental Law – 3 crs.

LEGL 221 Corporate Law I

JPP 308 Procedural Criminal Law – 3 crs.

The Teacher Education Program at Concordia University Wisconsin prepares teachers to help their students to develop in mind, body, and spirit for service to Christ in the Church and the world.

TEACHER EDUCATION PROGRAMS

LUTHERAN TEACHING MINISTRY – WISCONSIN PU

Wisconsin Licensure

To successfully complete the teacher education program and be recommended for a Wisconsin teaching license, the undergraduate candidate must have:

1. met the university credit requirements
 - a. Minimum of 126 college credits.
 - b. Minimum of 36 credits at Concordia University Wisconsin.
 - c. Minimum of 20 education credits at Concordia University Wisconsin.
2. earned a minimum of 2.75 GPA for all college credits.
3. met course requirements for the appropriate education program.
4. received full upper division status
5. met all Wisconsin Department of Public Instruction requirements.
6. been recommended by the Education Division faculty to receive the appropriate teaching license.
7. passed a content test (Praxis II or Language Testing International) in teaching major(s) (early childhood education, elementary/middle school education, subject areas for secondary and K-12 education) as well as teaching minor(s) when applicable.
8. (if Lutheran Education emphasis) taken the required theology courses and received the recommendation of the Concordia University faculty for teaching in schools of the Lutheran Church-Missouri Synod.

Writing: ENG 104 Introduction to Writing – 3 crs.

CORE CURRICULUM 55-61 credits

Theology (Lutheran and Christian Public Education Emphasis) – 6 crs.

REL 201 Old Testament

REL 203 New Testament

REL 204 Biblical Theology

Theology (Public Education Emphasis) – 6 crs.

REL 100 The Bible

REL 110 Christian Faith

History: HIST 103 Civilization & Worldviews: History

Literature: ENG 103 Civilization & Worldviews:

Literature – 3 crs.

Writing: ENG 104 Introduction to Writing – 3 crs.

Citizenship: POLS 201 American Government – 3 crs.

Communication: COMM 105 Public Speaking

COMM 201 Interpersonal Communication – 3 crs.

Culture: ED 103 Human Relations – 3 crs.

Philosophical Foundations:

ED 102 Foundations of Education – 3 crs.

Early Childhood Regular and Special Education Dual Certification Program

Birth to Age 8

CORE CURRICULUM:	55-61 crs.
LUTHERAN/CHRISTIAN PUBLIC ED DUAL MAJOR:	96 crs.
PUBLIC ED DUAL MAJOR:	90 crs.
TOTAL:	145-157 crs.

NOTE: Check with the Chair of the Special Education Department for possible changes in this major.

CORE CURRICULUM 55-61 credits

Theology (Lutheran & Christian Public Education Emphasis) – 9 crs.
 REL 201 Old Testament
 REL 203 New Testament
 REL 204 Biblical Theology
Theology (Public Education Emphasis) – 6 crs.
 REL 100 The Bible
 REL 110 Christian Faith
History: HIST 103 Civilization & Worldviews: History – 3 crs.

Literature: ENG 103 Civilizations & Worldviews: Literature – 3 crs.
Writing: ENG 104 Introduction to Writing – 3 crs.

Creative Arts: ART 151 Art Fundamentals, ART 110 or 141 – 3 crs.
Language: (May be satisfied by a non-Western language course that also fulfills the culture requirement – 3 crs.
Non-Western History or Contemporary Culture: (May be satisfied by a non-Western language course that also fulfills the language requirement) – 3 crs.
Mathematics: MATH 119 Number Sense: Teaching PreK-9 – 3 crs.

Citizenship: POLS 201 American Government – 3 crs.
Communications: COMM 105 Public Speaking, COMM 201 Interpersonal Communication – 3 crs.
Culture: ED 103 Human Relations – 3 crs.
Philosophical Foundations: ED 102 Foundations of Education – 3 crs.

Mathematics: MATH 120 Data and Space: Teaching PreK-9 – 3 crs.
Physical Development: HHP 100 Intro to Lifetime Fitness – 1 cr.
Physical Development Activity Course – 1 cr.
Life Science with lab: SCI 150 Life Science – 4 crs.
Physical Science with lab: SCI 155 Physical Science – 4 crs.
Social Science: PSY 221 Child Development – 3 crs.
Theology Elective – 3 crs.

EARLY CHILDHOOD DUAL CERTIFICATION MAJOR 90-96 crs.

ED 203 Educational Technologies – 1 cr.
ED 230 Nature of the Exceptional Child – 3 crs.
ED 231 Children's Literature – 3 crs.
ED 275 Human Learning – 3 crs.
 * ED 409 Instructional Technologies – 1 cr.
 * ED 411 Professional Ethics – 3 crs.
ED 204 Developmental Reading Gr. K-9 – 4 crs.
 * ED 354 Language Arts in Early Childhood – 3 crs.
 * ED 355 Music in Early Childhood – 2 crs.
 * ED 356 Mathematics in Early Childhood – 3 crs.
 * ED 357 Curric. & Methods in Science & Environment – Early Childhood – 3 crs.

* ED 358 Language Development & Early Literacy – 3 crs.
 * ED 359 Curriculum & Techniques – Early Childhood I – 3 crs.
 * ED 461 Administration of Early Childhood Programs – 1 cr.
 * ED 465 Curriculum & Techniques – Early Childhood II – 3 crs.
 * ED 466 Health & Wellness 0-8 Years – 1 cr.
 * ED 467 Art in Early Childhood – 2 crs.
 * HHP 428 Movement Skills in Early Childhood – 2 crs.
 First Aid & CPR
 (Certificate required, take HHP 209 for 2 credits)
 * ED 343 Synthesis and Prof. Development (Portfolio Completion)/Praxis II – 1 cr.

ELEMENTARY/MIDDLE EDUCATION MAJOR 60-66 crs.

- ED 202 Music for Elementary Teachers – 3 crs.
- ED 203 Educational Technologies – 1 cr.
- ED 230 Nature of the Exceptional Child – 3 crs.
- ED 231 Children’s Literature – 3 crs.
- ED 275 Human Learning – 3 crs.
- *ED 409 Instructional Technologies – 1 cr.
- *ED 411 Professional Ethics – 3 crs.

- ED 204 Developmental Reading Gr. K-9 – 4 crs.

“THE BLOCK”

Take these courses during the same semester:

- *ED 301 Analysis of Classroom Practice - Elementary/Middle – 3 crs.
- *ED 303 Curriculum & Methods in Language Arts – 3 crs.
- *ED 304 Curriculum & Methods in Mathematics – 3 crs.
- *ED 305 Curriculum & Methods in Science & Environment – 3 crs.
- *ED 407 Curriculum & Methods in Social Studies – 3 crs.

- *ED 350 Teaching in the Middle School – 3 crs.
- *ED 401 Reading Strategies in the Classroom – 2 crs.
- *ED 402 Curriculum & Methods in Art – 1 cr.
- *ED 404 Curriculum & Methods in Physical Education – 1 cr.
- *ED 405 Curriculum & Methods in Health – 1 cr.
- *ED 412 Portfolio Completion — Elementary – 1 cr.

- (For Clinicals, register for ED 100.)
- ED 100 (211) General Clinical I Experience – 1 cr.
- ED 100 (212) Multicultural Clinical II Experience – 1 cr.
- ED 100 (213) Special Education Clinical III Experience – 1 cr.
- *ED 421 & ED 422 Student Teaching – 12 crs.

- REL 404 Lutheran Confessions – 3 crs.
- REL 306 Teaching the Faith – 3 crs.
- REL 404 Lutheran Confessions 3
- *ED 307 Teaching the Faith for the Christian Public Educator – 3 crs.
- *Course Requires Upper Division Status

LICENSABLE SU

- | | | |
|--------------------------------|-------------------|----------------------|
| Biology | German+ | Science* |
| Computer Science | Health Education+ | Social Studies* |
| English* | History | Spanish*+ |
| English as a Second Language*+ | Mathematics* | Speech Communication |
| Environmental Science | Psychology | |

*Denotes a minor that is strongly encouraged.

+Denotes a minor that would require an additional Praxis II content knowledge examination.

An alternative to licensable subject area minor listed above is a special education major (please see "Special Education Major Requirements").

A student may also complete additional minors in licensable or nonlicensable areas which may include but are not limited to the following:

- | | |
|--------------------|-----------------|
| Adaptive Education | Theology |
| Athletic Coaching | Urban Education |

NOTE: Since most middle schools are departmentalized, students are encouraged to select a minor for the subject area that they would prefer to teach in a middle school setting.

ADAPTIVE EDUCATION MINOR 18 crs.

- ED 327 Working with Children with Disabilities and their Families – 3 crs.
- ED 328 Environmental and Personal Strategies for Self-Management for Children with Disabilities – 3 crs.
- ED 479 Assessment and Instruction for Children with Special Needs – 3 crs.
- ED 481 Language and Communication Disorders – 3 crs.
- ED 484 Educational/Behavioral Management in Special Education – 3 crs.
- ED 487 Intervention Strategies in Special Education – 3 crs.

ATHLETIC COACHING MINOR 28-30 crs.

BIO 275 Principles of Anatomy and Physiology I
w/lab – 34 crs. (counts in core for SCI 150)

HHP 209 First Aid and CPR – 2 crs.

HHP 272/273 Introduction to Athletic Training – 3 crs.

HHP 275 Administration and Organization
of Physical Education and Athletics – 3 crs.

HHP 280 Psychology of Sport – 3 crs.

HHP 342 Nutrition for Wellness and Performance – 3 crs.

HHP 371 Exercise Physiology – 3 crs.

HHP 373 Motor Development – 3 crs.

HHP 375 Biomechanics – 3 crs.

HHP 490 Practicum in Coaching – 1-3 crs.

Choose two of the following:

HHP 281 Theory & Techniques of
Coaching Softball – 2 crs.

HHP 282 Theory & Techniques of
Coaching Basketball – 2 crs.

HHP 284 Theory & Techniques of
Coaching Football – 2 crs.

HHP 286 Theory & Techniques of
Coaching Track & Field – 2 crs.

HHP 287 Theory & Techniques of
Coaching Soccer – 2 crs.

HHP 288 Theory & Techniques of
Coaching Volleyball – 2 crs.

HHP 290 Theory & Techniques of
Coaching Wrestling – 2 crs.

BIOLOGY MINOR 20 crs.

HEALTH EDUCATION MINOR 24 crs.

HHP 100 Introduction to Lifetime Fitness (in Core)

SCIENCE EDUCATION MINOR 20 crs.

BIO 146 Essentials of Anatomy & Physiology w/lab – 4 crs.
 BIO 256 Environmental Science w/lab – 4 crs.
 CHEM 105 Elements of Gen. & Bio. Chemistry w/lab – 4 crs.
 SCI 135 Earth Science w/lab – 4 crs.

Choose from the following: BIO 142, 240, 244, 249, 410, or other approved courses. – 4 crs.

SOCIAL STUDIES MINOR 18 crs.

European History – 3 crs.
 United States History – 3 crs.
 HIST 385 Historical Methods – 3 crs.
 GEOG 220 Cultural Geography – 3 crs.

SOC 203 Contemporary Social Problems – 3 crs.
 SOC 300 Group Dynamics – 3 crs.

See the Education Office for clarification of recommended electives.

SPANISH MINOR 24 crs.

SPAN 201 Intermediate Spanish I – 3 crs.
 SPAN 202 Intermediate Spanish II – 3 crs.
 SPAN 307 Applied Linguistics – 3 crs.
 SPAN 315 Topics in Conversation – 3 crs.
 SPAN 301 Spanish Conversation and Composition – 3 crs.
 SPAN 351 Spanish and Latin American Civilization I – 3 crs.

SPAN 352 Spanish and Latin American Civilization II – 3 crs.
 SPAN 355 Spanish and Latin American Literature I – 3 crs.
 SPAN 356 Spanish and Latin American Literature II – 3 crs.

*ED 310 Curriculum & Methods in Teaching a Foreign Language – 3 crs.
 Also required: Immersion Experience of at least four weeks and accompanying paper and Oral Proficiency Interview

SPEECH COMMUNICATION MINOR 21 crs.

ENG 102 Basic English Grammar and Usage – 3 crs.
 ENG 305 Advanced Grammar and Usage – 3 crs.
 COMM 201 Interpersonal Communication – 3 crs.
 COMM 205 Advanced Public Speaking – 3 crs.
 COMM 300 Group Dynamics – 3 crs.
 COMM 331 Argumentation, Debate and Forensics – 3 crs.
 COMM 460 Cross Cultural Communication – 3 crs.

Choose from the following: COMM 247, 250, 333, 354, 380, 390, ENG 245, 246, 365, ED 208, 432, SIGN 101, THTR 261 or other approved courses.

URBAN EDUCATION MINOR 18 crs.

COMM 460 Cross-Cultural Communication (may be used to fulfill non-Western requirement in core)
 ED/SOC 293 The Urban Education Landscape – 3 crs.
 ED/SOC 294 Paradigms for Success in Urban Education – 3 crs.
 ED 429 Urban Education Field Practicum – 3 crs.

Choose 6 credits from the following: COMM 333, ENG 240, GEOG 220, PSY 315, REL 298, REL 311

THEOLOGY MINOR

See requirements as listed in the School of Arts and Sciences section.

Middle Childhood through Early Adolescence

CORE CURRICULUM:	55-61 Credits
LUTHERAN/CHRISTIAN PUBLIC ED MAJOR:	66 Credits
PUBLIC ED MAJOR:	60 Credits
SPECIAL ED COURSES:	30 Credits
TOTAL:	145-157 Credits

NOTE: Check with the Chair of the Special Education Department for possible changes in this major.

CORE CURRICULUM 55-61 Crs.

Theology (Lutheran & Christian Public Education Emphasis) – 9 crs.

- REL 201 Old Testament
- REL 203 New Testament
- REL 204 Biblical Theology

Theology (Public Education Emphasis) – 6 crs.

- REL 100 The Bible
- REL 110 Christian Faith

History: HIST 103 Civilization & Worldviews: History – 3 crs.

Literature: ENG 103 Civilizations & Worldviews: Literature – 3 crs.

Writing: ENG 104 Introduction to Writing – 3 crs.

Citizenship: POLS 201 American Government – 3 crs.

Communications: COMM 105 Public Speaking
COMM 201 Interpersonal Communication – 3 crs.

Culture: ED 103 Human Relations – 3 crs.

Philosophical Foundations:
ED 102 Foundations of Education – 3 crs.

Creative Arts: ART 151 Art Fundamentals – 3 crs.
Language: (May be satisfied by a non-Western language course that also fulfills the culture requirement) – 3 crs.

Non-Western History or Contemporary Culture: (May be satisfied by a non-Western language course that also fulfills the language requirement) – 3 crs.

Mathematics: MATH 119 Number Sense:
Teaching PreK-9 – 3 crs.

Mathematics: MATH 120 Data and Space: -6J/Span&ActEg2vand Space

- *ED 327 Working with Children with Disabilities and their Families – 3 crs.
- *ED 328 Environmental & Personal Strategies for Self-Management for Children w/Disabilities – 3 crs.
- *ED 455 Characteristics & Procedural Safeguards in Special Education – 3 crs.
- *ED 456 Assistive Technology for Individuals with Disabilities – 3 crs.
- *ED 457 Curricular Adaptations for Learners with Disabilities – 3 crs.
- *ED 479 Assessment & Instruction for Children with Special Needs – 3 crs.
- *ED 481 Language & Comm. Disorders – 3 crs.
- *ED 484 Educational/Behavioral Management in Special Education – 3 crs.
- *ED 487 Intervention Strategies in Special Education – 3 crs.
- *ED 439 Curriculum, Methods & Analysis for EBD/CD/SLD – 3 crs.

