

T

.

CUW FOUNDATION BOARD

: Mr. Terry Donovan
: Mr. Theodore Batterman, Mr. Thomas Buuck, Rev. Dr. Patrick Ferry, Mr. Dean Fitting, Mr. Bruce Gilbert, Mr. Duane Hilgendorf, Mrs. Marilyn Holmquist, Mr. Dale Kramer, Mr. Jay Mason, Mr. Allen Prochnow, Mr. Richard Riedelbach, Mr. Chris Schmidt, Mr. Jon Schumacher, Mrs. Joyce Senney, Brother Bob Smith, Mr. John Stollenwerk, Mr. Warren Twietmeyer, Mr. Richard Vie, Mr. Michael White, Mr. Gary V. Zimmerman.

ADMINISTRATIVE OFFICERS

PRESIDENT..... Patrick Ferry
EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER..... Allen Prochnow
SENIOR VICE PRESIDENT OF ACADEMICS..... William Cario
SENIOR VICE PRESIDENT OF ADVANCEMENTDuane Hilgendorf
VICE PRESIDENT OF ADULT AND CONTINUING EDUCATION Michael Besch
VICE PRESIDENT OF ENROLLMENT SERVICES Kenneth Gaschk
VICE PRESIDENT OF INFORMATION TECHNOLOGY Thomas Phillip
VICE PRESIDENT OF STUDENT SERVICES Andrew Luptak
ASSISTANT VICE PRESIDENT OF ACADEMICS Randall Ferguson
ASSISTANT VICE PRESIDENT OF ACADEMICS Marsha Konz
CHAIR, FACULTY SENATE..... Nathan Jastram

DEANS

ADULT AND CONTINUING EDUCATION Steven Montreal
ARTS AND SCIENCES Gaylund Stone
BUSINESS AND LEGAL STUDIES..... William Ellis
EDUCATION..... James Juergensen
HUMAN SERVICES Ruth Gresley
STUDENT LIFE..... Steven Crook

CONCORDIA UNIVERSITY WISCONSIN 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 27, 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.

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.

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 2.0 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 2.5 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 score of 500 TOEFL for regular acceptance. Any International Student who can not present a 500 TOEFL must test through the International Office for placement and may be required to enroll in the ESL program.

DEVELOPMENTAL AND CONDITIONAL ADMISSION

An applicant whose overall grade average is less than a C or whose grades and test scores indicate areas of academic concern not eligible for regular admission. However, upon the recommendation of the Vice President of Enrollment Services and with the approval of the Admissions Committee, such applicant may be granted Developmental (for the high school graduate) or Conditional (for the college transfer) admission. In either category the individual is considered to be on academic probation. Failure to attain a C average (2.00 G.P.A.) during the development or conditional semester may result in dismissal.

SPECIAL ADMISSION

1. Individuals registering on a full or part-time basis for courses without the intention of receiving a degree are classified as non-degree students. The work can be for audit or for credit but does not automatically apply toward a degree program.
2. A person still attending high school may enroll as a special student in a course for audit or for credit after securing

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.

Student Teaching and Course Fees

An additional course fee per credit, up to 8 credits per semester, is charged for Student Teaching. The fee is assessed at the current fee schedule amount. Any other course that carries a special fee will be listed in the course description.

Overload Fee

A student will be assessed the per credit overload fee for the amount of credits that exceed 18 in a semester.

Applied Music Fee

An additional per credit fee is assessed for certain applied music courses as found listed in the catalog descriptions. The fee is assessed at the current fee schedule amount.

Transcript Fee

A charge of \$5.00 per transcript is made for each transcript.

Independent Study Fee

A fee will be assessed for independent study proposals to cover special instructional costs. A full-time student will be assessed \$105 per credit during the fall or spring semesters for independent study credits up to an 18 credit load. All fall or spring independent study credits which result in more than 18 credits in a semester are charged the current per credit fee. The student's account balance must be at zero to sign up for an independent study class.

Practicum/Internship Fee

In the fall and spring semester, practicum/internships will be assessed \$50/credits if the semester credits are over 18. If the semester credits are fewer than 18, there is no additional fee. A \$50 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 ramiEMC [6oEM26(upEM29(toEM4per)-32(credit)-h6(cofee)]TJ/Span<ActualTextFEFF002E>BI

SU

- A. **GOOD STANDING:** A student enrolled in an undergraduate program of study is considered in good standing if allowed to continue in that degree or certificate program at Concordia. Detailed information pertaining to the minimum academic requirements of the University can be obtained by referring to the appropriate section of the student's college catalog. A student enrolled in a non-degree or non-certificate granting program is considered to be a "special student" and may not be eligible to receive financial aid.
- B. **SATISFACTORY PROGRESS:** Satisfactory progress is defined as successfully completing course requirements for 75% of the number of credits for which a student enrolls and receives financial aid each semester, 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, and audits, are considered unsatisfactory. Federal guidelines do not allow financial aid to cover courses for which credit is not received. However, incompletes, which are later changed into a grade of at least D- or P are satisfactory for Financial Aid Good Standing and Satisfactory Progress Policy purposes (please note that D- is only "satisfactory" by financial aid standards not by University academic standards). It is the student's responsibility to notify the Financial Aid Office of such changes.
- C. **FINANCIAL AID ELIGIBILITY WARNING STATUS:** When a student does not successfully complete 75% of the number of credits for which funding is approved during the semester, financial aid eligibility warning status is imposed. Aid automatically continues through one semester of financial aid eligibility warning status. If a student does not make satisfactory progress during the semester of financial aid eligibility warning status, the student's eligibility for financial aid in later semesters is terminated. Eligibility can be regained by completing one semester under the conditions of satisfactory progress detailed above. The appeal procedure detailed in Section D exists for those students whose aid eligibility is so terminated.
- D. **APPEAL PROCEDURE:** Upon receiving a written petition from a student whose financial aid eligibility has been terminated according to the provisions of section C, the appropriate mentor/advisor may reinstate the student's eligibility by means of a signed memorandum, accompanied by the petition, to the Director of Financial Aid. The petition to the mentor/ advisor must explain why the student did not meet the Satisfactory Progress requirement (what extraordinary circumstances, if any, intervened) and how the student expects to continue making good progress toward a degree or certificate objective (what steps will be taken, if any, to make up the needed credits).
- E. **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.

STUDENT SERVICES

STUDENT LIFE

Student life at Concordia is full of opportunities for the students to find and express themselves in their own way.

Devotions are held in the residence halls and personal Bible study is encouraged. In the classroom environment, faculty members seek to conduct classes emphasizing Christian growth and maturity along with the attainment of academic goals. Numerous opportunities exist on and off campus for students who seek to serve the University and its larger community. A variety of Christian service opportunities help individuals to express service through such related activities as tutoring fellow

HEALTH SERVICES

The University's concern for wholistic growth and general well being of the campus community is further demonstrated through the maintenance of a health service. The professional services of both a physician and registered nurse are contracted on a part-time basis.