- (For Clinical Experiences, register for ED 100)
- ED 100 (211) General Clinical I Experience – 1 cr.
- ED 100 (212) Multicultural Clinical II Experience – 1 cr.
- ED 100 (213) Special Education Clinical III Experience – 1 cr.
- *ED 421 or 422 & ED 444 Student Teaching – 12 crs.

- REL 404 Lutheran Confessions – 3 crs.
- *ED 306 Teaching the Faith – 3 crs.

- REL 404, REL 347, REL 333, PHIL 325, PHIL 334 – 3 crs.
- *ED 307 Teaching the Faith for the Christian Public Educator – 3 crs.

**Course Requires Upper Division Status*

Cross Categorical Special Education Program

Middle Childhood through Early Adolescence & Early Adolescence through Adolescence

CORE CURRICULUM:	55-61 Credits
LUTHERAN/CHRISTIAN PUBLIC ED MAJOR:	94-95 Credits
PUBLIC ED MAJOR:	87-88 Credits
TOTAL:	142-156 Credits

NOTE: Check with the Chair of the Special Education Department for possible changes in this major.

CORE CURRICULUM 55-61 crs.

Theology (Lutheran & Christian Public Education Emphasis) – 9 crs.

REL 201 Old Testament

REL 203 New Testament

REL 204 Biblical Theology

Theology (Public Education Emphasis) – 6 crs.

REL 100 The Bible

REL 110 Christian Faith

History: HIST 103 Civilization & Worldviews:

History – 3 crs.

Literature: ENG 103 Civilizations & Worldviews:

Literature – 3 crs.

Writing: ENG 104 Introduction to Writing – 3 crs.

Citizenship: POLS 201 American Government – 3 crs.

Communications: COMM 105 Public Speaking

COMM 201 Interpersonal Communication – 3 crs.

Culture: ED 103 Human Relations – 3 crs.

Philosophical Foundations:

ED 102 Foundations of Education – 3 crs.

Creative Arts: Any Art, Music, or Theatre “activity” course – 3 crs.

Language: (May be satisfied by a non-Western language course that also fulfills the culture requirement) – 3 crs.

Non-Western History or Contemporary Culture: (May be satisfied by a non-Western language course that also fulfills the language requirement) – 3 crs.

Mathematics: MATH 119 Number Sense:

Teaching PreK-9 – 3 crs.

Mathematics: MATH 120 Data and Space:

Teaching PreK-9 – 3 crs.

Physical Development: HHP 100 Intro to

Lifetime Fitness – 1 cr.

Physical Development Activity Course – 1 cr.

Life Science with lab: SCI 150 Life Science – 4 crs.

Physical Science with lab: SCI 155 Physical Science – 4 crs.

Social Science: *ED309 Educational Psychology – 3 crs.

Theology Elective – 3 crs.

CROSS CATEGORICAL SPECIAL EDUCATION MAJOR 87-95 crs.

- PSY 221 Child Development – 3 crs.
- ED 203 Educational Technologies – 1 cr.
- ED 230 Nature of the Exceptional Child – 3 crs.
- *ED 409 Instructional Technologies – 1 cr.
- *ED 411 Professional Ethics – 3 crs.

- ED 204 Developmental Reading Gr. K-9 – 4 crs.

“THE BLOCK”

Take these courses during the same semester:

- *ED 301 Analysis of Classroom Practice – 3 crs.
- *ED 303 Curriculum & Methods in Language Arts – 3 crs.
- *ED 304 Curriculum & Methods in Mathematics – 3 crs.
- *ED 305 Curriculum & Methods in Science & Environment – 3 crs.
- *ED 407 Curriculum & Methods in Social Studies – 3 crs.

- *ED 350 Teaching in the Middle School – 3 crs.
- *ED 401 Reading Strategies for the Classroom – 2 crs.
- *ED 383 Communication Arts in the Content Areas – 3 crs.
- *ED 412 Portfolio Completion – Elementary – 1 cr.

- *ED 327 Working with Children with Disabilities and their Families – 3 crs.
- *ED 328 Environmental & Personal Strategies for Self-Management for Children with Disabilities – 3 crs.
- *ED 452 Strategies for Teaching At-Risk Youth – 3 crs.
- *ED 455 Characteristics & Procedural Safeguards in Special Education – 3 crs.
- *ED 456 Assistive Technology for Individuals with Disabilities – 3 crs.

- *ED 457 Curricular Adaptations for Learners with Disabilities – 3 crs.
- *ED 479 Assessment & Instruction for Children with Special Needs – 3 crs.
- *ED 481 Language & Communication Disorders – 3 crs.
- *ED 484 Educational/Behavioral Management in Special Education – 3 crs.
- *ED 487 Intervention Strategies in Special Education – 3 crs.
- *ED 439 Curriculum, Methods & Analysis for EBD/CD/SLD – 3 crs.
- *ED 438 Transition & Collaboration for Adolescents with Disabilities – 3 crs.

- (For Clinical Experiences, register for ED 100)
- ED 100 (211) General Clinical I Experience – 1 cr.
- ED 100 (212) Multicultural Clinical II Exp. – 1 cr.
- ED 100 (213) Special Education Clinical III Experience – 1 cr.
- *ED 444 & ED 447 Student Teaching – 12 crs.

- REL 404 Lutheran Confessions – 3 crs.
- *ED 306 Teaching the Faith – 3 crs.

- REL 404, REL 347, REL 333, PHIL 325, PHIL 334 – 3 crs.
- *ED 307 Teaching the Faith for the Christian Public Educator – 3 crs.

*Course Requires Upper Division Status

Secondary/K-12 Education Programs (Grades 5 or 6-12)

Early Adolescence through Adolescence

K-12 EDUCATION PROGRAMS

Early Childhood through Adolescence

NOTE: Art Education, Business Education, Choral/General Music Education, German, Instrumental/General Music Education, Physical Education, and Spanish are licensable as K-12 programs only.

CORE CURRICULUM:	51-58 credits
LUTHERAN/CHRISTIAN PUBLIC ED MAJOR:	45-48 credits
PUBLIC ED MAJOR:	39-42 credits
MAJOR SUBJECT AREA:	<u>36-64 credits</u>
TOTAL: 126-170 credits	

NOTE: Check with the Chair of the Secondary Education Department for possible changes in this major.

CORE CURRICULUM 51-58 crs.

Theology (Lutheran and Christian Public Education Emphasis) – 9 crs.

REL 201 Old Testament

REL 203 New Testament

REL 204 Biblical Theology

Theology (Public Education Emphasis) – 6 crs.

REL 100 The Bible

REL 110 Christian Faith

History: HIST 103 Civilization & Worldviews:

History – 3 crs.

Literature: ENG 103 Civilization & Worldviews:

Literature – 3 crs.

Writing: ENG 104 Introduction to Writing – 3 crs.

Citizenship: POLS 201 American Government – 3 crs.

Communication: COMM 105 Public Speaking

COMM 201 Interpersonal Communication – 3 crs.

Culture: ED 103 Human Relations – 3 crs.

Philosophical Foundations:

ED 102 Foundations of Education – 3 crs.

Creative Arts: Any Art, Music, or Theatre
“activity” course – 3 crs.

Language: May be satisfied by a non-Western
language course that also fulfills Non-Western

history or contemporary culture requirement

Concordia currently offers teaching majors for Grades 6-12 (early adolescence through adolescence) as approved by the Wisconsin Department of Public Instruction and leading to a Wisconsin license in the following subject areas: biology, broadfield science, English, history, mathematics, social studies (broadfield). Theology is offered as a non-licensable major.

Note that requirements are subject to change according to new state guidelines. See the Chair of Secondary Education for further details on these majors and for requirements for teaching minors.

NOTE: Students must select at least one licensable subject area major. In addition, students are strongly encouraged to add a subject area minor.

ADAPTIVE EDUCATION MINOR 18 crs.

ED 327 Working with Children with Disabilities and their Families – 3 crs.
ED 328 Environmental and Personal Strategies for Self-Management for Children with Disabilities – 3 crs.

ED 479 Assessment and Instruction for Children with Special Needs – 3 crs.
ED 481 Language and Communication Disorders – 3 crs.
ED 484 Educational/Behavioral Management in Special Education – 3 crs.
ED 487 Intervention Strategies in Special Education – 3 crs.

ATHLETIC COACHING MINOR 26 crs.

BIO 275 Principles of Anatomy and Physiology I w/lab counts in core for SCI 150 – 4 crs.

HHP 209 First Aid and CPR – 2 crs.
HHP 272 Introduction to Athletic Training – 3 crs.
HHP 275 Administration and Organization of Physical Education and Athletics – 3 crs.
HHP 280 Psychology of Sport – 3 crs.
HHP 342 Nutrition for Wellness and Performance – 3 crs.

HHP 371 Exercise Physiology – 3 crs.
HHP 373 Motor Development – 3 crs.
HHP 490 Practicum in Coaching – 2 crs.

Choose two of the following:

HHP 281 Theory & Techniques of Coaching Softball – 2 crs.
HHP 282 Theory & Techniques of Coaching Basketball – 2 crs. or 1 3 crs.
HHP 281 Theory & Techniques of Coaching Basketball – 2 crs.
HHP 373 Motor Development – 3 crs.

OPTIO

HEALTH EDUCATION MINOR 24 crs.

HHP 100 Introduction to Lifetime Fitness
Physical Development Activity Course
HHP 254 Foundations of Fitness
(replaces HHP 100 for Physical Education majors)
BIO 275 Principles of Anatomy and
Physiology I w/lab – 4 crs.
(counts in Core for SCI 150 Life Science)

HHP 209 First Aid and CPR – 2 crs.
HHP 260 Personal, Family & Community Health – 3 crs.
HHP 265 Healthy Lifestyles – 3 crs.
HHP 342 Nutrition for Wellness and Performance – 3 crs.
*HHP 361 Technology in Health &
Human Performance – 3 crs.
*HHP 410 Measurement & Evaluation in
Health & PE – 3 crs.
*HHP 450 Curriculum and Methods of
Health Education – 3 crs.

* Course Requires Upper Division Status

Note: The Health Education minor is certified by the Wisconsin Department of Public Instruction for individuals who have completed a DPI licensed major. This minor enables teacher education graduates to provide instruction in health promotion and the prevention of health problems to students in Lutheran and public school settings. The goal of this instruction is to enable individuals to make choices which improve the quality of life and the care of God's temple.

HISTORY MAJOR 39 crs.

U.S. History – 6 crs.
European History – 6 crs.
Non-Western/Global History – 6 crs.
HIST 385 Historical Methods – 3 crs.
HIST 490 Senior Seminar – 3 crs.

I. Emphasis in American History**

U.S. History – 9 crs.
European or Non-Western/Global History – 3 crs.

II. Emphasis in European History**

European History – 6 crs.
U.S. or Non-Western/Global History – 3 crs.

III. Emphasis in Global History**

Non-Western/Global History – 9 crs.
U.S. or European History – 3 crs.

**Students must take at least one 100-level survey course and two upper level courses.

*ED 373 Curriculum and Methods in Social Studies-
Secondary – 3 crs.

HISTORY MINOR 24 crs.

U.S. History – 3 crs.
European History – 3 crs.
Non-Western/Global History – 3 crs.
HIST 385 Historical Methods – 3 crs.

I. Emphasis in American History

U.S. History – 6 crs.
European or Non-Western/Global History – 3 crs.

II. Emphasis in European History

European History – 6 crs.
U.S. or Non-Western/Global History – 3 crs.

III. Emphasis in Global History

Non-Western/Global History – 6 crs.
U.S. or European History – 3 crs.

*ED 373 Curriculum and Methods in Social Studies-
Secondary/Middle – 3 crs.

NOTE: ED 373 Curriculum & Methods in Social Studies-
Secondary/Middle is also required for the history major
and minor.

MATHEMATICS MAJOR 40 crs.

MATH 205 Statistics I – 3 crs.

MATH 201 Calculus I – 4 crs.
MATH 202 Calculus II – 4 crs.
MATH 203 Calculus III – 4 crs.
MATH 220 Discrete Mathematics – 3 crs.
MATH 305 Statistics II – 3 crs.

MATH 321 Abstract Algebra – 3 crs.
MATH 325 Linear Algebra &
Differential Equations – 4 crs.
MATH 331 Geometry – 3 crs.
MATH 441 Real Analysis – 3 crs.
MATH 490 Senior Seminar – 3 crs.
CSC 150 Foundations of Computer Science – 3 crs.
*ED 312 Math in the Middle School – 3 crs.
*ED 374 Curriculum and Methods in
Mathematics-Secondary/Middle – 3 crs.

SPANISH MINOR 24 crs.

SPAN 201 Intermediate Spanish I – 3 crs.
SPAN 202 Intermediate Spanish II – 3 crs.
SPAN 307 Applied Linguistics – 3 crs.
SPAN 315 Topics in Conversation | SPAN 301
Spanish Conversation and Composition – 3 crs.
SPAN 351 Spanish and
Latin American Civilization I – 3 crs.

SPAN 352 Spanish and
Latin American Civilization II – 3 crs.
SPAN 355 Spanish and Latin American Literature I |
SPAN 356 Spanish and Latin American Literature II – 3 crs.
*ED 310 Curriculum & Methods in Teaching a
Foreign Language – 3 crs.

Also required: Immersion Experience of at least four weeks
and accompanying paper and Oral Proficiency Interview

SPEECH MINOR 21 crs.

SPAN 307 Applied Linguistics – 3 crs*ED 429 Urban Education Field Practicum – 3 crs

URBAN EDUCATION MINOR 18 crs.

COMM 460 Cross-Cultural Communication (may be
used to fulfill non-Western requirement in core)
ED/SOC 293 The Urban Education Landscape – 3 crs.

ED/SOC 294 Paradigms for Success
in Urban Education – 3 crs.
*ED 429 Urban Education Field Practicum – 3 crs.

Select from:
COMM 333, ENG 240, GEOG 220, PSY 315, REL 298, REL 311

MUSIC MAJOR – GENERAL/INSTRUMENTAL (K-12) 61 crs.

MUS 080 Concert/Recital Attendance

(each semester) – 0 crs.

MUS 240 Music Theory I – 3 crs.

MUS 241 Music Theory II – 3 crs.

MUS 242 Music Theory III – 3 crs.

MUS 243 Music Theory IV – 3 crs.

MUS 250 Beginning Conducting – 3 crs.

MUS 271 Music History I – 3 crs.

MUS 272 Music History II – 3 crs.

MUS 273 Music History III – 3 crs.

MUS 351 Advanced Conducting – 3 crs.

MUS 356 Techniques of Teaching Music History [tus.]

PHYSICAL EDUCATION 62-64 crs.

The Physical Education Major is licensed by the Department of Public Instruction of Wisconsin. It is a highly selective program. Students completing a degree are licensed to teach grades K-12. At the end of the student's sophomore year, he/she will make application for admission into the Program. Criteria for admission into the Physical Education Program may be obtained by contacting the chairperson of the Health and Human Performance Department.

BIO 275 Principles of Anatomy and Physiology I w/lab – 4 crs.

BIO 276 Principles of Anatomy and Physiology II w/lab – 4 crs.

HHP 167 Stunts and Tumbling – 1 cr.

HHP 171 Introduction to Exercise Science – 1 cr.

HHP 209 First Aid and CPR – 2 crs.

HHP 371 Exercise Physiology – 3 crs.

HHP 373 Motor Development – 3 crs.

HHP 375 Biomechanics – 3 crs.

*HHP 407 Professional Foundations in Physical Education – 3 crs.

*HHP 410 Measurement & Evaluation in Health & PE – 3 crs.

*HHP 412 Adaptive Physical Education – 3 crs.

*HHP 489 Practicum in Adaptive Physical Education – 1-3 crs.

HHP 167 Stunts and Tumbling – 1 cr.

HHP 208 Developing Teaching Skills in Physical Education – 2 crs.

HHP 250 Teaching Activity Core II – 3 crs.

HHP 254 Teaching Activity Core I

(Satisfies HHP 100 Activity Core) – 3 crs.

HHP 355 Teaching Activity Core III – 3 crs.

HHP 356 Teaching Activity Core IV – 3 crs.

*HHP 361 Technology in Health and Human Performance – 3 crs.

HHP 381 Curriculum Methods for Teaching PE & Health-Secondary – 3 crs.

*HHP 404 Curriculum Methods for Teaching PE & Health-Elementary – 3 crs.

HHP 428 Movement Skills in Early Childhood – 2 crs.

HHP 272 Introduction to Athletic Training – 3 crs.

HHP 275 Adm. & Org. of P.E. and Athletics – 3 crs.

HHP 280 Psychology of Sport – 3 crs.

HHP 409 History of Physical Education – 3 crs.

HHP 414 Women in Sports – 3 crs.

Athletic Coaching, Health Education, Adaptive Physical Education Certification.

NOTE: Physical Education majors are strongly encouraged to complete a minor in health education.

*Courses require Upper Division Status

Admission into the Physical Education License and Non-License Programs Application Process

Prior to starting Year 3 (junior), students wishing admission into the Physical Education Program must complete the following checklist and submit it to the Department Chair. Any items not completed at the specified level must be resolved before students begin their course work in year 3. Special appeals for extenuating circumstances must be made in writing to the Physical Education Acceptance Committee by the last day in April (during year two of the student's normal progress towards a degree).

Requirements for Admission into the Physical Education Program:

<p>HHP 171 HP 208 HHP 355 & 356 ENG 103 BIO 275/276 ED 100 PPST Math PPST Reading PPST Writing PPST(non-Lic.) General Core Service to Christ P.E. Majors Club Unit Plan</p>	<p>Grade of B or above Grade of B or above Grade of B or above Grade of C or above Grade of C or above Continuous Registration Passed (licensure only) Passed (licensure only) Passed (licensure only) Passed 2 of 3 Grades only 1D, no F's (20 hrs. documented) 1 Full Yr. of Participation 1 Unit Plan Grade B</p>	<p>† > f c e YRgVF 5DSWcVSVWZ _ Z XeYZUZ Z eYVAc` XcR` Ž † =VeVc cVbf VcZ X2U^ ZHZ _ Zè eYVAc` XcR` E` SVf dU as a writing sample † 4` _eRZ_dRWc^ Rj cVbf VcWc RU^ ZHZ _ Zè eYVAc` XcR` with supporting rationale detailing their reasons for pursuing a profession in Physical Education † 2aaVR_R_TLhcZ_XRSZqLT _eV_eR_Ud`aa` cèZ_X documentation critical. † EYVcVZIR_ 2aaVRj Ac` TVdId` fJU eYVdf UV_eTRVè f dVZ</p>
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SPANISH MAJOR 39+ crs.

- SPAN 201 Intermediate Spanish I – 3 crs.
- SPAN 202 Intermediate Spanish II – 3 crs.
- SPAN 307 Applied Linguistics – 3 crs.
- SPAN 315 Topics in Conversation – 3 crs.
- SPAN 331 Advanced Grammar and Composition – 3 crs.
- SPAN 351 Spanish and Latin American Civilization I – 3 crs.
- SPAN 352 Spanish and Latin American Civilization II – 3 crs.

- SPAN 355 Spanish and Latin American Literature I – 3 crs.
- SPAN 356 Spanish and Latin American Literature II – 3 crs.
- SPAN 490 Seminar/Capstone Course – 3 crs.
- Minimum 6 cr. required during study abroad.*
- ED 310 Curriculum and Methods of Teaching Foreign Language – 3 crs.
- Also required: Immersion Experience and accompanying paper

EDUCATIONAL STUDIES MINOR (non-licensable) 20 credits

- ED 100 Two Clinical Experiences – 2 crs.
- ED 102 Foundations of Education – 3 crs.
- ED 103 Human Relations – 3 crs.
- ED 275 Human Learning
- ED 309 Educational Psychology – Adolescent – 3 crs.

- ED 230 Nature of the Exceptional Child – 3 crs.
- ED 370 Analysis of Instruction -- K-12 – 3 crs.
- Choose 3 credits from the following:* ED 293, ED 294, ED 306, ED 350, ED 411, ED 464 – 6 crs.

Teacher Colloquy Program (LCMS)

The Teacher Colloquy is designed for members of the Missouri Synod who have received their teacher training at a non-Synodical college and would like to be certified for teaching in schools of the Synod. The program is available online through the Concordia University Education Network, CUEnet. (www.cuenet.edu). For more information, contact the CUEnet director at 1-800-238-3037 or write CUEnet, 345 Cyber Drive, Bend, Oregon 97702. The program typically consists of 24 credit hours.

In 1989, the Provisional Endorsement for Lutheran Teaching (P.E.L.T.) Program was developed by the colleges and universities and the appropriate boards of the Lutheran Church-Missouri Synod. This program was developed in recognition of the many capable Lutheran teachers involved in the ministries of the LCMS Parochial School Systems who were non-synodically certified.

The initial vision was to offer these teachers an avenue to take steps toward teacher's synodical certification via the LCMS's Teachers Colloquy Program. It was an initial step because the candidate could only fulfill some of the course requirements via the extension model. The candidate then had to complete the colloquy course requirements through residence course work at one of the synodical colleges offering a bachelor's degree in teacher education. Since the Synodical Convention in Pittsburgh in 1992, it is possible to take the eight required courses to fulfill course work requirements for teach colloquy via the Theological Education by Extension Model. We have several extension locations in different parts of the country.

PROFESSIONAL CURRICULUMS

Columbia St Mary's Diagnostic Medical Sonography Program

Foundations of Sonography — 3 crs.
 Physics I — 3 crs.
 ABD I — 3 crs.
 OB I — 3 crs.
 GYN I — 3 crs.
 Ultrasound Clinical Ed I — 3 crs.

Physics II — 3 crs.
 ABD II — 3 crs.
 OB II — 3 crs.
 GYN II — 3 crs.
 Ultrasound Clinical Ed II — 4 crs.

Physics III — 3 crs.
 ABD III — 3 crs.
 OB III — 3 crs.
 GYN III — 3 crs.
 Ultrasound Clinical Ed III — 4 crs.

Vascular Physics — 3 crs.
 Vascular Technology I — 3 crs.
 Registry Review — 2 crs.
 Ultrasound Clinical Ed IV — 5 crs.

Vascular Physics II — 2 crs.
 Vascular Technology II — 2 crs.
 Ultrasound Clinical Ed V — 3 crs.

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Wheaton Franciscan Healthcare St Francis School of Diagnostic Medical Sonography Program

Foundations of Sonography — 5 crs.
 Abdomen I — 4 crs.
 Physics — 4 crs.
 Clinical Practicum I — 3 crs.

Abdomen II — 6 crs.
 Physics II — 2 crs.
 Clinical Practicum II — 3 crs.

Pelvic Sonography — 3 crs.
 Superficial Sonography — 2 crs.
 Physics III — 2 crs.
 Abdominal Case Review — 1 cr.
 Clinical Practicum III — 3 crs.

Obstetrical Sonography I — 3 crs.
 Vascular I — 3 crs.
 Pediatric Ultrasound — 1 cr.
 Abdomen & Pelvic Case Review — 1 cr.
 Clinical Practicum IV — 3 crs.

Obstetrical Sonography II — 3 crs.
 Vascular II — 3 crs.
 General & Vascular Case Review — 1 cr.
 Clinical Practicum V — 3 crs.

Registry Review — 4 crs.
 Case Review — 1 cr.
 Clinical Practicum VI — 5 crs.

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Medical Assistant Program

The Concordia University Wisconsin Medical Assistant program uses the Core Curriculum for Medical Assistants set by the Medical Assisting Education Review Board (MAERB) of the American Association of Medical Assistants in conjunction with the Commission on Accreditation of Allied Health Education Programs (CAAHEP) as the basis for the curriculum.

The mission of the Medical Assistant Program is to prepare competent medical assistants to enhance health care delivery in the community, and to work collaboratively with other disciplines in assisting individuals, families, and communities to achieve their full health potential.

Interpersonal Communication — 3 crs.
 Psychology — 3 crs.
 The Bible As Literature — 3 crs.

Anatomy & Physiology I — 3 crs.
 Anatomy & Physiology II — 3 crs.
 Administrative Procedures I — 2 crs.

Administrative Procedures II — 2 crs.
 Cardiopulmonary Resuscitation — 1 cr.
 Clinical Procedures I — 2 crs.
 Clinical Procedures II — 2 crs.
 Laboratory Procedures I — 2 crs.
 Laboratory Procedures II — 2 crs.
 Medical Law & Ethics — 3 crs.
 Pharmacology — 2 crs.
 Practicum — 3 crs.

The purpose of the baccalaureate program in nursing is to prepare graduates who function as beginning practitioners in a variety of health-care and community settings and to work collaboratively with other disciplines in assisting individuals, families, groups and communities to achieve their full health potential. The baccalaureate program provides a broad foundation in liberal arts as well as nursing education. Opportunities to enhance personal growth and promote professional development, guided by Christian principles, helps build the foundation for continued professional growth.

MAJOR 67.5 crs.

Professional Core Foundations — 5 crs.
 Wellness Assessment — 3 crs.
 Prof. Core Found. Lab — 1 crs.
 Community Wellness — 4 crs.
 Community Wellness Practicum — 1 cr.
 Leadership Practicum — 2.5 crs.
 Introduction to Nursing Research — 3 crs.
 Nursing of Developing Families Peds/OB — 5 crs.
 OB: Neonates and Families/Pediatric Practicum/
 Psychological Wellness Practicum — 3 crs.
 Therapeutic Nutrition — 2 crs.
 Psychological Wellness — 3 crs.

Alterations in Wellness I — 3 crs.
 Alterations in Wellness I Practicum — 1 cr.
 Alterations in Wellness II — 5
 Alterations in Wellness II Practicum — 4
 Alterations in Wellness II Lab — 1 cr.
 Alterations in Wellness III — 5 crs.
 Alterations in Wellness III Practicum — 2.5 crs.
 Complex Nursing Systems — 3 crs.
 Introduction to Professional Nursing — 1 cr.
 Pathophysiology — 4 crs.
 Pharmacology — 2.5 crs.
 Legal/Ethical Aspects of Nursing — 3 crs.

SUPPLEMENTAL COURSES 15 crs.

Human Anatomy and Physiology I & II with Lab — 8 crs.
 Microbiology with Lab — 4 crs.

Life Span Development — 3 crs.
 C.P.R. Certification required

ELECTIVES

N493 NCLEX - optional, N390 Intro. To Basic EKG - optional

BACHELOR OF SCIENCE—NURSING COMPLETION PROGRAM FOR REGISTERED NURSES

Registered nurses who have graduated from an ADN or Diploma nursing program will find Concordia's B.S.N. Completion Program a flexible means of furthering their nursing education. Coursework consists of accelerated learning modules. Completion program candidates can obtain their BSN degree in (2) two calendar years. Concordia University's Nursing Completion Program is accredited by the Commission on Collegiate Nursing Education.

LIBERAL ARTS CORE 31 crs.

Many of the basic liberal arts courses may be accepted as transfer credits from accredited associate degree or diploma nursing programs:

Theology — 6 crs. (Must be taken for residency)
 Humanities
 NURS 331: Nursing in Historical Context
 and NURS 106: Nursing and You — 6 crs.
 Cross Cultural
 NURS 360 Cultural Diversity in Nursing
 or SOC 343: Women's Health — 3 crs.
 Social Science
 PSY 101: General Psychology — 3 crs.
 Sociology or Macroeconomics or Political Science — 3 crs.

Natural Science
 *Chem 205: Elem. of General/Biological
 Chemistry — 3-4 crs.
 Communications
 Intro to Writing or Advanced Writing — 3 crs.
 Mathematics
 MATH 130: Statistics — 3 crs.
 CLEP
 *Credit for this course can be earned by passing the
 NLN Basic Science Achievement Test or CLEP Exam

COLLATERAL REQUIREMENT 15 crs.

Social Science: *Psy 230 Life Span Development — 3 crs.
 Science: *BIO 249, 270/271, 272/273 — 12 crs.

ACCREDITATION STATUS AND CREDENTIALING MECHANISMS

The Occupational Therapy Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. AOTA's phone number is (301) 652-AOTA.

The Professional Physical Therapy Program (entry level program) at Concordia is a Doctor of Physical Therapy (DPT) Program. Students are admitted to the professional DPT program with a BS or BA degree completed prior to the start of the Fall program. A Master's degree is not required. This entry-level professional degree program is three years in duration and is a tracked program. This means that once a student enters the professional degree program, the course work is sequenced. The student will need to successfully complete one semester of education before starting on the following semester's course work. Students cannot enter the program on a part-time basis.

The DPT degree at Concordia is designed to produce a therapist who is an autonomous provider of Physical Therapy services.

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ADMISSION INFORMATION

1. Applicants are chosen for admission on the basis of individual merit. The Physical Therapy program does not discriminate in student admission policies, administration of its educational policies, scholarship and loan programs, or extra curricular activities on the basis of race, color, creed, national or ethnic origin, sex, age, disabling conditions, or marital status.
2. CUW will admit one class of 24 students in the Fall of each academic year. Students who are not accepted into the program, and who wish to apply for the following year will need to repeat the admission process. No admission slot will be held for students in the event they are accepted and for any reason cannot attend in the fall of the year they are accepted.
3. The priority application deadline is December 1st of every year. Applications may be reviewed after that date and applicants may be considered as alternates if space becomes available. Priority applicants will be notified of acceptance by February 15th of each year. Students are responsible for assuring the completeness of their applications and may call the Graduate Admission office for information.
4. GRE scores are not required for application to the program.
5. Students from a Concordia University System school receive preference in the admission process using the following priorities: a) Students who do their undergraduate work at Concordia University Wisconsin. b) Students who do their undergraduate work at other Concordia University System schools. c) Students who have attended a Concordia University System school for at least 3 credits. The Physical Therapy Selection Committee will determine acceptance into the program. The Selection Committee chooses applicants it considers most qualified for the study and practice of the profession from the pool of qualified applicants and has the final decision-making authority over who will be accepted into the professional Physical Therapy program.
6. Students applying to the professional Physical Therapy program must have either paid or volunteer experience with individuals who are physically or cognitively disabled. Forty hours (40) of observation and/or interaction in at least two (2) different patient/ client settings are required. The experiences can occur within the same institution, but should provide exposure to diverse patient/ client populations. Examples of settings include: Outpatient Orthopedics; Pediatrics; Skilled Nursing Facility; Inpatient Rehabilitation; Acute Care; Schools; Home Health; Special Olympics; Camps. A work/volunteer experience form must be filled out by the person observing/supervising each of the work or volunteer experiences and must be submitted to the Graduate Admission Office at Concordia.
7. If a slot becomes available during the first or second year, students from other Physical Therapy schools with all the Physical Therapy prerequisites and similar Physical Therapy course work may apply for that slot.
8. Students who withdraw from the Physical Therapy program after the first day of class may reapply for admission the following year and may be considered for readmission as placements become available. The tuition deposit will not be refunded.
9. No slots will be held for students in the event they are accepted and for any reason cannot attend in the Fall of the year they are accepted. In this case, the applicant would need to re-apply to the program. The \$1,000 deposit may be applied to future applications.
10. A three year flat rate tuition is set in advance for each academic year.
11. Students from abroad must have their transcripts reviewed and evaluated by a recognized credentialing service in the United States. Contact the Graduate Admission Office for recommended agencies. Students must meet the graduate school requirements for international students.