The Health Service is operated at set hours for evaluation and treatment of minor illness, first aid, and consultation regarding health matters. A physician serves as a consultant and for referral. The Health Service instructs and supplies selected personnel with materials for dealing with minor problems. Serious illness and emergencies are referred to local professional health care agencies.

All Concordia students are encouraged to carry adequate health and accident insurance, either through the university or individual policies. Varsity athletes are required to show evidence of adequate coverage as a prerequisite for varsity participation. International students are also required to show evidence of adequate medical insurance coverage.

The Athletic Training Department works in conjunction with the Health Center for the health and well-being of Concordia's students, staff, and faculty. The Athletic Training Department is staffed by Board Certified Athletic Trainers, as well as student workers who are pursuing certification by the National Athletic Trainers' Association Board of Certification.

The Athletic Training Department offers first aid and rehabilitative care for soft tissue and bone injuries as well as after various orthopedic surgical procedures. Students, faculty, and staff can utilize this care by calling 243.4369 or stopping by the athletic training facility at the north end of the fieldhouse to make an appointment. Following a thorough evaluation of the injury or complaint, a plan for rehabilitative care will be provided. Modalities such as ultrasound, hydrocollators, and electric stimulation may be utilized to assist with the plan of care, along with specific exercises, flexibility, and functional assessment and correction.

BOOKSTORE

The CUW Bookstore is located in the lower level of Albrecht Hall across from the Falcon Nest. Textbooks, supplies, greeting cards, clothing, gifts, and personal drug store items can be purchased in the CUW Bookstore. Also available for delivery are special order balloon and gift packages. Textbooks are available to purchase one week before classes begin each semester. Also, textbooks can be reserved on the bookstore web site approximately one month prior to the start of the fall and spring semester for undergraduate classes. Textbook buybacks take place twice each semester. One buy back takes place mid semester, and the other takes place during finals week at the end of each semester. An outside company performs textbook buybacks and also determines the price in which students receive for textbooks from each buyback.

For a listing of hours, questions, or additional information, contact the CUW Bookstore at 262/243-4349, bookstore@cuw.edu or www.cuw.edu/bookstore.

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
 700

PLACEMENT

Concordia University appoints several staff members as placement officers as an integral part of its service to students and graduates.

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.

A student enrolled in a degree program must matriculate through admissions. Upon his/her acceptance, the University is committed to all it can to help the student successfully complete his/her chosen program. Accordingly, each degree seeking student is assigned to an advisor.

A non-degree student wishing to change to degree status shall make application to the Vice President of Enrollment Services (cf. Special Admissions.)

Classification is determined by the total number of credits completed including those accepted by Concordia from other college or university and is established as follows:

Freshman	0-29
Sophomore	30-59
Junior	60-89
Senior	90-graduation

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/advising.

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. Faculty are professional in their expectations of academic excellence and students respond with an appropriate level of effort and commitment. Unprofessional conduct and unethical behavioral are serious breaches of the academic contract. The ethics code of the university provides for due process, and grievance procedures are detailed in the Student Handbook.

GRADING

Formal reports of the student's progress are issued at the close of each semester. At mid-semester, a report of very low grades (D's and F's) is given to the student.

The following grade point systems is used in connection with these grades:

A — equals 4.00 points per credit	C+ — equals 2.33 points per credit
A- — equals 3.67 points per credit	C — equals 2.00 points per credit
B+ — equals 3.33 points per credit	C- — equals 1.67 points per credit
B — equals 3.00 points per credit	D+ — equals 1.33 points per credit
B- — equals 2.67 points per credit	D — equals 1.00 points per credit
D- — equals .67 points per credit	F — equals 0.00 points per credit

P — 0.0 points pass in pass-fail course0 pass-fgradepts 0 pass .0 0.0 points [(0)-26(urein)-26(pass-fail)-26(course)0ey

CHANGE OF NAME OR ADDRESS

Students are to promptly notify the Registrar in writing of any change in name or address.

ACADEMIC HONORS

THE VICE

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 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.
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 all the requirements listed here:

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, including participation in one Winterim.
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 Retention Services. If withdrawal is authorized, the student will receive the notation "W" on their permanent academic

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.armyrotc.com, the Marquette Army ROTC website www.mu.edu/rotc/army/html, or contact our Enrollment and Scholarship Officer at Marquette University (414) 288-2046.

COOPERATIVE

d 49 .

GD 100 Digital Design I — 3 crs.

ART 110/111 Design Fundamentals

2D Composition — 3 crs.

ART 131 Photography I — 3 crs.

GRAPHIC DESIGN MAJOR

60 crs.

The Graphic Design 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 graphic design technologies. A student graphic design lab is available on the Concordia University campus for students completing course work at MIAD. In addition to the 48-credit Liberal Arts core requirements and required courses listed below, all graphic design 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. *For specific information about MIAD courses please visit the MIAD website at www.miad.edu.*

d (d p) 39 .
 GD 110 Graphic Design I 3 crs.
 GD 111 Graphic Design II 3 crs.
 /577.1319 Te U7577.8972 0 Td[(3)-.(962 0 TdPlo)10(d)r4 588.1319cn226 39 crs.

d (**p**) 26 .

Semester order for full-time students

INDSGN 120 Fundamentals of Interior Design — 3 crs.

INDSGN 131 The Furniture Industry — 2 crs.

INDSGN 151 Building Construction — 2 crs.

BIBLICAL LANGUAGES FOR TRANSLATION AND MISSIONS MAJOR

33 crs.

: Courses taken as part of the core curriculum must include the following:

Bible Content: REL 201 Old Testament
 Christian Doctrine: REL 204 Biblical Theology
 Theology Elective: REL 210 The Great Commission
 Culture & Language: GRK 201 Greek I
 Language & Culture: GRK 202 Greek II

: 30 .

ANTH 201 Cultural Anthropology — 3 crs.
 COMM 460 Cross Cultural Communication — 3 crs.
 GRK 303 Greek III — 3 crs.
 GRK 304 Greek IV — 3 crs.
 HEB 301 Hebrew I — 3 crs.

BIOLOGY MAJOR

63 crs.

The biology major is expected to take Chem 210 as the natural science and Math 205 as the math requirement in the core curriculum. In addition the biology major must take the following credits:

BIO 140 General Biology — 4 crs.
 BIO 270/271 Human Anatomy & Physiology I & Lab — 4 crs.
 BIO 240 Zoology — 4 crs.
 BIO 244 Botany — 4 crs.
 BIO 249 Microbiology — 4 crs.
 BIO 348 Genetics — 4 crs.
 BIO 490 Seminar — 2 cr. (1 cr. per semester)
 CHEM 210 Chemistry I w/lab — 4 crs. (taken in core)
 CHEM 213 Chemistry II w/lab — 4 crs.
 CHEM 240 Organic Chemistry I w/lab — 4 crs.
 CHEM 242 Organic Chemistry II w/lab — 4 crs.
 PHYS 151 Physics I w/lab — 4 crs.
 PHYS 152 Physics II w/lab — 4 crs.
 SCI 303 Cosmogony — 3 crs.

A minimum of 14 crs. from the following:

BIO 140 General Biology I w/lab — 4 crs.
 BIO 142 General Biology II w/lab — 4 crs.
 BIO 145 Winter Biology — 3 crs.
 BIO 256 Environmental Science w/lab — 4 crs.
 BIO 272 Human Anatomy & Physiology II — 3 crs.

BIOLOGY MINOR

28 crs.

A biology minor is offered to those students who want a more detailed knowledge of living organism and systems and how they affect the world we live in. The biology minor is expected to have taken CHEM 205 Elements of General and Biological Chemistry for fulfillment of the core science requirements. In addition, the biology minor must take the following 24 credits:

BIO 140 Gen Bio I or SCI 150 Life Sciences — 4 crs.
 BIO 146 Essentials of Anatomy and Physiology — 4 crs.
 BIO 240 Zoology — 4 crs.

CHEMISTRY MINOR

26 crs.

A chemistry minor is offered to students in a secondary educacATy educacATy edbe5(to)-2-25(seco)-2estdents in o1_2r25(in)-25(a)-

CHRISTIAN THOUGHT MINOR

24 crs.

The minor consists of eight three credit courses, six required courses plus two electives to be drawn from the approved list.

d:

History: HIST 206/207 History of Christianity 1 or 2
HIST 475 The Reformations

Theology: REL 203 History and Lit. of the New Testament
REL 310 Religion in America Today

Philosophy: PHIL 334 Christ and Culture
PHIL 3ab7s0 Tdm(0096())TJ[(PHIL)-2i 9-BDC A)-26(20(x)202e 0ditTfeh3g2e 0ditTf3 Td[()-1635(.8skr

COMMUNICATION CORE (18 credits - required for all 4 Majors)

INFORMATION TECHNOLOGY MAJOR

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.

Unlike the Computer Science and Computer Information Sciences majors, there is less programming required and even more options in the major itself.

Many courses are offered in the eLearning format (online via the web).

Core Curriculum 48 credits
 PHIL 201 Introduction to Philosophy is required for
 Philosophical Foundations

Professional Core 6 credits
 PHIL 211 Elementary Logic
 SCI 303 Cosmogony

Major 36 credits
 Required 24 credits
 CSC 150 Foundations of Computer Science
 CSC 175 Advanced Software Applications
 CSC 250 Computer Science Theory and Practice I

CSC 325 Computer Organization and Architecture I
 CSC 350 Computer Operating Systems
 CSC 370 Software Engineering
 CSC 450 Systems Software
 CSC 491 Senior Seminar II
 Electives (Upper Division) 12 credits
 additional 300level or above CSC courses; consult
 with your advisor for approval

Minor 18 credits +
Free Electives 18 credits +
 Program total (minimum) for BA degree 126 credits

COMPUTER SCIENCE MINOR

21 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

CSC 175 Advanced Software Applications — 3
 CSC 250 Computer Science Theory and Practice I — 3

ENGLISH MAJOR AND MINOR (Does not apply to Education students)

(39 cr) (18 cr)
MAJOR MINOR**p** / **p**ENG 305 English Grammar and Usage — 3
ENG 365 English - Its Cultural Development — 3**p**
ENG 245 Advanced Writing — 3
ENG 246 Creative Writing — 3
ENG 350 Classical and Modern Rhetoric — 3

ENG 351 Practicum in Writing Consultation — 3

ENVIRONMENTAL SCIENCE MINOR

23 - 24 crs.

BIO 140 General Biology I or SCI 150 — 4
BIO 256 Environmental Science — 4
BIO 410 Ecology — 4CHEM 205 General Chemistry — 4
SCI 135 Earth Science — 4
Elective Subject to Science Faculty approval — 3-4

EXERCISE PHYSIOLOGY MAJOR

49 crs.

The Exercise Physiology major at Concordia prepares students to understand how the body responds and adapts to the physical stress of exercise. A thorough knowledge of exercise physiology enables one to understand the physiological mechanisms responsible for the acute and chronic response to physical activity. Students can then apply this knowledge to activity recommendations for

BIO 280/281 Human A & P w/lab — 4 crs.	HHP 371 Exercise Physiology I — 3 crs.
BIO 285 Pathophysiology — 3 crs.	HHP 373 Motor Development — 3 crs.
BIO 470 Human Physiology — 3 crs.	HHP 375 Biomechanics — 3 crs.
CHEM 210 Inorganic Chem I w/lab — 4 crs.	HHP 442 Exercise Testing & Presc. — 4 crs.
CHEM 213 Inorganic Chem II w/lab — 4 crs.	HHP 460 Internship — 3 - 6 crs.
PHYS 151 (Physics) — 4 crs.	HHP 471 Adv. Exercise Physiology — 4 crs.
PHYS 152 (Physics) — 4 crs.	HHP 475 Seminar in Exercise Phys. — 2 crs.
HHP 171 Intro to Ex Science — 1 cr.	HHP 480 Designing Resistance Training Program — 3 crs.
HHP 209 CPR & First Aid — 2 crs.	HHP 494 Exercise & Chronic Disease — 3 crs.
HHP 280 Psychology of Sport — 3 crs.	HHP 495 Senior Seminar — 3 crs.
HHP 342 Nutrition for Wellness & Perf. — 3 crs.	MATH 205 Statistics — 3 crs.

Exercise Physiology major students may take either Senior Seminar (Research Project) or do an Internship. Students may do both if so desired.

GERMAN MAJOR AND MINOR

	MAJOR (34 crs.)	MINOR (21 crs.)
GER 201 Intermediate German I	3	3
GER 202 Intermediate German II	3	3
GER 301 German Conversation and Composition	3	3
GER 306 German Lit. from 1750 to the 20th Cent.	3	3
GER 307 Applied German Linguistics	3	
GER 331 Advanced German Grammar	3	3
GER 361 German Civilization and Culture	3	3
GER 490 Senior Seminar/Capstone Course	3	
German Elective		3
Advanced German Language (study abroad)	10	

HISTORY MAJOR AND MINOR

	(36 crs.) MAJOR	(21 crs.) MINOR
U.S. History	6	3
European History	6	3
Non-Western/Global History	6	3
HIST 385 Historical Methods	3	3
HIST 490 Senior Seminar	3	
(d)		
I. p		
U.S. History	9	6
European or Non-western/Global history	3	3
· p p		
European history	9	6
U.S. or Non-western/Global history	3	3
· p		
Non-western/Global history	9	6
U.S. or European history	6	3

HUMANITIES MAJOR AND MINOR

	(30 crs.) MAJOR	(18 crs.) MINOR
Art History I	3	3
Historical Methods	3	3
World Literature	3	3
Senior Seminar	3	3
Music History I or II	3	3
Foreign Language	3	3
Electives*	12	

*These electives may be chosen from courses offered in History, Literature, Music, English, Art, and Languages.



LAY MINISTRY — CERTIFICATE PROGRAM

The extension track of the Lay Ministry Program leads to certification as a Lay Minister but does not lead to any college degree. This extension track is available in different sites around the country through a program of Theological Education by Extension.