APPLICATION MATERIALS

1. Concordia University Wisconsin Application form.
2. Physical Therapy Program Application Addendum.
3. Work/Volunteer Experience Forms: At least two forms must be submitted. Students applying to the professional Physical Therapy program must have either paid or volunteer experience with individuals who are physically or cognitively disabled. Forty h/Acnn thsdTJT*[(year they ncor)1(dia ar they ncor)1()sTd[thenibognitively de accepted and for any reas

ADMISSION PROCEDURES

Students may declare a social work major as an arriving freshman or anytime while a student in good standing at Concordia University Wisconsin. Students who declare a social work major during their freshmen or sophomore year have the advantage of being assigned a social work faculty member as their academic advisor. Social work faculty members are available to discuss the social work major and application process with all interested students.

Students cannot enroll into Upper Division social work courses (SW 300 or SW 400 level) or begin a field placement until they have completed the application process for Upper Division Social Work Status. Students must be officially accepted for Upper Division Status by the Director of the Social Work Program. Students need to apply for Upper Division Status during the spring semester of their sophomore year and begin their Upper Division SW Foundation Courses in the fall of their junior year.

Prior to official acceptance into Upper Division Status, students are expected to take the two Introductory social work courses, SW 100 (Introduction to Social Work) and SW 205 (Introduction to Social Welfare) during their freshmen or sophomore year. This planning is necessary because Upper Division Social Work Foundation courses are offered in a sequence which begins in the fall semester of the student's junior year. In rare circumstances, exceptions may be made, but additional planning and consultation are needed.

The process for admission to Upper Division Status for the Social Work Major is to:

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application includes:

- Completion of Application for Admission Form
- Completion of an Upper Division Narrative (self-study)
- Interview with the Director of the Social Work Program or other social work faculty

TRANSFER STUDENTS

Transfer Students may also be accepted into Upper Division Status, if they have completed the above requirements. These students will need to review their transfer core curriculum credits with the admissions counselor and Registrar's Office. Any transfer credits related to the social work major and social science minor must be reviewed by the Director of the Social Work Program.

LAY MINISTRY CERTIFICATlog.

ACCREDITATION

Social Work Programs at the baccalaureate and master's levels are accredited by the Council on Social Work Education (CSWE). The Social Work Program at Concordia University is fully accredited by CSWE.

CSWE Accreditation establishes uniform educational standards for social work students to insure students acquire the highest standards of professional training and practice. Additionally, an accredited program qualifies graduates for advanced standing in graduate programs that grant the Master of Social Work Degree (MSW). This status typically makes it possible for BSW graduates to earn an MSW in three semesters. Students who receive their BSW can also join The National Association of Social Workers (NASW), the largest professional association of social workers. Finally, students who graduate from accredited social work programs are eligible to apply and take the examination for state licensing or certification for professional social work practice. Social workers, who successfully complete the baccalaureate degree requirements at Concordia University Wisconsin, graduate from a program accredited by the Council of Social Work Education and receive a Bachelor of Social Work degree (BSW).

FIELD EDUCATION (INTERNSHIPS)

DESCRIPTION

The curriculum design for field education is incorporated in two semesters and involves the accumulation of 432 hours of fieldwork. Field experience offers students the opportunity to test and demonstrate their abilities and knowledge in a supervised educational setting. Social work majors, with upper division status, are required to enroll in SW 327 Field Education I and SW 427 Field Education II. In conjunction with Field Education, students are required to enroll in SW 328 Field Seminar I and SW 428 Field Seminar II. Participation in the seminar is to be concurrent with field education. The seminar format will provide for the integration of field experience with classroom learning through discussion and assignments.

APPLICATION PROCESS FOR FIELD EDUCATION

Students are placed in a variety of agencies, commensurate with their expressed desires and educational needs. The placement process begins with the completion of an application. Students are required to apply for field in the second semester of their junior year.

SOCIAL WORK PROGRAM CURRICULUM

The Social Science Major is recommended for Social Work Majors. See School of Arts and Sciences

Students in this program must take BIO 146, Anatomy and Physiology, for non-biology majors. (Other lab sciences covering human biology may be accepted.)

SW 100 Introduction to Social Work — 3 crs.

SW 205 Introduction to Social Welfare — 3 crs.

SW 306 Social Welfare Policy and Programs — 3 crs.

SW 310 Research Methods 1 — 3 crs.

SW 346 Human Behavior and the
Social Environment I — 3 crs.

SW 347 Human Behavior and the
Social Environment II — 3 crs.

SW 410 Research Methods II — 3 crs.

SW 490 Senior Seminar/Project — 3 crs.

SW 327 Field Education I — 5 crs.

SW 328 Field Seminar I — 1 cr.

SW 427 Field Education II — 5 crs.

SW 428 Field Seminar II — 1 crs.

SW 326 Skills and Methods of Social Work
Practice I — 3 crs.

SW 426 Skills and Methods of Social Work
Practice II — 3 crs.

SW 436 Skills and Methods of Social Work
Practice III — 3 crs.

LAY MINISTRY MINOR 24 crs.

REL 201 Old Testament
REL 204 Biblical Theology
REL XXX Elective

REL 203 New Testament — 3 crs

AFFIRMATIVE ACTION/NONDISCRIMINATION

The Social Work Program at Concordia University Wisconsin does not discriminate on the basis of race, color, gender, age, ethnic or national origin, or physical disability in the areas of student admission to the program, as well as hiring or promotion for faculty.

School of Adult and Continuing Education

Concordia University Adult Education Studies is charged with carrying the mission of the University to the non-traditional adult student. Like the traditional degree programs, the programs in Adult Education are founded in the Christian Liberal Arts tradition of the University.

Our program is very much tailored to the needs and unique capabilities of the adult learner. For instance, classes are offered at locations near students' home or work. Classes are offered in an accelerated evening format. In addition, students can earn credit in a variety of modalities including the traditional classroom setting, telecourses, and college level learning experiences obtained outside the classroom.

Adult Education delivers courses at eleven off-campus centers located in Missouri and Louisiana, as well as Wisconsin. The average age of students attending the program is 34, typically 25 years old at a minimum, and students are required to have several years of work experience. A separate catalog is produced for adult education studies, and you are referred to it for further details.

ACC

AE 340 CURRICULUM DESIGN FOR ART EDUCATION introduces students to the structure and design of curricula for effective art education. Students

BIO 425 BIOCHEMISTRY introduces the student to the ways in which atoms and molecules function and interact to produce life processes. Topics include protein structure and function, carbohydrate and lipid structure and metabolism, molecular biology and photosynthesis. Prerequisites: CHEM 242 or consent of the instructor. Crosslisted: CHEM 425. 4 credits.

BIO 430 PHARMACOLOGY focuses on the principles of drug action. These principles will then be invoked in the discussion of various therapeutic interventions for diseases associated with selected organ systems. Treatments of pathogenic diseases and cancer will be discussed as well as the use of natural products. Prerequisites: 16 hours biology, and 16 hours of chemistry. 3 credits

BIO 435 DEVELOPMENTAL BIOLOGY provides an overview of the processes of vertebrate and invertebrate animal development. Topics covered include fertilization and morphogenesis, mechanisms of cellular differentiation, genetic control of development, pattern and body axis formation. Students will examine a variety of embryos including sea urchin, salamander, frog and chick. Prerequisites: BIO 270 OR BIO 140 and BIO 240. 3 credits.

BIO 444 SYSTEMATICS is the study of the principles of identifying, naming, and classifying biological organisms. Students will be introduced to morphologic keys which are used to identify field specimens. Students are also introduced to the biochemical and molecular methods that are being increasingly used to identify plants and animals. Prerequisite: 16 hours of biology. 4 credits.

BIO 470 HUMAN PHYSIOLOGY focuses on medical physiology with emphasis on cellular and organ system physiology. Functions of circulation, respiration, heat regulation, water balance, neuromuscular mechanisms, neural and endocrine integration will be included. Prerequisites: two semesters of Biology. 4 credits.

BIO 490 BIOLOGY SEMINAR looks at current issues in biology by evaluating the biological literature. A general topic area is selected each semester and presentations are made by students, faculty, and outside speakers. Junior status. Can be taken up to four times for credit. 1 credit.

BUSINESS

BUS 130 PRINCIPLES OF MANAGEMENT examines the principles and functions of management with an integration of line and staff relationships, theories of management, authority and responsibility, centralization and decentralization, team building, and developing policies, strategies, and tactics. 3 credits.

BUS 210 BUSINESS LAW I offers an introduction to the American Legal System and several specific legal topics including, but not limited to, criminal law, torts, employment law and discrimination, agency, contracts and sales. 3 credits.

BUS 310 BUSINESS LAW II & ETHICS examines several areas of business law including negotiable instruments, property, and business organizations. Fundamental principles of ethics and their application to common business situations are also examined during the course. 3 credits.

BUS 315 BUSINESS STATISTICS will provide students with a working knowledge of statistics, which will help them make proper business decisions under uncertain conditions. Areas to be covered include descriptive statistics, probability, inferential statistics, discrete and continuous probability distributions, and regression analysis. 3 credits.

BUS 336 HUMAN RESOURCES MANAGEMENT studies the functions and contributions that the Human Resources Department makes in the operation of a business. Emphasis is placed on historical and present day activities of the discipline including staffing, nurturing, performance appraisal, compensation and problem resolution regarding employees. The overall business environment is recognized as a problem source. 3 credits.

BUS 340 ORGANIZATIONAL BEHAVIOR investigates the impact that individuals, groups, and structure have on the behavior within organizations for the purpose of improving organizational effectiveness. Prerequisite: ACCT 102, and BUS 130. 3 credits.

BUS 355 MANAGEMENT INFORMATION SYSTEMS presents an overview of the management information system. This course examines total organizational effort required in the management function. Topics of special interest include communication and systems theory, accounting cycles and applications systems, costs of data processing software and hardware, systems control and systems design. Prerequisites: ACCT 102 and BUS 130. 3 credits.

BUS 360 SMALL BUSINESS ADMINISTRATION studies the problems and opportunities of managing a small company. Specific concerns of retail, service and small manufacturing firms are addressed. Location selection, financing, and operations are investigated. Prerequisite: BUS 130. 3 credits.

BUS 398 SPECIAL TOPICS IN BUSINESS provides a discussion, lecture, and/or research forum (including individual research) for special business subjects not addressed by the regular curriculum. Prerequisites: BUS 130. 1-3 credits.

BUS 399 INTERNSHIP provides credit for a pre-approved on-the-job work experience in the student's major field of study. Prerequisites: BUS 130, BUS 210, BUS 310, CSC 150, ACCT 102. 3-6 credits.

BUS 429 PRODUCTION/OPERATIONS MANAGEMENT studies the principles and problems involved in the planning, organizing, directing, and controlling of a business operation. Topics covered include location decision, design of the facility, inventory control, aggregate planning, MRP quality control, and work design. Prerequisite: Math 205. 3 credits

BUS 450 INTERNATIONAL BUSINESS is a systematic course concerned with the challenges, problems and opportunities that face corporations operating outside their domestic environment. The emphasis will be placed upon the basic principles, concepts and techniques relevant to international business management. Other than business issues generally discussed in the fields of economics, politics, finance, marketing and law, this course stresses the integration within a global business context. Prerequisite: BUS 130. 3 credits.

BUS 453 BUSINESS POLICY studies strategic policies of organizations. The focus of this course is to learn to see competitive strategic advantages through organizational design within different types of businesses. It looks at methods used by upper management to guide resource deployment to maintain competitive advantages in meeting the corporate mission. Where other prerequisite courses study segments of a business, this course studies the entire business structure strategically. Prerequisites: Senior Status or permission of professor. 3 credits.

CHEMISTRY

All 4 credit courses include a lab.

CHEM 105 ELEMENTS OF GENERAL AND BIOLOGICAL CHEMISTRY introduces the student to the chemistry of the body and is primarily for students aiming for careers in professional health care fields. Prerequisite: MAT 121: 4 credit hours.

CHEM 141 GENERAL CHEMISTRY I introduces the student to general concepts of chemistry including atomic and molecular structure, reaction stoichiometry, thermodynamics, periodic trends, and gas laws. 3 hours lecture, 1 hour lab lecture, 2 hours lab. Prerequisite: demonstrated competency in basic algebra or concurrent enrollment in MAT 128: 4 credit hours.

CHEM 142 GENERAL CHEMISTRY II is a continuation of Chemistry 141 including intermolecular forces, reaction kinetics, acid-base theory, equilibrium, electrochemistry, and nuclear chemistry. 3 hours lecture, 1 hour lab lecture, 2 hours lab. Prerequisite: Chemistry 141: 4 credit hours.

CHEM 225 ANALYTICAL CHEMISTRY introduces the student to the application of chemical principles for the purpose of chemical analysis as well as the many associated skills such as sampling, sample preparation, treatment of data, etc. necessary to obtain valid information on the chemical composition of matter. 2 hours lecture, 4 hours lab Prerequisite: Chemistry 142: 4 credit hours.

CHEM 235 DESCRIPTIVE INORGANIC CHEMISTRY introduces the student to the descriptive chemistry of the elements, with a focus on selected elements from within the representative or main groups. Topics to be covered include periodic trends, reactivity patterns, and structure as well as “real world” applications and some chemical history as it applies to the topics presented. 3 hours lecture, 3 hours lab Prerequisite: Chemistry 142: 4 credit hours.

CHEM 241 ORGANIC CHEMISTRY I introduces the student to organic synthesis and reaction mechanisms, focusing specifically on the chemistry of hydrocarbons and alcohols, along with acid-base chemistry and stereochemistry. 3 hours lecture, 1 hour lab lecture, 3 hours lab Prerequisite: Chemistry 142: 4 credit hours.

CHEM 242 ORGANIC CHEMISTRY II is a continuation of Chemistry 241, covering instrumental analysis of organic compounds, chemistry of aromatic systems, carbonyl chemistry, and the chemistry of amines. Laboratory consists of several multi-week projects including multi-step synthesis and unknown identification. 3 hours lecture, 1 hour lab lecture, 3 hours lab Prerequisite: Chemistry 241: 4 credit hours.

CHEM 361 ENVIRONMENTAL CHEMISTRY AND TOXICOLOGY introduces the student to how natural environmental processes are driven by chemical reactions and how these processes are affected by toxicants—natural as well as anthropogenic. Specific areas of concentration include the atmosphere, hydrosphere, energy, toxicology, and disposal of dangerous wastes. Prerequisite: 1 year of chemistry or permission of instructor. 3 credit hours.

CHEM 341 PHYSICAL CHEMISTRY I is a study of quantum theory, the electronic structure of atoms and molecules, group theory, and vibrational, electronic, and magnetic resonance spectroscopy. 3 hours lecture, 3 hours lab Prerequisite: Chemistry 342, MATH 202: 4 credit hours.