The Theological Education by Extension model is designed for highly motivated adult learners who come together once a month for four or five times during a semester to complete a course. Candidates for certification need to meet other non-academic requirements. 47 credits are required for completion. Please write the Director of Lay Ministry for further information.

Curriculum - Level 1 -- 31 crs.

Students completing Level 1 receive a certificate of competition

REL 105 Church Leadership Seminar -- 1 crs.

REL 201 Old Testament -- 3 crs.

REL 203 New Testament -- 3 crs.

REL 204 Biblical Theology -- 3 crs.

REL 221 Lutheran Worship -- 3 crs.

REL 233 Communicating Bible Messages -- 3 crs.

REL 311 Church in Mission -- 3 crs.

REL 383 Gospel of Luke -- 3 crs.

REL 387 Christ's People through the Ages -- 3 crs.

REL 287 Christian Caregiving -- 3 crs.

ED 306 Teaching the Faith -- 3 crs.

Curriculum - Level 2 -- 16 crs.

Students completing Level 2 are eligible to be rostered as Lay Ministers in the LCMS.

REL 312 Office of the Professional Church Worker -- 3 crs.

REL 328 Family and Youth Ministry -- 3 crs.

REL 388 Varieties of Belief -- 3 crs.

REL 404 Lutheran Confessions -- 3 crs.

REL 420 Lay Ministry Internship -- 3 crs.

REL 495 Lay Ministry Seminar -- 1 crs.

Placement

The placement process for extension graduates is the same as for the four year graduates. However, placement for extension graduates tends to be more difficult. Most individuals entering the extension track are already serving in the church.

Certification

Students completing the extension track receive the same certification as four year students. The student must have a minimum of an Associate of Arts degree to be certified.

LAY MINISTRY CERTIFICATION — PARISH MUSIC

Parish Music Major and Lay Ministry Minor (Lay Ministry Certification)

Core Curriculum -- 48 crs.

Theology courses in core:

REL 201 The Old Testament -- 3 crs.

REL 204 Biblical Theology -- 3 crs.

REL 205 Church History -- 3 crs.

Parish Music Major: 42 crs.

MUS 240 Music Theory I -- 3 crs.

MUS 241 Music Theory II -- 3 crs.

MUS 242 Music Theory III -- 3 crs.

Theology Minor: 24 crs.

(with Lay Ministry Certification in Parish Music)

REL 404 Lutheran Confessions -- 3 crs.

REL 203 New Testament -- 3 crs.

REL 229 Religious Education of Youth and Adults -- 3 crs.

Comparative Religions (select one) -- 3 crs.

REL 310 Religion in America

REL 410 World Religions

REL 311 Church in Mission -- 3 crs.

MUS 243 Music Theory IV -- 3 crs.

MUS 271 Music History I -- 3 crs.

MUS 272 Music History II -- 3 crs.

MUS 250 Beginning Conducting -- 3 crs.

MUS 351 Advanced Conducting -- 3 crs.

Applied Music (min.. 4 crs. in organ) -- 6 crs.

Specialized Church Music courses:

(Choose 2 of the 4) -- 6 crs.

MUS 465 Survey of Christian Hymnody -- 3 crs.

MUS 422 Organ Literature -- 3 crs.

MUS 485 Handbell Methods and Materials -- 3 crs.

MUS 445 Composing and Arranging -- 3 crs.

MUS 461 Music in Worship -- 3 crs.

MUS 491 Practicum/internship (in music) -- 3 crs.

REL 312 Office of the Prof. Church Worker -- 3 crs.

Upper Level Bible Elective -- 3 crs.

REL 420 Lay Ministry Internship -- 3 crs.

*Senior Seminar is satisfied with the Parish Music and Lay Ministry Internships

Electives: 12 crs.

Music ensemble credits may be used as electives.

MATHEMATICS MAJOR AND MINOR

	(40 cr)	(21 crs)		(40 cr)	(21 crs)
	MAJOR	MINOR		MAJOR	MINOR
CSC 150 Foundations of Computer Science	3		MATH 321 Abstract Algebra	3	
MATH 201 Calculus I	4	4	MATH 325 Linear Algebra and Differential Equ.	4	
MATH 202 Calculus II	4	4	MATH 331 Geometry	3	
MATH 203 Calculus III	4	4	MATH 441 Real Analysis	3	
MATH 205 Statistics I*	3	3	MATH 490 Seminar	3	
MATH 220 Discrete Mathematics	3		Electives		6**
MATH 305 Statistics II	3				

* Statistics I satisfies the mathematics requirement in the core.

** Choose from: MATH 220, MATH 305, MATH 325, MATH 321, MATH 331, or MATH 441 or MATH 470.

MISSIONS MINOR AND MAJOR:

Core: Courses taken as part of the core curriculum must include the following:

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

Minor: 21 crs.

- ANTH 201 Cultural Anthropology -- 3 crs.
- COMM 460 Cross Cultural Communication -- 3 crs.
- GEOG 220 Cultural Geography -- 3 crs.
- REL 203 New Testament -- 3 crs.
- REL 298 Faith and Culture -- 3 crs.
- REL 316 Introduction to World Missions -- 3 crs.
- REL 410 World Religions -- 3 crs.

Additional Courses for Major: +9 crs.

- REL 416 Mission Internship -- 3 crs.
- Bible Elective: REL XXX Upper level Bible -- 3 crs.
- History Elective: HIST 241 History of Latin America, HIST 246 Modern Japan, HIST 275 History of Islam -- 3 crs.

MUSIC DEPARTMENT 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:

- a. successfully pass the following:
 - 1) Qualifying audition with performance of two contrasting works on his/her major instrument (to be completed by the end of 2 semesters at CUW);
 - 2) Aural examination of sight reading, scales, and tonal memory ability for vocalists. Instrumentalists — sight-reading and scales only.
- b. prepare a portfolio of musical activities (solo and ensemble) and examples of music course work. This portfolio is to be:
 - 1) Presented at the time of the qualifying audition;
 - 2) Kept in the music office, with additions made to it throughout the student's undergraduate career;
 - 3) Returned to the student upon completion of degree.

MUSIC MAJOR AND MINOR

	(40 cr)	(24 cr)		(40 cr)	(24 cr)
	MAJOR	MINOR		MAJOR	MINOR
Music Theory I	3	3	<i>Minor Choice:</i>		
Music Theory II	3	3	MUS 250 Beginning Conducting or		3
Music Theory III		3	MUS 445 Composing and Arranging		
Music Theory IV	3		MUS 250 Beginning Conducting	3	
Music History I	3	3	Major Choice:		
Music History II	3	3	MUS 351 Advanced Conducting or 3		
Other 300 level music history	3		MUS 445 Composing and Arranging		
Applied Music (studio)	8	3	*Electives (may include ensemble)	3	3
			MUS 499 Recital	2	

*Music Majors must participate in ensembles every semester of residency (at least 3 semesters for credit)

PARISH MUSIC PROGRAM (LC-MS Rosterable)

Core Curriculum: 48 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 Chorale

MUS 184 Kammerchor

MUS 185 The Alleluia Ringers

MUS 190 String Ensemble/Chamber Orchestra

Theology Elective: -- 3 crs.

Minor -- 18 crs.

Electives as needed -- 6 crs.

Total Credits -- 128 crs.

Additional required courses for LC-M

Parish Music Major: 53 crs.

Ensemble (additional to core) -- 6 crs.

Music Theory 1, II, III, IV (3 crs. each) -- 12 crs.

MUS 240, 241, 242, 243

Music History 1, II (3 crs. each) -- 6 crs.

MUS 271, 272

Conducting: (3 crs each) -- 6 crs.

MUS 250 Beginning Conducting

MUS 351 Advanced Conducting

Applied Music (min. 4 crs. Organ) -- 8 crs.

Organ, Piano and/or Voice

MUS 445 Composing and Arranging -- 3 crs.

MUS 461 Music in Worship -- 3 crs.

MUS 465 Survey of Christian Hymnody -- 3 crs.

Choose one of the following: -- 3 crs.

MUS 422 Organ Literature

MUS 485 Handbell Methods and Materials

MUS 491 Parish Music Practicum/Internship

(120 hours) -- 3 crs.



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 reapply 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.



-

-

ATHLETIC TRAINING EDUCATION MAJOR

UNDERGRADUATE ATHLETIC TRAINING EDUCATION PROGRAM

GENERAL ACADEMIC INFORMATION

The undergraduate Athletic Training Education Program at Concordia University Wisconsin (CUW) is an accredited entry-level Athletic Training Education Program. An 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 Athletic Training Education Program at Concordia University Wisconsin is designed to produce National Athletic Trainers Association Board of Certification (NATABOC) Certified Athletic Trainers for today's market place. The NATABOC is the agency that examines and certifies all potential athletic training candidates. The NATABOC examination is taken at the end of your college career prior to entering the workforce. Certification through the NATABOC is required to practice Athletic Training.

TECHNICAL STANDARDS FOR THE ATHLETIC TRAINING EDUCATION PROGRAM

Students in the Athletic Training Education Program at Concordia University Wisconsin should have the stamina and strength to endure the rigors of athletic training. The technical standards in the Athletic Training Education Program are part of the admittance into the program and meet the expectations of the program's accrediting agency (Commission on Accreditation of Athletic Training Education [CAATE]). The following abilities and expectations must be met by all students admitted to the Athletic Training Education Program. In the event 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 Athletic Training Education Program must demonstrate:

1. Maintain CPR certification and be tested for tuberculosis annually while enrolled in the program.
2. Receive a physical prior to acceptance into the program; should include in the health history immunizations received i.e. hepatitis B, measles, mumps, rubella, tetanus, and diphtheria.
3. Possess the physical capacity to handle the day-to-day rigors of athletic training; i.e. physicals, evaluations, therapeutic exercise, weather extremes, sport camps, carrying water coolers and ice chests.
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 Athletic Training Education Program; i.e. dress, 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 sequentially progress and complete the Athletic Training Education Program.
9. A genuine concern for others associated with the Athletic Training Education Program and the patients served.
10. The mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm.
11. Sufficient postural and neuromuscular control, sensory function and coordination, perform appropriate physical examinations using accepted techniques; and accurately, safety and efficiently use equipment and materials during the assessment and treatment of patients.
12. The ability to record the physical examinations 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. Athletic training can be 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 Athletic Training Education Program 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 he/she can meet the technical standards with 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 whether or not the accommodations are reasonable, taking into account whether 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. A technical standards form will be read, understood, and signed by each applicant prior to acceptance into the Athletic Training Education Program.

ATHLETIC TRAINING MAJOR**88 crs.**

- BIO 275 Principles of Human Anatomy & Physiology II
Functional Anatomy II — 4 crs.
- BIO 285 Pathophysiology — 3 crs.
- HHP 130 Adv. Weight Training — 1 cr.
- HHP 171 Introduction to Exercise Science — 1 cr.
- HHP 205 First Aid & Emergency Procedures with Lab — 3 crs.
- HHP 265 Healthy Lifestyles — 3 crs.
- HHP 272/273 Introduction to Athletic Training with Lab — 3 crs.
- HHP 280 Psychology of Sport — 3 crs.
- * HHP 289 Athletic Training Seminar — 1 cr. (total 6)
- HHP 291 Athletic Training Practicum I — 3 crs.
- HHP 292 Athletic Training Practicum II — 3 crs.
- HHP 301/302 Rehabilitation of Athletic Injuries with Lab — 3 crs.
- HHP 303/304 Therapeutic Modalities with Lab — 3 crs.
- HHP 312 Administration and Organization
of Athletic Training — 3 crs.
- HHP 330 Manual Muscle Testing — 2 crs.
- HHP 342 Nutrition for Wellness & Performance — 3 crs.

* HHP 289 is taken consecutively for six semesters beginning in the fall semester of the sophomore year.

THE APPLICATION PROCESS

The Athletic Training Education Program is a selective program that accepts up to fifteen students each year. The model used is an 8:1 Certified Athletic Trainer/student ratio. This model will promote a very high level of educational quality and provide the student ample opportunities for hands-on learning. Students will formally apply to the Athletic Training Education Program in their freshman year/second semester. Freshman students will be exposed to the profession of Athletic Training and gain valuable experience in their first year.

Students with higher academic standing or transfer students may apply and will be given equal consideration, but must make a commitment to the Athletic Training Education Program of four years. These students will need to formally apply and go through the Athletic Training Education Program curriculum at Concordia University Wisconsin. Student athletes that are accepted into the Athletic Training Education Program will be limited to one sport, participating in that sport only during its traditional season.

REQUIREMENTS FOR ADMISSION TO THE ATHLETIC TRAINING EDUCATION PROGRAM

During the first year at Concordia University Wisconsin each student must meet the following requirements to be considered for admission to the Athletic Training Education Program.

1. Complete HHP 171 Introduction to Exercise Science with a grade of a B (3.0).
2. Complete HHP 272/273 Introduction to Athletic Training with a grade of a B (3.0).
- 3.

The above criteria will be used for admittance to the Athletic Training Education Program (ATEP). The Admission Selection Committee will be comprised of ATEP faculty, staff and CUW Admissions personnel. A final rating form for admission is used to objectively measure each applicant's admission criteria. Each admission criteria has a point value associated with it. In the event that more than 15 applicants meet the above requirements, those applicants with the highest point total will be accepted into the ATEP. In the event that there are students with the same point total, the student with the higher CGPA in major coursework will be admitted.