CHEM 342 PHYSICAL CHEMISTRY II

COMM 250 INTRODUCTION TO MASS COMMUNICATION acquaints the student with the basic forms of mass communication and the media through which messages are conveyed. Current media trends and their origins will also be studied. Prerequisite: ENG 104. 3 credits.

COMM 265 JOURNALISM introduces the student to the basic principles of journalistic writing, delving into the techniques of information gathering and good journalism. Prerequisite: ENG 104. 3 credits.

COMM 270 SPORTS JOURNALISM introduces students to the skills of a sports journalist, primarily the techniques and principles of interviewing, reporting, and writing sports. A hands-on approach is emphasized, with several opportunities for field experience. Prerequisite: COMM 265 or ENG 104. 3 credits.

COMM 280 CAREERS IN COMMUNICATION is an introduction to career opportunities, educational/experiential paths, and requirements communication students need to address prior to education. These objectives are achieved through personal assessment, contact with working communication professionals, and planning. 3 credits.

COMM 300 GROUP DYNAMICS introduces students to key communication skills and issues that occur within small, task-oriented groups. Topics such as group formation, group development, roles, power, listening, conflict, decision making, problem solving, and leadership are presented via a wide variety of thought-provoking exercises. The course concludes with a major small-group project that leads into a class presentation and a reflection paper. Crosslisted SOC 300. 3 credits.

COMM 321 MEDIA WRITING introduces the student to the elements of good broadcast news writing; proceeding from the gathering of information to the writing of the scripts to broadcast news techniques. 3 credits.

COMM 322 MULTIMEDIA DESIGN presents an overview of multimedia design considerations including interface design, interactive narrative structure, preproduction planning of projects, integration of different media into a unified concept and aesthetic, and also examines the history and development of multimedia. Prerequisite: ART 110. 3 credits.

COMM 325 POLITICAL COMMUNICATION is an inter-disciplinary class designed for the Honors Program that reviews the political dynamics of American Government in a context of oral and written communication strategies, rhetoric, political advertising, debates, and speech making. The class focuses on how people in our system form coalitions to impact society at the local, state, and national levels. Honors students only. Cross-listed POLS 325. 3 credit hours

COMM 329 HISTORY OF FILM This course examines the development of motion pictures from its beginning to the present day. Films will be screened representing various movements, periods, and styles. 3 credits.

COMM 330 THEORIES OF PERSUASION examines the process of persuasion from both a sender's and a receiver's perspective. Students learn how to be better consumers and creators or persuasive messages that target beliefs, attitudes, values, and behaviors. This highly interactive course places a premium on experiential learning as students engage in several projects, including the creation of a hypothetical entertainment service that they "sell" to another class. Crosslisted: PSY 451. 3 credits.

COMM 333 SERVANT LEADERSHIP engages students in understanding and applying theory and skills grounded in the biblical concept of servant hood. Students are challenged to become effective leaders who value service, individual dignity, growth, and wholeness. A primary component of the course is a small-group service project. 3 credits.

COMM 339 FILM AND VIDEO PRODUCTION introduces students to the world of film and video production. Students learn the process involved in preproduction, production, and postproduction throughout the development of digital video productions. 3 credits.

COMM 348 MULTIMEDIA PRODUCTION allows students in this course to work on and help create multimedia projects. Prerequisites: ART 110 and COMM 322. 3 credits.

COMM 351 RADIO PRODUCTION introduces the student to the elements of radio broadcasting, and considers the history, equipment, and techniques of radio production. Prerequisite: COMM 250. 3 credits.

COMM 354 GENDER AND COMMUNICATION studies the differences women and men exhibit when communicating. Verbal and nonverbal differences are studied, including why such differences occur.

COMM 470 INTERNSHIP includes acceptable work at a commercial communication enterprise. Prerequisites are explained in the internship packet, which may be obtained from any communication professor. 3-4 credits.

COMM 490 SENIOR SEMINAR allows students to demonstrate their communication competencies by writing a research paper related to their particular major and giving a public presentation. 3 credits.

COMPUTER SCIENCE

CSC 150 FOUNDATIONS OF COMPUTER SCIENCE provides a survey and overview of computer science. The view of a computer system as a combination of hardware, software, and people is explored in detail. The computer system as a tool for personal and professional problem solving is emphasized. Foundational computer science concepts along with terminology, ethical issues, application, and hands-on computer use are explored. Students select a topic of interest as a term project to augment class discussion and laboratory experiences. CSC 150 serves as the foundation for all further CSC courses and has no prerequisites; it is therefore suitable for all students as an introduction to the fascinating world of computer science. Prerequisite: CSC 150 with a grade of B or better and the equivalent of MATH 128 (algebra). 3 credits.

CSC 175 ADVANCED SOFTWARE APPLICATIONS allows the student to develop expertise in applying computer systems to a wide variety of personal and professional problems. Analysis of problems and synthesis of computerized solutions is emphasized. A unit approach allows the integration of current events, technology, concepts and practice. Selected topics include: web design, creation and interfacing techniques using HTML, ASP and Java; data communications and computer security; database design and SQL programming; advanced issues in productivity software (eg. data conversion, macros, objects, etc); information management and presentation; modeling and simulation; and human computer interface issues. Prerequisite: CSC 150 with grade of C or better. 3 credits.

CSC 250 COMPUTER SCIENCE, THEORY AND PRACTICE I studies the foundational issues of computer programming in detail. The primary course emphasis is on computer control structures (selection, repetition, procedure, etc) — how they are mathematically derived in theory and applied in the practice of problem solving. Algorithms will be transformed into modern high-level languages (such as C++) by following professional programming techniques. Prerequisites: CSC 150 with grade of B or better, prior programming experience (such as CSC 175), and MATH 128 or equivalent. 3 credits.

CSC 300 COMPUTER SCIENCE, THEORY AND PRACTICE II explores advanced topics of computer programming in some detail. The primary course emphasis is on computer data structures (stacks, queues, linked-lists, etc) - how they are mathematically derived in theory and applied in the practice of problem solving. Additional concepts to be studied include: encapsulation, information hiding, data abstraction, and efficient representation and manipulation of data. CSC 300 is a continuation of CSC 250 using a similar programming environment. Prerequisites: CSC 250 and MATH 220. 3 credits.

CSC 325 COMPUTER ORGANIZATION AND ARCHITECTURE investigates the internal hardware function and structure of a computer in depth. The programmer's relationship to architecture and the computer scientist's relationship to organization are studied. Major topics include: peripherals (I/O and auxiliary storage), the processor (CPU and main memory), ALU (computer arithmetic), and the CU (computer instruction sets). Student will construct computer circuits from component chips and carry out programming assignments in assembly language. Prerequisite: CSC 300. 3 credits.

CSC 350 COMPUTER OPERATING SYSTEMS examines the foundational concepts, functions, and structure of operating systems. The primary operating system jobs of resource management, interfacing, and command interpretation are studied in depth. The roles of computer scientist and systems software are investigated using both a microcomputer operating system and a large computer operating system. Students carry out a systems level programming project. Prerequisite: CSC 300. 3 credits.

CSC 370 SOFTWARE ENGINEERING affords the student the opportunity to explore the art and science of the programming process in great detail. Principles of design, support and management of software projects are investigated. The software development lifecycle is used as a vehicle for the study of the software development process from conception through birth and into maintenance, with an emphasis on design considerations, user and developer documentation, coding tools, and quality assurance. Actual programming projects are analyzed along with current research in the field. Two major software projects, one individual and one team, are synthesized by students using "professional programming practice." Knowledge of the programming environment utilized in CSC 300 is required. Prerequisite or Corequisite: CSC 300. 3 credits.

CSC 390 SPECIAL TOPICS IN COMPUTER SCIENCE treats new and interesting topics developed in computer science. Course content varies by semester. May be repeated with change of topic and consent of department chair for additional credit. Prerequisite: CSC 300. 1-3 credits.

CSC 400 INTERNSHIP consists of supervised work in a given area of computer science in an industrial or business setting. The topic of the internship is determined in conjunction with the responsible faculty, the on-site supervisor, and the student. 1 credit.

CSC 425 COMPUTER ORGANIZATION AND ARCHITECTURE II is a continuation of CSC 325. Advanced topics in organization and architecture are treated in depth. Concepts include: external interfacing, bus design, CU and ALU function and structure and parallel processing. Students will specify, design, and construct a hardware project. Prerequisite: CSC 325. 3 credits.

CSC 450 SYSTEMS SOFTWARE examines system-level software in depth: with an emphasis on translation software and data base systems. The interaction between systems-level software and the computer hardware is studied. The role of computer scientist in abstracting the hardware from the computer user is explored. Prerequisites: CSC 325 and CSC 350. 3 credits.

CSC 470 PROGRAMMING LANGUAGES surveys major topics in the design, analysis, implementation and use of high-level languages. The four major programming paradigms are studied (procedural, functional, object, and declarative). Programming projects in each paradigm are implemented. Prerequisites: CSC 300 and CSC 370. 3 credits.

CSC 490 SENIOR SEMINAR I provides the student the opportunity to explore the Grand Ideas of computer science in a systematic way. Senior computer science students will be exposed to a variety of fundamental computer science concepts within a sound philosophical framework. Current events and small scale projects will augment and reinforce computer science concepts. The senior computer science assessment examination will be administered in this course. Finally, groundwork preparation for the CSC 491 project will be laid. Prerequisite: Senior Standing in CS (consent of department chair). 3 credits.

CSC 491 SENIOR SEMINAR II provides the student the opportunity to showcase computer science problem solving skills by synthesizing an acceptable project. Students choose an acceptable problem and then fully implement the solution to that problem following professional programming practice. Students present their progress and project in both written reports and oral presentations. Prerequisite: CSC 370 at CUW, CSC 490. 3 credits.

DIAGNO DIAGN

ABDOMINAL ULTRASOUND III - 3 credits

RENAL The goal is to understand the make-up and function of the urinary system. Being able to differentiate between a normal and abnormal exam, be able to initiate a color flow and Doppler study of the renal artery and vein and able to locate a transplanted kidney. To be able to appreciate the use of different views and patient positions that are needed to produce a quality exam.

GI Provide the knowledge of the normal and abnormal GI Tract and learn the function and sonographic appearance of the GI tract.

TESTICULAR AND PROSTATE This course will enable the student to recognize the sonographic features of the normal and abnormal prostate and testicle. To be able to perform a color flow study of the testicles. To know the correct patient position for both a prostate and testicular exam.

BREAST Study of the normal and abnormal anatomy of the breast and how ultrasound works in conjunction with mammography in order to give the patient the most accurate diagnosis.

THYROID To acquaint the student with the many functions of the thyroid gland and parathyroid glands and to know the normal and abnormal sonographic appearance of the thyroid and parathyroid glands.

NEONATAL BRAIN This course is designed to introduce the student to the normal and abnormal anatomy of the neonatal brain, as well as some basic scanning techniques.

OB III - 3 credits

MATERNAL CONDITIONS AND FETAL ASSESSMENTS The goal of this course is to familiarize the student with the different types of maternal infections as well as the invasive and non-invasive test that may require ultrasound. The student will be able to recognize the different signs of a fetal demise and how to handle the situation.

FETAL ANOMALIES This course will focus on each of the fetal systems. Enabling the student to be able to differentiate between normal and abnormal fetal anatomy. Knowing what anomalies can be imaged with ultrasound and at approximately what fetal age these anomalies can be detected.

GYN ULTRASOUND III - 3 credits

UTERINE PATHOLOGY This class is a study of uterine masses, both benign as well as malignant pathologies of the uterus will be covered.

OVARIAN PATHOLOGY Is a study of the different types of ovarian masses. These masses can be benign or malignant, variable in size, and have different consistencies.

VASCULAR PHYSICS I - 3 credits This course will provide the student with the knowledge of equipment care and how to set up a quality assurance program. The bioeffects of ultrasound will be covered in detail, in order to protect the sonographer, as well as their patients.

VASCULAR TECHNOLOGY I - 3 credits

CAROTID Learn the use of gray scale, color, and Doppler in order to get a diagnostic image. Know the basic scanning techniques and techniques to overcome scanning problems.

VENOUS Gives the student knowledge needed to be able to identify normal versus abnormal venous anatomy. To further learn the use of grey scale, color, and Doppler in order to get a diagnostic image. Know the basic scanning techniques and techniques to overcome scanning problems.

VASCULAR PHYSICS II - 2 credits The goal of this class is to teach the many facets of spectral Doppler, to understand the Doppler effect, and how to recognize abnormal wave forms and Doppler values.

VASCULAR TECHNOLOGY II - 2 credits

ARTERIAL Is a study of normal and abnormal arterial anatomy, the basic technique for arterial pressure studies, identification of normal versus abnormal arterial readings, and criteria for when you can and cannot exercise a patient.

ABDOMINAL The object of this course is to be able to identify normal abdominal vascular anatomy, know proper patient positioning, be knowledgeable about techniques to overcome scanning problems, and able to identify normal versus abnormal waveforms.

Wheaton Franciscan Healthcare St Francis School of Diagnostic Medical Sonography Program

FOUNDATIONS OF ULTRASOUND This course helps the students adapt to the demands of a hospital based educational program. Course content includes hospital and department orientation, the function of imaging in medicine, ethics, infection control, terminology, ultrasound history, basic technique (Knobology), and equipment utilization.

ABDOMINAL SONOGRAPHY 1 This course focuses on normal gross anatomy, cross-sectional anatomy, and relational anatomy of the abdominal cavities, abdominal vessels, liver, and biliary system. Physiology and pathology are emphasized. Related laboratory values and other imaging modalities are discussed. Lectures are correlated with scanning lab demonstrations.

ULTRASOUND PHYSICS & INSTRUMENTATION 1: BASIC ULTRASOUND This course focuses on basic mathematical principles and ultrasound physics. The relationships between period, frequency, and wavelength are explored. A description of amplitude, power and intensity is given for both continuous wave and pulsed ultrasound. The student is taught the concepts of attenuation, reflection and refraction.

CLINICAL PRACTICUM 1 The students will receive clinical instruction at WFH- St. Francis. This instruction will concentrate on abdominal ultrasound but the student will be exposed to all facets of Sonography. Under the direct supervision of the clinical instructors and sonographers, students will perform that portion of the abdominal exam that they have attained proficiency in. (see proficiency/competency system). They will further observe all exams performed at the clinical site. Students will be evaluated monthly on their scanning abilities and patient care skills.

ABDOMINAL SONOGRAPHY 2 This course focuses on normal gross anatomy, cross-sectional anatomy, and relational anatomy of the pancreas, kidneys, spleen adrenals, GI tract, and abdominal wall. Physiology and pathology are emphasized. Related laboratory values and other imaging modalities are discussed. Lectures are correlated with scanning lab demonstrations. This is one of two courses that will contribute to a final grade in Abdomen Sonography.

ULTRASOUND PHYSICS & INSTRUMENTATION 2: INSTRUMENTATION This course focuses on the production of ultrasound and the processing of returning echoes for the fabrication of images. It discusses the various types of transducers and mechanisms for emitting and receiving sound waves. The schema of an ultrasound unit is discussed. The basic concepts of Doppler ultrasound and hemodynamics are introduced.

CLINICAL PRACTICUM 2 Students will receive continued instruction by clinical instructors and sonographers in the performance of abdominal ultrasound at WFH- St. Francis. Again students will perform that portion of the abdominal exam that they have completed proficiency for. Students will also be encouraged to perform other exams under the direct supervision of the clinical instructors and experienced sonographers. Students will be evaluated monthly on their scanning abilities and patient care skills.