PERSONAL TRANSPORTATION POLICY

1. Each Athletic Training Student who is assigned an off-campus clinical field experience/rotation will need to provide personal transportation to and from the off-campus site.
2. The Athletic Training Student will be responsible for their gas and car maintenance for this purpose.
3. There is not any reimbursement for gas or mileage.
4. The Athletic Training Student will not have to have Su10haning AthleiAtTm[(4)10(3)]TJEMC ETQ/CS0 cll [()-26(Thlt85 Tc5 T

- : 18 .
- REL 203 New Testament -- 3 crs.
- REL 404 Lutheran Confessions -- 3 crs.
- Churchly Offices
 - Elective: REL 312 Office of Prof. Ch. Wrk,
 - ED 411 Professional Ethics -- 3 crs.
- Internship Elective: REL 420 Lay Ministry Internship, Student Teaching -- 3-4 crs.
- Religious Education
 - Elective: REL 229 Rel. Ed. Youth & Adults,
 - REL 233 Comm. Bible Messages,
 - ED 306 Teaching the Faith -- 2-3 crs.

WOMEN'S STUDIES MINOR 15 0 Td(Religious)-26(Education)TJ/Spn/ActualTe6C 0.727 0 Td(O)TjEMC 0.56 0 Td(M)Tj/Spn/Actouth 3 crs

YOUTH MINISTRY MINOR

23 crs.

The Youth Ministry Minor equips students to minister to the faith needs of young people. Youth Ministry Minors receive training to administer youth ministry programs in a variety of settings, or to serve in any number of support capacities for youth ministry within a congregation. The Youth Ministry Minor is not restricted to students enrolled in professional church work programs. Students who are majoring in other fields of study and desire to be of service to youth through their congregation youth programs are encouraged to enroll. The Youth Ministry Minor consists of 23 credits hours. For more information contact the Assistant Director for Lay Ministry.

- COMM 201 Interpersonal Communications -- 3 crs.
- HHP 209 First Aid & CPR -- 2 crs.
- PSY 222 Adolescent Development (PSY 101 pre-req.) -- 3 crs.
- REL 203 New Testament -- 3 crs.
- REL 227 Youth Ministry I -- 3 crs.
- REL 229 Religious Education of Youth & Adults -- 3 crs.
- REL 245 Ministry Practicum -- 3 crs.
- REL 327 Youth Ministry II -- 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	3	*	*
	REL 110 Christian Faith	3	*	*
	Theology Elective	3	*	*
Philosophical Foundations - 3 crs Narrative Core	LA 105 Higher Education: A New Experience	3	*	
	PHIL 211 Elementary Logic			*
Literature - 3 crs Common Core	ENG 103 Civilization & Worldviews - Literature	3	*	*

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.

I.	THE CORE CURRICULUM	48 credits	
II.	BUSINESS CORE	MAJOR (54 crs.)	MINOR (24 crs.)
	ACCT 101 Accounting Principles I	3	3
	ACCT 102 Accounting Principles II	3	3
	ACCT 223 Managerial/Cost Accounting	3	
	BUS 130 Principles of Management	3	
	BUS 210 Business Law I	3	3
	BUS 310 Business Law II and Ethics*	3	3
	BUS 315 Business Statistics	3	
	BUS 336 Human Resource Management		
	BUS 340 Organizational Behavior	3	3
	BUS 355 Management Information System	3	
	BUS 399 Internship	3	
	BUS 450 International Business	3	
	BUS 453 Business Policy	3	
	CSC 150 Foundations of Computer Science	3	3
	ECON 231 Micro Economics	3	3
	COMM 201 Interpersonal Communication	3	
	FIN 300 Principles of Finance	3	
	BUS 315 Business Statistics*	3	
	MKTG 131 Principles of Marketing	3	3
	LA 105 Higher Ed. New Exp.	3	
	Business Elective	3	

* = Core Curriculum Requirement

The specific majors and minors follow:

III.	ACCOUNTING MAJOR CONCENTRATION	Professional (48 crs.)	Non-cert track (18 crs.)
	ACCT 310 Intermediate Accounting I	3	3
	ACCT 311 Intermediate Accounting II	3	3
	ACCT 330 Advanced Accounting I	3	3
	ACCT 420 Auditing	3	3
	ACCT 350 Income Tax I	3	3
	ACCT 360 Income Tax II	3	3
	Electives	30**	

**Electives to fulfill specific requirements of 150-hour program.

III.	ACCOUNTING MINOR CONCENTRATION	(27 crs)	III. ACTUARIAL SCIENCE CONCENTRATION	Major (40 crs)
	ACCT 101 Accounting Principles I	3	CSC 175 Advanced Software Application	3
	ACCT 102 Accounting Principles II	3	FIN 310 Basic Investing	3
	ACCT 223 Managerial/Cost Accounting	3	FIN 315 Insurance Principles/Practices	3
	ACCT 310 Intermediate Accounting I	3	FIN 321 Theory of Interest	3
	ACCT 311 Intermediate Accounting II	3	FIN 340 Corporate Finance	3
	ACCT 330 Advanced Accounting I	3	LEGL 221 Corporate Law	3
	ACCT 420 Auditing	3		
	ACCT 350 Income Tax I	3		
	ACCT 360 Income Tax II	3		

III. ECONOM

MINOR CONCENTRATION IN LEGAL STUDIES

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 must take the following courses to complete the minor concentration in legal studies:

SCHOOL OF EDUCATION

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 PUBLIC EDUCATION

Concordia University offers strong programs for preparing teachers for Lutheran, public, and private education. All teacher education programs are approved by the Wisconsin Department of Public Instruction. Successful completion of one of Concordia's teacher education programs enables graduates to be eligible for a Wisconsin teaching license.

Additionally, students who are members of The Lutheran Church – Missouri Synod and are preparing for the teaching ministry of the LCMS will receive a Lutheran Teaching Certificate.

Programs are available leading to licensure in Early Childhood Education (Birth to Grade 3), Elementary/Middle Education Grades 1-9 (Middle Childhood through Early Adolescence), Secondary Education Grades 6-12 (Early Adolescence through Adolescence, as well as K-12 education (Early Childhood through Adolescence) in certain subject areas. The Secondary education program requires a licensable subject area major. The Elementary /Middle School program requires an additional subject area minor, and the Early Childhood program requires an additional minor or concentration. In addition, K-12 programs are available in Art Education, Business Education, General/Choral Music, German, Instrumental Music, Physical Education, and Spanish.

Undergraduate admission is processed through the Admissions Department.

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.

*ED 359 Curriculum & Techniques – Early Childhood I	3
*ED 461 Administration of Early Childhood Programs	1
*ED 464 Family School Interactions	3
*ED 465 Curriculum & Techniques – Early Childhood II	3
*ED 466 Health & Wellness 0-8 Years	1
*ED 467 Art in Early Childhood	2
*ED 479 Assessment and Instruction for Children with Special Needs	2
*HHP 428 Movement Skills in Early Childhood	2
HHP 209 First Aid & CPR	2
*ED 343 Synthesis and Prof. Development (Portfolio Completion) – Early Childhood	1

III. MINORS OR AREAS OF CONCENTRATION

18-21 credits

The following minors, (approximately 21 credits) are acceptable. See the Elementary/Middle Education section for details.

II. ELEMENTARY/MIDDLE EDUCATION MAJOR

59-67 credits

Theoretical Component – 17 credits

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

Practical Component – 28 credits

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

“THE BLOCK”

Take

DC 3.1526(of12E-26(204)-9ualTeaITeEFF06(ED 1.895/SiAd[/SpanDC ()TjEMC 2.2p75 W8r)TjEMC 1.8971.158 Td(DC 3.1526(of12E-26(20

ADAPTIVE EDUCATION MINOR

20 credits

ED 301 Working with Children with Disabilities and their Families
ED 302 Working with Children with Disabilities and their Families
ED 303 Working with Children with Disabilities and their Families
ED 304 Working with Children with Disabilities and their Families
ED 305 Working with Children with Disabilities and their Families
ED 306 Working with Children with Disabilities and their Families
ED 307 Working with Children with Disabilities and their Families
ED 308 Working with Children with Disabilities and their Families
ED 309 Working with Children with Disabilities and their Families
ED 310 Working with Children with Disabilities and their Families

ESL: ENGLISH AS A SECOND LANGUAGE MINOR

22-25 credits

Study of a Modern Foreign Language – with a minimum of 9 residence credits	9-12
COMM 460 Cross Cultural Communication	3
ENG 240 Basic English Linguistics	3

ENVIRONMENTAL SCIENCE MINOR

20 credits

BIO 256 Environmental Science w/lab	4
BIO 410 Ecology w/lab	4
CHEM 205 Elements of General & Biological Chemistry w/lab	4
SCI 135 Earth Science w/lab	4

GERMAN MINOR

24 credits

GER 201 Intermediate German I	3
GER 202 Intermediate German II	3
GER 301 German Conversation & Composition	3
GER 306 German Literature	3
GER 307 Applied Linguistics	3
GER 331 Advanced German Grammar & Composition	3

HISTORY MINOR

21 credits

d:	
U.S. History	6
European History	6
Non-Western/Global History	6
HIST 385 Historical Methods	3
HIST 491 Seminar in European History	3

HIST 491 Seminar in European History (3) (S) (C) (D) (E) (F) (G) (H) (I) (J) (K) (L) (M) (N) (O) (P) (Q) (R) (S) (T) (U) (V) (W) (X) (Y) (Z) (AA) (AB) (AC) (AD) (AE) (AF) (AG) (AH) (AI) (AJ) (AK) (AL) (AM) (AN) (AO) (AP) (AQ) (AR) (AS) (AT) (AU) (AV) (AW) (AX) (AY) (AZ) (BA) (BB) (BC) (BD) (BE) (BF) (BG) (BH) (BI) (BJ) (BK) (BL) (BM) (BN) (BO) (BP) (BQ) (BR) (BS) (BT) (BU) (BV) (BW) (BX) (BY) (BZ) (CA) (CB) (CC) (CD) (CE) (CF) (CG) (CH) (CI) (CJ) (CK) (CL) (CM) (CN) (CO) (CP) (CQ) (CR) (CS) (CT) (CU) (CV) (CW) (CX) (CY) (CZ) (DA) (DB) (DC) (DD) (DE) (DF) (DG) (DH) (DI) (DJ) (DK) (DL) (DM) (DN) (DO) (DP) (DQ) (DR) (DS) (DT) (DU) (DV) (DW) (DX) (DY) (DZ) (EA) (EB) (EC) (ED) (EE) (EF) (EG) (EH) (EI) (EJ) (EK) (EL) (EM) (EN) (EO) (EP) (EQ) (ER) (ES) (ET) (EU) (EV) (EW) (EX) (EY) (EZ) (FA) (FB) (FC) (FD) (FE) (FF) (FG) (FH) (FI) (FJ) (FK) (FL) (FM) (FN) (FO) (FP) (FQ) (FR) (FS) (FT) (FU) (FV) (FW) (FX) (FY) (FZ) (GA) (GB) (GC) (GD) (GE) (GF) (GG) (GH) (GI) (GJ) (GK) (GL) (GM) (GN) (GO) (GP) (GQ) (GR) (GS) (GT) (GU) (GV) (GW) (GX) (GY) (GZ) (HA) (HB) (HC) (HD) (HE) (HF) (HG) (HH) (HI) (HJ) (HK) (HL) (HM) (HN) (HO) (HP) (HQ) (HR) (HS) (HT) (HU) (HV) (HW) (HX) (HY) (HZ) (IA) (IB) (IC) (ID) (IE) (IF) (IG) (IH) (II) (IJ) (IK) (IL) (IM) (IN) (IO) (IP) (IQ) (IR) (IS) (IT) (IU) (IV) (IW) (IX) (IY) (IZ) (JA) (JB) (JC) (JD) (JE) (JF) (JG) (JH) (JI) (JJ) (JK) (JL) (JM) (JN) (JO) (JP) (JQ) (JR) (JS) (JT) (JU) (JV) (JW) (JX) (JY) (JZ) (KA) (KB) (KC) (KD) (KE) (KF) (KG) (KH) (KI) (KJ) (KK) (KL) (KM) (KN) (KO) (KP) (KQ) (KR) (KS) (KT) (KU) (KV) (KW) (KX) (KY) (KZ) (LA) (LB) (LC) (LD) (LE) (LF) (LG) (LH) (LI) (LJ) (LK) (LL) (LM) (LN) (LO) (LP) (LQ) (LR) (LS) (LT) (LU) (LV) (LW) (LX) (LY) (LZ) (MA) (MB) (MC) (MD) (ME) (MF) (MG) (MH) (MI) (MJ) (MK) (ML) (MN) (MO) (MP) (MQ) (MR) (MS) (MT) (MU) (MV) (MW) (MX) (MY) (MZ) (NA) (NB) (NC) (ND) (NE) (NF) (NG) (NH) (NI) (NJ) (NK) (NL) (NM) (NO) (NP) (NQ) (NR) (NS) (NT) (NU) (NV) (NW) (NX) (NY) (NZ) (OA) (OB) (OC) (OD) (OE) (OF) (OG) (OH) (OI) (OJ) (OK) (OL) (OM) (ON) (OO) (OP) (OQ) (OR) (OS) (OT) (OU) (OV) (OW) (OX) (OY) (OZ) (PA) (PB) (PC) (PD) (PE) (PF) (PG) (PH) (PI) (PJ) (PK) (PL) (PM) (PN) (PO) (PP) (PQ) (PR) (PS) (PT) (PU) (PV) (PW) (PX) (PY) (PZ) (QA) (QB) (QC) (QD) (QE) (QF) (QG) (QH) (QI) (QJ) (QK) (QL) (QM) (QN) (QO) (QP) (QQ) (QR) (QS) (QT) (QU) (QV) (QW) (QX) (QY) (QZ) (RA) (RB) (RC) (RD) (RE) (RF) (RG) (RH) (RI) (RJ) (RK) (RL) (RM) (RN) (RO) (RP) (RQ) (RR) (RS) (RT) (RU) (RV) (RW) (RX) (RY) (RZ) (SA) (SB) (SC) (SD) (SE) (SF) (SG) (SH) (SI) (SJ) (SK) (SL) (SM) (SN) (SO) (SP) (SQ) (SR) (SS) (ST) (SU) (SV) (SW) (SX) (SY) (SZ) (TA) (TB) (TC) (TD) (TE) (TF) (TG) (TH) (TI) (TJ) (TK) (TL) (TM) (TN) (TO) (TP) (TQ) (TR) (TS) (TT) (TU) (TV) (TW) (TX) (TY) (TZ) (UA) (UB) (UC) (UD) (UE) (UF) (UG) (UH) (UI) (UJ) (UK) (UL) (UM) (UN) (UO) (UP) (UQ) (UR) (US) (UT) (UU) (UV) (UW) (UX) (UY) (UZ) (VA) (VB) (VC) (VD) (VE) (VF) (VG) (VH) (VI) (VJ) (VK) (VL) (VM) (VN) (VO) (VP) (VQ) (VR) (VS) (VT) (VU) (VV) (VW) (VX) (VY) (VZ) (WA) (WB) (WC) (WD) (WE) (WF) (WG) (WH) (WI) (WJ) (WK) (WL) (WM) (WN) (WO) (WP) (WQ) (WR) (WS) (WT) (WU) (WV) (WW) (WX) (WY) (WZ) (XA) (XB) (XC) (XD) (XE) (XF) (XG) (XH) (XI) (XJ) (XK) (XL) (XM) (XN) (XO) (XP) (XQ) (XR) (XS) (XT) (XU) (XV) (XW) (XX) (XY) (XZ) (YA) (YB) (YC) (YD) (YE) (YF) (YG) (YH) (YI) (YJ) (YK) (YL) (YM) (YN) (YO) (YP) (YQ) (YR) (YS) (YT) (YU) (YV) (YW) (YX) (YZ) (ZA) (ZB) (ZC) (ZD) (ZE) (ZF) (ZG) (ZH) (ZI) (ZJ) (ZK) (ZL) (ZM) (ZN) (ZO) (ZP) (ZQ) (ZR) (ZS) (ZT) (ZU) (ZV) (ZW) (ZX) (ZY) (ZZ)