PELVIC SONOGRAPHY This course focuses on the gross normal anatomy, embryology, disease processes and normal and abnormal scan appearances. Physiology, embryology, and the menstrual cycle are discussed. Congenital and acquired anomalies are also explored. Infectious and inflammatory processes as well as neoplasms of the vagina, uterus, ovaries, and surrounding adnexa are discussed. Lectures are correlated with scanning lab demonstrations.

SUPERFICIAL SONOGRAPHY This course focuses on the embryology, normal gross anatomy and cross-sectional anatomy of the breast, thyroid, scrotum, prostate, penis, and musculoskeletal ultrasound. The physiology, pathology, and pathophysiology of these organs will be discussed. The normal and abnormal sonographic appearance of the organs will be demonstrated as well as techniques for obtaining images. Correlation with laboratory values and other modalities will be discussed.

ULTRASOUND PHYSICS3: VASCULAR ULTRASOUND, QUALITY CONTROL & BIOEFFECTS This course focuses on the physics and instrumentation used in vascular physics. The hemodynamics, Doppler instrumentation, and bioeffects of ultrasound are discussed and the safe use of the technology is emphasized. Students are required to explore recent advances in ultrasound and make presentations. This course will prepare the student to take the Physics and Instrumentation Final Exam.

ABDOMINAL & PELVIC CASE REVIEW/FILM CRITIQUE 1 This course serves as an in-depth look at normal and abnormal abdominal and pelvic sonographic anatomy, interpretive, and technical considerations. The student will be required to present at least one case per session using prescribed methodology. The cases are designed to parallel the progression of lecture material. This course also encompasses rotations with the 'reading' radiologist while dictating exams.

CLINICAL PRACTICUM 3 Students will begin clinical rotations at other sites. They will be expected to fully perform abdominal Sonography. They will receive instruction and experience hands on scanning of superficial and pelvic Sonography. They will continue to observe all other exams that the clinical site performs. Students will be evaluated monthly on their scanning abilities and patient care skills.

OBSTETRICAL SONOGRAPHY 1 This course focuses on the gravid uterus and fetal development. Spontaneous abortion and ectopic pregnancies will be discussed. The function of the placenta, umbilical cord and amnion will be detailed. The normal 2nd and 3rd trimester fetal anatomy will be explained. The types of fetal ultrasound will be explored.

VASCULAR SONOGRAPHY 1 The purpose of this course is to prepare the student to perform peripheral arterial and venous vascular ultrasound. It will introduce the student to the ultrasound physics and instrumentation involved performing vascular ultrasound. It then moves to the concepts of peripheral arterial and venous hemodynamics. The anatomy, physiology and pathology of the peripheral arterial and venous vasculature will be addressed. The ultrasound tests used to diagnose peripheral arterial and venous pathology will be described and the student will be taught to perform each of these tests. Scan labs will be integrated into the curriculum to provide hands-on skills. The student will become acquainted with other modalities that perform peripheral arterial and venous tests and the relative strengths and weaknesses will be explored.

PEDIATRIC & INVASIVE SONOGRAPHY This course will explore the uses of ultrasound that are either done rarely or practiced in specialized settings. Neonatal head, pediatric spine, abdominal, and hip ultrasound. Physiology, pathology, and related laboratory values are emphasized.

PELVIC & ABDOMINAL CASE REVIEW/FILM CRITIQUE This course serves as an in-depth look at normal and abnormal pelvic, abdominal, superficial and 1st Trimester Obstetric sonographic anatomy and interpretive and technical considerations. The student will be required to present at least one case per session using prescribed methodology. The cases are designed to parallel the progression of lecture material.

CLINICAL PRACTICUM 4 Students will continue their clinical rotations at various sites. They will experience a variety of patient populations, with differing ethnic and socioeconomic backgrounds. They will begin performing obstetric exams under direct supervision. They will be expected to completely perform abdominal exams as well as superficial and pelvic exams under supervision. Students will be evaluated monthly and are expected to attain proficiencies and competency in pelvic ultrasound.

OBSTETRICAL SONOGRAPHY 2 This course focuses on the 2nd and 3rd trimester scan. Gestational dating, maternal and fetal complications, fetal anomalies, and pathologies are emphasized. Models are used during the integrated scan labs to give the student proctored, hands-on scanning experience.

VASCULAR SONOGRAPHY 2 The purpose of this course is to prepare the student to perform cerebrovascular and visceral Vascular Ultrasound. The student will also become familiar with pre and post testing for dialysis grafts and shunts. It will introduce the student to the instrumentation involved performing these exams. The concepts of cerebrovascular hemodynamics will be taught. The anatomy, physiology and pathology of the cerebrovascular and visceral systems will be addressed. The ultrasound tests used to diagnose cerebrovascular and visceral pathology will be described and the student will be taught to perform each of these tests. Scan labs will be integrated into the curriculum to provide hands-on skills. The student will become acquainted with

ECONOMICS

ECON 200 PRINCIPLES OF ECONOMICS offers a single semester introduction to both Micro and Macro Economics. Students emerge with a basic understanding of the concepts behind economists' analysis of labor and product markets as well as business decisions. They also learn to recognize the perspectives of macroeconomists and evaluate how fiscal and monetary policy may adversely or positively impact the macro-economy. 3 credits.

ECON 222 MACRO-ECONOMICS presents principles and theories of macro-economics with emphasis on economic policies and their impact on the national welfare. Special attention is given to the application of economic thinking methods to solving the macro economic problems. 3 credits.

ECON 231 MICRO-ECONOMICS provides a unifying theme of micro-economics, showing how micro economics is the synthesis of theories, decision sciences, and the various fields of business administration studies. The special emphasis is placed on the interaction between the firm's business strategy and the market structure as the firm attempts to reach optimal performance in the face of economic constraints. 3 credits.

ECON 315 MACROECONOMIC CRISES IN HISTORY analyzes the causes and consequences of Macroeconomic Crises in history and provides insight into whether or not these crises can be avoided or ameliorated by wise government economic policies. Particular crises analyzed include the South Sea Bubble, the Great Depression, and the current economic crisis, which is sometimes referred to as the "Great Recession." 3 credits.

ECON 320 MONEY AND BANKING is a functional analysis of financial institutions with emphasis on commercial banking. It includes a review of the nature, history, and functions of money creating depository institutions. It also includes an examination of the role of central banks and the implications of monetary and fiscal policy for economic growth, inflation, employment, trade, and exchange rates. Prerequisites: ECON 221, ECON 231, and FIN 300. 3 credits.

ECON 322 INTERMEDIATE MACROECONOMICS explores several theoretical models relating to the determinants of unemployment, inflation, economic growth, and economic stability in a primarily market based economy. Within this framework, the impact of fiscal and monetary policy is explored within the context of the current economic environment. This course is designed to utilize theoretical and mathematical tools that are more advanced than those applied in the introductory macroeconomics course. Prerequisites: ECON 222. 3 credits.

ECON 331 INTERMEDIATE MICROECONOMICS provides a rigorous analysis of consumer preferences as related to the demand for goods and services, as well as the theory of the firm which relates market structure to the supply of goods and services and the efficient allocation of scarce resources. This course is designed to use theoretical and mathematical tools that are more advanced than those applied in the introductory microeconomics course. Prerequisites: ECON 231. 3 credits.

ECON 370 INTERNATIONAL ECONOMICS provides an up-to-date and balanced approach to world economic relations by integrating theories of international economics with globally empirical evidence. The special attention is given to the current process of globalization, increasing volume of international trade, foreign direct investments, cross-border lending, and international portfolio investment. Prerequisites: ACCT 102, ECON 222, ECON 231, FIN 300, MKTG 131. 3 credits.

ECON 430 INTERNATIONAL FINANCE examines the role of international financial management with emphasis on multinational corporations. It discusses topics such as the foreign exchange market and the determination of exchange rates, the exchange risk exposure as it impacts management's decisions, the multinational corporation (MNC) and foreign direct investment (FDI), the rationality of FDI flows, the management of foreign operations, and the determinants of international flows of goods and funds. Prerequisites: ECON 222, ECON 231, and FIN 300. 3 credits.

EDUCATION

ED 100 PRE-UDS is a seminar for education majors who have not yet obtained Upper Division Status. Pre-UDS orients students to the education program and the process of achieving Upper Division Status. Major components include the clinical experiences and the Pre-Professional Skills Test. When clinical hours are completed, credit is given through ED 211, ED 212, and ED 213. Students should register for ED 100 every semester until Upper Division Status is achieved. 0 credits.

ED 102 FOUNDATIONS OF EDUCATION is a critical examination of the forces that have shaped formal and informal education, especially as they affect American urban education. Historical, philosophic, scientific, and social foundations are related to contemporary issues. This is an introduction to the teaching profession. Technology is integrated throughout this course. 3 credits.

ED 103 HUMAN RELATIONS FOUAMAN RELATI

ED 252 TEACHING ADOLESCENT LITERATURE provides an introduction to the student to a variety of strategies for presenting adolescent literature in the classroom. The course includes an overview of genres along with an introduction to important early texts as well as current adolescent/young adult texts appropriate for classroom use. Students will explore the issues of diversity, censorship, and privacy within relevant family and community situations. Attention is also given to authors in the field and also will identify criteria for selecting award-winning books. 3 credits.

ED 275 HUMAN LEARNING explores theories of human development, learning, and motivation. The practical applications of these theories in educational psychology are presented.

ED 356 MATHEMATICS IN EARLY CHILDHOOD explores content, materials, and strategies for teaching and assessing young children mathematics. Current research in early childhood mathematics education is emphasized. Preservice teachers will teach mathematics in local schools and develop a philosophy for teaching mathematics. Prerequisites: MATH 119 & 120; Upper Division Status. 3 credits.

ED 357 SCIENCE & ENVIRONMENT IN EARLY CHILDHOOD explores basic science concepts through discussion and hands-on experience. Students are helped to choose appropriate topics that may be integrated into other curriculum areas. Students learn to view and support young children as theory builders who discover science in their environment as appropriate topics are integrated into other curriculum areas. Prerequisite: SCI 150, SCI 155, Upper Division Status. 3 credits.

ED 358 LANGUAGE DEVELOPMENT AND EMERGENT LITERACY is a study of the ways children develop as oral language users, readers, and writers. Includes study of children's language usage, shared book experience, skills in organizing the environment, stages of writing, and journal writing. The course will examine current research, curriculum practices, and instructional strategies. Prerequisites: Upper Division Status and ED 204. 3 credits.

ED 359 CURRICULUM AND TECHNIQUES IN EARLY CHILDHOOD I is a study of developmentally appropriate practices, with emphasis on the nature and functions of play. Curriculum design, goal development, and program planning will be examined. To be taken prior to student teaching. Prerequisite: Upper Division Status. 3 credits.

ED 362 FAITH DEVELOPMENT OF YOUNG CHILD is a study of how faith develops in the young child. Students create workshops, lessons, and activities to support the development of faith in children birth to age 8. Team ministry and modeling the Christian lifestyle are areas of focus. Prerequisites: Upper Division Status, ED 358, ED 359. 3 credits.

ED 370 ANALYSIS OF INSTRUCTION – SECONDARY/MIDDLE emphasizes writing of course objectives and lesson plans, instructional strategies, along with classroom management and discipline techniques. Prerequisite: Upper Division Status or consent of instructor. 3 credits.

ED 372 CURRICULUM AND METHODS IN TEACHING ENGLISH-SECONDARY/MIDDLE focuses on teaching concepts and instructional strategies in the teaching of secondary and middle school English. Includes the construction of unit and lesson plans using a variety of resources and instructional tools. Prerequisites: Upper Division Status and ED 370. 3 credits.

ED 373 CURRICULUM AND METHODS IN TEACHING SOCIAL STUDIES-SECONDARY/ MIDDLE combines principles and specific methods for teaching social studies in the secondary and middle school. National standards and the various philosophies of teaching social studies will be discussed. Prerequisites: Upper Division Status and completion and ED 370. 3 credits.

ED 374 CURRICULUM & METHODS IN TEACHING MATHEMATICS-SECONDARY/MIDDLE combines principles and specific methods of teaching mathematics in the secondary school. National trends and current philosophy of teaching mathematics are discussed. Prerequisites: Upper Division Status and ED 370. 3 credits.

ED 375 CURRICULUM AND METHODS IN TEACHING RELIGION-SECONDARY/MIDDLE studies curriculum materials and resources available for high school and middle school religion instruction as well as strategies for teaching. Prerequisite: completion of Core theology requirements and either REL 204 or REL 404. Prerequisites: Upper Division Status or consent of instructor and ED 370. 2 credits.

ED 376 CURRICULUM AND METHODS IN TEACHING SCIENCE-SECONDARY/MIDDLE combines current research on learning theory with principles and specific methods of teaching science in the middle and secondary schools, including instruction in the use of audio-visals. Prerequisites: Upper Division Status or consent of instructor and ED 370. 3 credits.

ED 377 CURRICULUM AND METHODS IN TEACHING BUSINESS EDUCATION combines principles and specific methods in teaching business in the middle and secondary schools, including instruction in the use of audio-visals. Prerequisites: Upper Division Status or consent of instructor and ED 370. 3 credits.

ED 379 CURRICULUM AND METHODS IN TEACHING MUSIC - (K-12) covers philosophical foundations of music education, levels of objectives with emphasis at the program and instructional level, characteristics of children and adolescents relevant to teaching music, classroom and rehearsal management, and methods for teaching music to students in grades K-12. Prerequisites: Upper Division Status or consent of instructor and ED 370. 3 credits.

ED 383 COMMUNICATION ARTS IN THE CONTENT AREAS provides an in-depth study of the relationship of reading, writing, speaking and listening to the curriculum of middle and secondary schools. Emphasis is on the practical application of reading theory to content, lesson planning and instruction. Prerequisite: Upper Division Status. 3 credits.

ED 401 READING STRATEGIES FOR THE CLASSROOM provides students with multiple reading and learning strategies to use across the curriculum. Theoretical models of reading and instructional approaches to the teaching of reading are reviewed, including developmentally appropriate instructional methods for teaching phonics and spelling. Although students are not encouraged to take any course work during student teaching, ED 401 is suitable to take concurrent with student teaching. Permission of the Elementary Education Department Chair is required to take ED 401 concurrent with student teaching. Prerequisites: Upper Division Status, ED 204 completed, ED 301 or concurrent. 2 credits.

ED 402 CURRICULUM & METHODS OF ART: ELEMENTARY/MIDDLE explores the critical importance of visual learning experiences within the elementary/middle school curriculum. Considers the developmental stages of children's artistic and graphic arts. Prerequisite: Upper Division Status and ED 370. 3 credits.

ENGLISH

ENG 094 COLLEGE WRITING FOR INTERNATIONAL STUDENTS is a developmental course for International students who have successfully completed or tested out of ESL classes but may still have difficulty with college level writing. This course focuses on academic writing, particularly research skills. 3 credits.

ENG 095 DEVELOPMENTAL ENGLISH I emphasizes the improvement of written and verbal vocabularies and reading comprehension. In addition, it focuses on the application of basic English grammar usage to improve writing. Required of provisional students. Crosslisted DEV 095. 3 credits.

ENG 102 BASIC ENGLISH GRAMMAR AND USAGE is an elementary grammar course that focuses on basic principles of grammar and usage. It is intended for students whose background in grammar is weak, or for students who wish to brush up on their understanding of concepts and terminology. Emphasis is placed on applying principles in written communications and developing proofreading skills. 3 credits.

ENG 103 CIVILIZATIONS & WORLDVIEWS: LITERATURE

ENG 465 SHAKESPEARE examines the major works of Shakespeare including examples from the comedies, histories, tragedies, and the sonnets. Junior standing. Prerequisite: ENG 103. 3 credits.

ENG 475 LITERARY CRITICISM considers premise and methods of criticism. The course will survey the various modern approaches to literature - formalist, genre, archetypal, historical - and will provide exercises in practical criticism of literary work. Junior standing. Prerequisite: ENG 103. 3 credits.

ENG 495 SENIOR SEMINAR provides students the opportunity to begin a research project in the humanities. The first semester is designed to integrate the humanities and to develop a Christian perspective on the arts, culminating in the development of a research topic. 1 credit.

GEOGRAPHY

GEOG 220 CULTURAL GEOGRAPHY Technology has now created the possibility and even the likelihood of a global culture. The Internet, fax machines, satellites, and cable TV are sweeping away cultural boundaries. Global entertainment companies shape the perceptions and dreams of ordinary citizens, wherever they live. This spread of values, norms, and culture tends to promote Western ideals of capitalism. Will local cultures inevitably fall victim to this global "consumer" culture? Will English eradicate all other languages? Will consumer values overwhelm peoples' sense of community and social solidarity? Or, on the contrary, will a common culture lead the way to greater shared values and political unity? This course looks at these and other issues of culture and globalization. 3 credits.

GEOG 246 THE WORLD'S OCEANS is a study of the chemical, geologic, physical, and biological features of Earth's oceans. Topics covered include the history of oceanography, chemistry and physical properties of sea water, waves, global currents & seas, and submarine morphology. The laboratory component gives students hands-on experience learning the topics covered by the course. Cross-listed (Oceanography) SCI 246. 4 credits.

GEOG 250 ECONOMIC GEOGRAPHY is the spatial study of the world's economic development and distribution of goods and services as measured by economic indicators such as per capita income and GNP; global demographics; and cultural patterns. The class is structured on a lecture, research, and presentation basis. The primary contributors to the class will be the students using information from the text and other sources. Prerequisite: GEOG 220 or permission of instructor. 3 credits.

GEOG 271 THE GEOGRAPHY OF ISRAEL is a study of the topography, geology, hydrology, climate, forestation, urbanization, land use, transportation and political divisions of ancient Israel. Each region of ancient Israel will be surveyed for its geography. The class will then measure the impact of that geography on biblical events (historical geography) and the impact of that geography upon the narration of those events (narrative geography). Prerequisite: Rel 100 or equivalent experience. 3 credits.

GEOG 295 THE WORLD'S CLIMATES provides a physical description of the weather variables (temperature, wind, moisture, pressure, solar radiation, vorticity, etc.) and the relationships that exist among them. This knowledge will be used to explain weather events such as frontal passages, cloud formation, thunderstorms, and tornadoes. This course will also investigate techniques of forecasting future weather events. Cross-listed (Meteorology) SCI 195. 3 credits.

GEOG 311 PHYSICAL GEOGRAPHY is an integrated study of the materials & physical features of the earth and the processes that form and shape them. Map skills are also developed. Cross listed SCI 135. 4 credits.

GEOG 356 GLOBAL ENVIRONMENTAL ISSUES is a study of current concerns, problems, and progress in addressing global environmental issues. Examples from different countries and cultures will be studied to illustrate these concerns and build a global perspective on environmental issues. Crosslisted SCI 256. 4 credits.

GEOG 367 THE CARIBBEAN: ITS LAND AND PEOPLE is a field study of tropical habitats and organisms as well as their interactions with humans. Requires class travel to the Caribbean or Central America.. Students will experience the influence of Spanish, French, Dutch, British, African, and US cultures on this diverse region. Crosslisted: BIO 367 (Caribbean). 3 credits.

GERMAN

GER 101 BEGINNING GERMAN I is for students who have had no previous formal course work in German. Students will begin to develop listening, speaking, reading, and writing skills in the German language. 4 credits.

GER 102 BEGINNING GERMAN II is a continuation of GER 101 and will develop those abilities in listening, speaking, reading, and writing begun in GER 101. Prerequisite: GER 101. 4 credits.

GD 360 WEB DESIGN I introduces students to the practical aspects of web design techniques and technology. Provides basic understanding of the major applications used in commercial website design (including but not limited to Adobe Photoshop/Image Ready, Dreamweaver and Flash) and the integration of these applications into the workflow of site design, from the initial concept to final execution. Studio Fee. 3 credits.

GD 361 WEB DESIGN II building on basic skills developed in Web Design 1, students gain increased familiarity with the standard applications of web design (Photoshop/Image Ready, Dreamweaver and Flash), interweaving them to create a more advanced web experience. Overall focus centers on design, but students will also learn more intricate coding. Key topics include Cascading Style Sheets (CSS), JavaScript (JS), Extensible Hypertext Markup Language (XHTML), Application Development (with PHP scripting and MySQL databases) and ActionScripting in Flash. Prerequisite: Web Design I. Studio Fee. 3 credits.

GD 460 GRAPHIC OUTLOOK I leverages advanced layout and design techniques for electronic and print media. Graphic Outlook students utilize a variety of software including but not limited to Adobe Creative Suites, Macromedia, iLife, iWork and Microsoft Office to solve real world design problems. Includes experience in prepress and client interface. Consent of instructor required. Studio Fee. 3 credits.

GD 461 GRAPHIC OUTLOOK II provides continued instruction in advanced layout and design for electronic and print media. Students utilize advanced software such as, Adobe Creative Suites, Macromedia, iLife, iWork and Microsoft Office work to create a professional portfolio and begin to develop a client base. Prerequisite: Graphic Outlook I. Studio Fee. 3 credits.

GD 462 GRAPHIC OUTLOOK III Prerequisite: Graphic Outlook Studio Fee. 3 credits.

GD 463 GRAPHIC OUTLOOK IV Prerequisite: Graphic Outlook Studio Fee. 3 credits.

HHP 273 INTRODUCTION TO ATHLETIC TRAINING LAB is designed to give the student the opportunity to practically apply various skills related to the athletic training profession. To be taken in conjunction with HHP 272. 0 credits.

HHP 275 ADMINISTRATION AND ORGANIZATION OF SPORT introduces the student to administrative and organizational policies, procedures, budget principles, public relations, legal considerations, event management, safety consideration and other issues at all levels of sport. Students are involved in selected hands-on experiences at various levels and types of participation. 3 credits.

HHP 280 PSYCHOLOGY OF SPORT introduces students to various psychological tools and techniques designed to help athletes reach their potential. This course covers assessment strategies, trends and measurement techniques. It provides students with strategies for assisting athletes to perform well. 3 credits.

HHP 281 THEORIES AND TECHNIQUES OF COACHING SOFTBALL provides students with the theoretical and philosophical information necessary for the successful coaching of softball as well as skill analysis, drill development, tactics, strategies and other coaching techniques. 2 credits.

HHP 282 THEORIES AND TECHNIQUES OF COACHING BASKETBALL provides students with the theoretical and philosophical information necessary for the successful coaching of basketball as well as skill analysis, drill development, tactics, strategies and other coaching techniques. 2 credits.

HHP 284 THEORIES AND TECHNIQUES OF COACHING FOOTBALL provides students with the theoretical and philosophical information necessary for the successful coaching of football as well as skill analysis, drill development, tactics, strategies and other coaching techniques. 2 credits.

HHP 286 THEORIES AND TECHNIQUES OF COACHING TRACK AND FIELD provides students with the theoretical and philosophical information necessary for the successful coaching of track and field. Event analysis, training theory, individual and team strategies and other coaching techniques are covered. 2 credits.

HHP 287 THEORIES AND TECHNIQUES OF COACHING SOCCER provides students with the theoretical and philosophical information necessary for the successful coaching of soccer as well as skill analysis, drill development, tactics, strategies and other coaching techniques. 2 credits.

HHP 288 THEORIES AND TECHNIQUES OF COACHING VOLLEYBALL provides students with the theoretical and philosophical information necessary for the successful coaching of volley theoretical and philosophical information

skill analysis, drill development, tactics, strategies and other coaching techniquesO

HHP 371 EXERCISE PHYSIOLOGY involves the application of anatomical and physiological processes to human movement, physical performance and rehabilitation. Prerequisites: BIO 270 or BIO 276; BIO 272 or BIO 278. Primarily for Physical Education majors. 3 credits.

EXPH 371 EXERCISE PHYSIOLOGY involves the application of beginning and more advanced anatomical and physiological processes to human movement, physical performance and rehabilitation. Prerequisites: BIO 270 or BIO 276; BIO 272 or BIO 278. Primarily for Athletic Training majors. 3 credits.

HHP 372 RECOGNITION AND EVALUATION OF ATHLETIC INJURIES I involves the study of the assessment and management of athletic injuries to the foot, ankle, lower leg, knee, shoulder, elbow, wrist and hand. HHP 374 must be taken in conjunction with HHP 372. Prerequisites: HHP 272/273, BIO 270/272 or BIO 275/276 or BIO 280/282. 3 credits.

HHP 373 MOTOR DEVELOPMENT

LAT 306 READING IN LATIN II is a continuation of LAT 305, and is designed for the student who is comfortable with translating Latin poetry and prose into English. Representative authors for this class include Caesar, Catullus, Livy, Sallust, and Tacitus. The student also sees how these authors have influenced the culture of not only their own world, but of the present age. Prerequisites: LAT 305 or approval of instructor. 3 credits.

LAT 345 MAJOR LATIN AUTHORS I focuses on a single author, whose Latin writings will be explored in depth. Grammar and syntactical styles associated

MKTG 422 MARKETING MANAGEMENT studies marketing and the related management functions. Prerequisites: MKTG 131, ECON 231, and ECON 222. 3 credits.

MKTG 426 MARKETING RESEARCH presents the methods and measurements appropriate for deriving meaning for problems concerned with decisional research. Cases demonstrate the concepts and techniques of decisional research constrained by time and economic considerations. Prerequisites: MKTG 131 and BUS 315.

MATH 490 MATHEMATICS SENIOR SEMINAR is a culminating undergraduate experience in mathematics. It provides an opportunity for student to work with a specific topic from the spectrum of mathematical knowledge. An individual research project will be required. Prerequisite: Senior standing and at least 24 credits in mathematics courses. 3 credits.

MEDICAL ASSISTANT PROGRAM

MA 100 INTERPERSONAL COMMUNICATION presents an overview of interpersonal communication and works to improve students interpersonal communication skills. Includes principles of verbal and nonverbal communication, fundamental writing skills, and how to adapt communication for individual needs. Students will be able to initiate, recognize and respond to verbal, nonverbal, and written communication. 3 credit hours.

MA 210 ADMINISTRATIVE PROCEDURES I introduces the student to basic medical office functions, bookkeeping and basic accounting, insurance billing and coding, and facility management. The student will learn to perform clerical functions, bookkeeping procedures, prepare special accounting entries, and process insurance claims. Practice with EMR systems is also included. 2 credit hours.

MA 140 MEDICAL LAW AND ETHICS is a lecture discussion course designed to present legal guidelines and requirements for health care. Included are topics such as personal attributes of health care workers, job readiness issues, workplace dynamics, and different allied health professions and credentialing. Medical ethics and bioethics are discussed as well as risk management issues as they relate to the practice of medicine and the practice of medical assisting. Students will learn to identify and respond to issues of confidentiality, perform within legal and ethical boundaries, establish and maintain the medical record, and document appropriately. 3 credit hours.

MA 230 ANATOMY AND PHYSIOLOGY I teaches the basic structure of medical terms and how to build words from word parts. This course also includes applications of medical terminology and correct pronunciation of medical terms. It covers the anatomy and physiology of body systems including the digestive, urinary, and musculoskeletal. It presents common pathology and diseases of each system along with diagnostic and treatment modalities. 3 credit hours.

MA 270 CLINICAL PROCEDURES I presents information about medical asepsis and infection control, sterilizing and sanitizing equipment, and obtaining and recording vital signs. Students learn proper patient preparation for and how to assist the physician with different types of examinations. Students demonstrate their ability to perform skills through competency testing. Theory is presented in conjunction with planned student activities.. 2 credit hours.

MA 250 LABORATORY PROCEDURES I is designed to instruct in the collection and preparation of laboratory specimens. It covers information about the laboratory setting, including CLIA. Routine laboratory testing in the areas of hematology and blood chemistry will be performed on blood specimens collected in class by the venipuncture or skin puncture methods. 2 credit hours.

MA 130 CARDIOPULMONARY RESUSCITATION provides instruction in the American Heart Association training for Healthcare Providers. Covers rescue breathing, cardiopulmonary resuscitation, use of an AED, and how to care for choking victims. Techniques for caring for infants, children and adults are covered. 1 credit hour.

MA 220 ADMINISTRATIVE PROCEDURES II continuation of Administrative Procedures I. Additional practice related to the medical office, job interviewing techniques and resume preparation also included.. 2 credit hours.

MA 110 PSYCHOLOGY is an introductory survey course acquainting the student with the procedures, principles, theories, and vocabulary of psychology as a science. It includes the basic principles, developmental stages of the life cycle, mental health and applied psychology. Also covered are the effects of heredity, environment, and culture on development. 3 credit hours.

MA 240, ANATOMY AND PHYSIOLOGY II covers body systems including respiratory, cardiovascular, blood and lymphatic, integumentary, endocrine, and sense organs. It integrates medical terminology with each body system. It also includes pathology and diseases of each system along with diagnostic and treatment modalities. 3 credit hours

MA 280 CLINICAL PROCEDURES II instructs students in administration of medication, injections, assisting with minor office surgery, performing eye and ear assessments, the use of physical agents to promote tissue healing, and emergency procedures. There is also a section on cardiopulmonary procedures and electrocardiography. Students demonstrate their ability to perform skills through competency testing. Theory is provided in conjunction with planned activities. 2 credit hours.

MA 150 PHARMACOLOGY provides students with an introduction to pharmacology. It covers all categories of drugs, their generic equivalents, and their actions as well as the body systems affected by them. The course includes dosage calculation, adverse reactions, contraindications, precautions, interactions, administration, and patient management. 2 credit hours.

MA 260 LABORATORY PROCEDURES II students will learn the importance of quality control, and instructing patients in proper collection techniques. Male reproductive health and colon procedures are covered as well as information on radiology and diagnostic procedures. Routine laboratory testing in the areas of urinalysis, microbiology, and serology is performed on collected specimens. 2 credit hours.

MA 300 MEDICAL ASSISTANT PRACTICUM provides the student with an opportunity to demonstrate application of learned concepts, principles, and procedures required to assist the physician in daily office activities within a supervised ambulatory health care setting. Each student must complete a minimum of 160 hours. 3 credit hours.

REL 100 THE BIBLE is an overview of the Bible intended to acquaint the student with its background, content and messages. This introductory course satisfies the core curriculum requirements for Bible content for students who are not in a church work program.. 3 credit hours.

MUSIC

MUS 080 MUS 080 RECITAL/CONCERT is for 0 credits, however, attendance is required of all music majors every semester. In order to satisfy this requirement, evidence of 4* attended programs each semester must be files with the Music Office. * *In the event that 4 campus concerts/recitals are not scheduled, the minimum number will be set by the Department Chair for that semester.*

MUS 100 PIANO CLASS provides group instruction emphasizing the development of basic keyboard skills and instruction in reading both G and F clef notation. No prerequisite. 3 credits.

MUS 171 CREATIVE ARTS - MUSIC provides students with an opportunity to experience music in its' many forms by learning the elements of music and studying how these elements are used in various styles, as well as by providing musical experiences such as singing, playing and dancing. 3 credits.

MUS 180 CHAPEL RINGERS is comprised of 11-13 handbell ringers which performs primarily for on-campus chapel services and concerts. Membership by audition only, preferably for the entire academic year. 1 credit.

MUS 181 WIND ENSEMBLE is the premiere university instrumental ensemble which performs concerts throughout the academic year. The ensemble maintains a repertoire of both secular and sacred music. The ensemble performs in both worship and non-worship settings. Participation in annual winter tour is required. Membership in audition only. 1 credit.

PHYS 151 GENERAL PHYSICS I is a survey of physics including classical mechanics, mechanical waves and sound, and heat and thermodynamics. Involves the use of algebra and trigonometry, and emphasizes numerical problem solving. One laboratory per week. Prerequisite: MATH 128. 4 credits.

PHYS 152 GENERAL PHYSICS II is a continuation of PHYSICS 151 and includes classical electricity and magnetism, electric current and circuits, light waves, and geometric optics. One laboratory per week. Prerequisite: PHYS 151. 4 credits.

POLITICAL SCIENCE

POLS 101 INTRODUCTION TO POLITICAL SCIENCE is an analysis of the structure and operation of the American political system, along with a comparison of the characteristics of liberal democracy with those of such competing ideologies as nationalism, communism, socialism, anarchism, and fascism. 3 credits.

POLS 201 AMERICAN GOVERNMENT studies the basic foundations and underlying principles of American national, state, and local government. Crosslisted JPP 101. 3 credits.

POLS 221 ENVIRONMENTAL POLICY This course provides an introduction to the study of environmental politics and policy in the United States. The course addresses how environmental policy is made at the local, state, and national level in policy issues such as air and water pollution, waste management, and energy. Through case studies, students learn to appreciate the scientific, political, and human dimensions of environmental policies. 3 credits.

POLS 255 THE PRESIDENCY studies both the person and the office of the president historically and contemporarily. Emphasis will be placed on the religion that American presidents bring to and practice in office.

POLS 285 AMERICAN POLITICS AND HEALTH CARE POLICY introduces the students to the policy-making process in the United States by focusing on the three branches of government - legislative, executive, and judicial - as well as the context of environment in which political decisions about health care policy are made. Activities will help students appreciate how the American political system has evolved, understand its everyday impact on the lives of students, and evaluate recommended changes to the system, particularly in the health care arena. 3 credits.

POLS 300 COMPARATIVE POLITICS introduces students to central concepts of comparative politics, including power, state formation, political economy, political culture, nationalism and identity, democratization, and globalization. Prerequisites for Political Science majors and minors: POLS 101 and POLS 201. 3 credits.

POLS 310 INTERNATIONAL RELATIONS introduces students to the fundamentals of international politics and international organization, particularly the United Nations and its specialized agencies. Prerequisites for Political Science majors and minors: POLS 101 and POLS 201. 3 credits.

POLS 325 POLITICAL COMMUNICATION is an inter-disciplinary class designed for the Honors Program that reviews the political dynamics of American Government in a context of oral and written communication strategies, rhetoric, political advertising, debates, and speech making. The class focuses on how people in our system form coalitions to impact society at the local, state, and national levels. Honors students only. POLITICAL C

RT 369 METHODS OF PATIENT CARE This is a three-credit course; content is designed to provide the basic concepts of patient care, including consideration for the diversity, physical and psychological needs of the patient and family. In addition the course will provide the intern with advanced knowledge of aseptic and sterile techniques, venipuncture, pharmacology and medical ethics and law. Evaluation will be on the basis of quizzes, unit tests, and a final exam.

RT 423 RADIOGRAPHIC PROCEDURES III This is a one-credit course, utilizing lectures, demonstrations and laboratory practice. Radiographic anatomy and procedures for the cranium, facial bones will be discussed. Pediatric imaging for each procedure will be discussed. The interns will identify radiographic anatomy, assess radiographic images for accurateness and identify evaluation criteria for a variety of procedures. Historical exams and special fluoroscopic imaging will also be presented. This course integrates knowledge and skills from several didactic units. Evaluation will be based on quizzes, unit tests and a final exam.

RT 424 RADIOGRAPHIC PROCEDURES IV This is a three-credit course. Topics to be covered include Special Orthopedic positioning, special gastrointestinal positioning, interventional procedures, basic principals of CT and MRI imaging. Evaluation will be on the basis of quizzes, tests and a final exam.

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REL 215 FRIENDSHIP EVANGELISM develops the ability of the student to share the Gospel with a non-Christian in the context of a growing friendship. Prior enrollment in REL 210 is recommended. Outreach elective (evangelism). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 221 LUTHERAN WORSHIP introduces the main terms and elements of traditional and contemporary worship. The student is exposed to a variety of art forms and the ways in which they can be incorporated into the worship experience. Along with learning the principles involved in assisting with leading a worship service, the student practices these skills in the community. This course prepares the student for REL 222 Worship Practicum. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 227 YOUTH MINISTRY I equips the student with the understanding, attitudes, and the theory needed to develop a ministry with and for youth in a congregation. Along with the scriptural and theoretical principles of youth ministry, this course prepares students for practical experiences encountered in REL 245 Ministry Practicum. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 229 RELIGIOUS EDUCATION OF YOUTH AND ADULTS equips the students with practical methods, skills, and resources to teach religion to youth and adults in a parish setting. Provides students with opportunities to strengthen their ability to communicate the Gospel effectively. Religious education elective. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 233 COMMUNICATING BIBLE MESSAGES helps the student acquire greater skill in communicating meaningful Bible messages, by learning the theory and practice of analyzing a text of Scripture, writing a message for a specific audience based on that text, and delivering the message. Topical and other creative approaches will also be examined. Religious education elective. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 245 MINISTRY PRACTICUM is intended for any student interested in practical experience in a specified area of church work. Forty hours for each

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RECEMpaaw 10T02Es: ntss(REL 10 COREL 110 or 204).NICATING BIBLE MESSAGES.NICATING BIBLE MESSAGES

REL 340 LIFE OF CHRIST studies the religious and social conditions of the world into which Christ came, His life and teachings as found in the four Gospels, with an overview of the opinions expressed in the apocryphal Gospels, the ancient Church, and modern historical criticism. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 342 DEAD SEA SCROLLS investigates how these 2,000-year old documents have changed the way people think and write about the Bible and provide a valuable window into the early history of Jews and Christians. Students will be challenged to discover answers to the continuing questions of modern biblical and historical scholarship as it relates to the Christian faith. Bible elective (OT/NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 343 THE GOSPEL OF MARK Studies the Gospel of Mark as a distinct presentation of the ministry of Jesus. The course will focus on Mark's choices of Jesus' miracles, parables, and travels. The deliberate structure of the Gospel will be highlighted. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). Three credits.

REL 344 LUKE/ACTS will study the main themes of Luke-Acts through a structural, Christ-centered, and historical approach. Selected passages will be given special attention as the portrait of Christ and the founding of his Church are unveiled. Issues that will merit special attention are: Jesus' kingship, His prophetic office, Christian worship in the Early Church, the mission of the Church, end times and Jesus' passion. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 345 JOHANNINE LITERATURE studies the writings of St. John in the New Testament, namely his Epistles, Gospel, and Revelation. Students examine the Johannine message concerning the person and work of Jesus Christ. Characteristic terms, themes, and doctrines are made the subject of special study. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 346 PAULINE LITERATURE studies selected writings of the Apostle Paul to familiarize the student with the historical background, content, purpose, message, and distinctive characteristics of five of Paul's epistles. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 347 LAW AND GOSPEL IN THE LIFE OF THE CHURCH leads the student to see more clearly the significance of two major Christian doctrines and the correct relationship between them for a Christian's life. Sections of Scripture, of the Lutheran Confessions, and of current theological literature are analyzed in the light of these fundamental teachings. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 351 PROPHETS OF ISRAEL studies Old Testament prophecy and the prophetic movement, including its origin, development, purpose, methodology, message, and impact. Bible elective (OT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 352 REVELATION AND END TIMES explores the doctrine of eschatology as it is revealed in the Scriptures. Special emphasis is placed on understanding apocalyptic literature as a key to interpreting the Book of Revelation. Texts from Daniel, Ezekiel, Matthew, and the writing of Paul are also examined as they relate to the full range of eschatological topics: the millennium, the rapture, Armageddon, the anti-Christ, death, Christ's second coming, resurrection, and the eternal state. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 356 LIFE OF PAUL gives an overview of the life and teachings of the Apostle Paul in terms of his place in the New Testament as an apostle of Jesus Christ against the background of his birth and development. Studies are based on selected texts from Acts and Pauline Epistles. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 357 WOMEN IN THE CHURCH explores the multiple dimensions of women's gifts and activities as recorded in the Christian Scriptures and experienced throughout the history of Christianity, with particular interest in applying biblical principles to contemporary feminist perspectives as well as that of women in the church. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 376 CHRISTIAN ETHICS explores the distinct nature of Christian ethics in dialogue with other forms of ethical inquiries. Contemporary Christian responses to timely ethical issues will also be explored. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 379 RELIGION AND THE LAW examines current law and the teachings of Scripture regarding civil law and government, the Christian's responsibility to civil government, and various legal, moral, and scriptural issues such as abortion, euthanasia, homosexuality, the death penalty, and freedom of religion in America. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 383 THE GOSPEL OF LUKE surveys foundational principles and techniques in biblical interpretation using the Gospel of Luke. Bible elective (NT). Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 387 CHRIST'S PEOPLE THROUGH THE AGES surveys Christian history from Pentecost to the present. Distinctive eras in Christian history will be discussed, with attention to their main contours and the principal dynamic forces at work within them. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 388 VARIETIES OF BELIEF provides a framework for knowing about the teachings, practices, organization, and historical development of world religions and various Christian communities. Emphasis is also placed upon the Christian living in relation to the peoples of other faiths, especially in the North American context, with compassion, biblical confession and a missional intention. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 389 MONASTIC ROOTS investigates the history, theology, and practice of monasticism in the light of the Reformation. Readings from Augustine, Benedict, and other monastic writers will be supplemented with materials from the pen of Martin Luther. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 390 SPIRITUALITY OF JAMAICA introduces students to a diversity of expressions of human spirituality in a distinctively different culture. On-site experiences of at least three spiritual movements will be investigated on the island of Jamaica. Winterim. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 404 LUTHERAN CONFESSIONS is an overview of the historical background and major teachings of the Lutheran Confessions. The major thrust of the course is a discussion of the doctrines of the Augsburg Confessions as these are also expounded in the other Confessions of the Lutheran Church. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 410 WORLD RELIGIONS surveys living non-Christian religions in terms of worship, beliefs, values, history, and their encounter with Christianity. Comparative religions elective. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

REL 416 THE PRACTICE OF MISSIONS facilitates a supervised mission experience for students interested in local or international missions. Outreach elective (missions). Prerequisites: REL 316, completed Missions Internship Contract (available from the theology department). 3 credits.

REL 420 LAY MINISTRY INTERNSHIP is a course which puts theory into practice in a specialized setting unique to the individual student need. The student intern is introduced to the congregational or institutional arena of professional church work. This presents the student intern the opportunity to experience the vocational option of service as a lay minister. Prerequisites: Bible Content (REL 100 [or 201 & 203]); Christian Doctrine (REL 110 [or 204]). 3 credits.

SOCIAL WORK

SW 100 INTRODUCTION TO SOCIAL WORK is a survey course designed to provide an overview of the profession of social work, its historical roots, and its current structures and issues. The functions of the social work profession in relation to other human service professions will be discussed. Students will understand the knowledge, skill, and value base of social work as developed and discussed in contemporary and historical literature. Key terms and concepts will be introduced as well as the role social work has played in response to social and economic justice issues, especially for populations at risk. 3 credits.

SW 205 INTRODUCTION TO SOCIAL WELFARE introduces basic concepts of the social work profession. The functions of the social work profession are discussed. 3 credits.

SW 205 INTRODUCTION TO SOCIAL WELFARE is a survey course designed to provide an overview of the profession of social work, its historical roots, and its current structures and issues. The functions of the social work profession in relation to other human service professions will be discussed. Students will understand the knowledge, skill, and value base of social work as developed and discussed in contemporary and historical literature. Key terms and concepts will be introduced as well as the role social work has played in response to social and economic justice issues, especially for populations at risk. 3 credits.

SW 205 INTRO S. The functions of the social work profession are discussed. 3 credits.

SW 427 FIELD EDUCATION II is taken concurrently with SW 428 and SW 490. This course is designed for the senior level student and engages the student in supervised direct service activities within an agency setting. This course provides practical experiences in the application of theory and skills acquired in the social work curriculum. The placement requires an average of 16 hours per week in an agency for a minimum of 216 hours.

SPAN 301 SPANISH CONVERSATION & COMPOSITION focuses intensively on enhancing conversational skills by increasing oral and auditory proficiency as well as on improving the writing skills through related activities. Prerequisite: SPAN 202 or more than 4 years of previous Spanish courses. 3 credits.

SPAN 307 APPLIED LINGUISTICS introduces the basic terminology and concepts of linguistics as applied to the Spanish language. It also presents the sound system, morphology, and syntax of Spanish as compared to English and investigates topics in language acquisition. Required for teaching majors/minors. Prerequisite: SPAN 301 or consent of instructor. 3 credits.

SPAN 315 TOPICS IN SPANISH CONVERSATION is designed for flexible scheduling and the ability to discuss a wide range of topics to serve the needs of majors, minors, and others who simply want to maintain and improve their language skills. This course will help students review and expand their vocabulary through out-of-class preparation on a variety of topics.

SMA 340 INTERNSHIP IN SPORT MANAGEMENT the Internship in Sports Management provides students not currently working in the industry with hands-on experience in a sports organization of their choice. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in the sports management field.

SMA 350 MARKETING OF SPORT AND RECREATION an overview of the various techniques and strategies utilized in meeting the demands of consumers in the sports industry as well as understanding how sport and recreation can be used as an effective delivery platform in the marketing of other goods and services. This course will explore various central topics like the marketing of sport and recreation, sports as a medium, market research and segmentation, the marketing mix, and sponsorship procurement.

THEATRE

THTR 231 STAGECRAFT gives the student hands-on experience in the various areas of stagecraft including such topics as set design, construction, painting, and decorating; stage lighting; and the making and finding of stage properties. 3 credits.

THTR 254 CHILDREN'S THEATRE prepares students to create and perform children's theatre for performance and ministry. The class offers an opportunity to perform for live audiences, and students who like to work behind the scenes will be able to write/direct original pieces (or an adaptation) for performance. Prerequisites: None. 3 credits.

THTR 261 ACTING I explores the history and theories of acting; and the techniques of voice, movement, improvisation, and character development for the stage. 3 credits.

THTR 268 MUSICAL THEATRE explores the history and theories of acting; and the techniques of voice, movement, improvisation, and character development for the stage. 3 credits.

THTR 269 MUSICAL THEATRE AND DANCE focuses on musicals that have a strong dance element (i.e. several Fosse musicals, Cole Porter, etc.) and learn the mechanics of choreography as well as creating and building strong musical theatre personas. In addition, students will learn how to interpret lyrics, "sell" a song, and basic fundamentals of musical theatre acting. 3 credits.

THTR 350 20TH CENTURY AMERICAN DRAMA studies the contributions of key American playwrights by the period.

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Staff Recruitment will be through advertising in public information publications and internal posting. All advertising for faculty and staff will be labeled "Equal Opportunity."

Recruitment will actively seek out diverse populations, particularly minorities and women.

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The Department of Social Work will have an Advisory Committee consisting of faculty, professional social service workers from the area, and current students.