III. SECONDARY EDUCATION (GRADES 6-12)



OPTION II: BFS Major with a Concentration Physical Science (Typical Course Selections)

	(26 d)	
SCI 155 Physical Sciences		4
PHYS 151 General Physics I		4
PHYS 152 General Physics II		4
CHEM 210 Inorganic Chemistry I		4
CHEM 213 Inorganic Chemistry II		4
Chemistry Electives		6
	(13 d)	
SCI 135 Earth Science		4
PHYS 107 Astronomy		3

NOTE: ED 376 Curriculum & Methods in Science—Secondary/Middle is required in the secondary education broad fieldC 20.T1_1 Ts 100 Tz 0)-22/Span<ActualText&EFF0009&EDC ()Tj8.1Td(C)Tj.MC 20.58 1 Tf0 Tc <ActualText&EFF004F0050>520

MATHEMATICS MAJOR

Art Education & K-12 Education Requirements – 37 credits
 AE 102 Foundations of Art Ed 3 crs.
 AE 235 Elementary Art Education Theory and Practice 2 crs.
 AE 237 Strategies for Mainstreaming in Art Education 1 cr.
 AE 335 Secondary Art Education Theory and Practice 3 crs.
 AE 340 Curriculum Design for Art Education 3 crs.

AE 342 Art Education: Studio Practice 3 crs.
 PSY 221 Child Development 3 crs.
 ED 203 Educational Foundations 3 crs.

Field Experiences – 15 credits
 ED 100 (211) Clinical I: General 1 cr.
 ED 100 (212) Clinical II: Multicultural 1 cr.

Lutheran Church Missouri Synod (LCMS) Education – 6 credits
 REL 203 New Testament 3 crs.
 REL 404 Lutheran Confessions 3 crs.

ED 306 Teaching the Faith 3 crs.
Note: REL 203 may also be counted within Core Requirements

BUSINESS EDUCATION MAJOR

37 credits

ACCT 101 Accounting Principles I 3
 ACCT 102 Accounting Principles II 3
 BUS 130 Principles of Management 3
 BUS 210 Business Law I 3
 BUS 360 Small Business Administration 3
 BUS 450 International Business 3
 ECON 200 Principles of Economics 3
 COMM 247 Business Writing 3
 MKTG 131 Principles of Marketing 3

GERMAN MAJOR

37 credits

GER 201 Intermediate German I 3
 GER 202 Intermediate German II 3
 GER 301 Conversation & Composition 3
 GER 306 Literature 3
 GER 307 Applied Linguistics 3
 GER 331 Advanced German Grammar & Composition 3
 GER 361 Civilization & Culture 3
 GER 490 Seminar/Capstone Course 3

MUSIC MAJOR – GENERAL/CHORAL K-12

53 credits

MUS 240 Music Theory I 3
 MUS 241 Music Theory II 3
 MUS 242 Music Theory III 3
 MUS 243 Music Theory IV 3
 MUS 271 Music History I 3
 MUS 272 Music History II 3
 MUS 250 Beginning Conducting 3
 MUS 315 Techniques of Teaching Voice 2
 MUS 351 Advanced Conducting 3
 MUS 37_ (Choose upper level music history course) 3
 MUS 445 Composing/Arranging 3

NOTE: *ED 379 Curriculum & Methods in Music is also required for K-12 general/choral music.





II. MAJOR**67.5 crs.**

Professional Core Foundations — 5

Wellness Assessment — 3

Prof. Core Found. Lab — 1

Community Wellness — 4

Community Wellness Od8nF0009>am — 1

CommunLeadershipOd8nF0009>am — 1.

III. NURSING MAJOR**70 crs.**

Many nursing courses may be accepted as transfer credits from accredited associate or diploma nursing programs. All R.N. Completion students must take the following courses: Nurs 232, 301, 335, 342, 442*, 492.

Pharmacology — 2.5

Pathophysiology — 4

Intro to Professional Nursing — 1

Professional Core Foundations — 5

Alterations in Wellness I — 3

Alterations in Wellness I Practicum — 1

Professional Core Foundations Lab — 1

Wellness Assessment — 3

Nursing and The Neuman Model — 3

MAJOR COURSES (MOT):

RSC 304 Teaching and Learning in Rehabilitation	4 crs.
RSC 307 Health Promotion in Rehabilitation	3 crs.
PSY 230 Life Span Development	3 crs.
RSC 310 Culture in Rehabilitation	3 crs.
SOC 375 Death & Dying	3 crs.
SOC 392 Aging and the Social Environment	3 crs.
HHP 375 Biomechanics	3 crs.
RSC 201 Medical Ethics in Rehabilitative Science	3 crs.
OT 521 Foundational Concepts in RS/OT	3 crs.

Apply for acceptance into the MOT program during the 4th semester of the above coursework. Start paying graduate tuition from this point on.

Major courses continued:

BIO 550 Human Anatomy with lab	6 crs.
OT 523 Clinical Kinesiology	3 crs.
OT 525 Therapeutic Skills	2 crs.
OT 529 Assessment Skills	3 crs.
OT 540 Scientific Inquiry I	3 crs.
OT 544 Clinical Conditions	3 crs.
OT 560 Neuroscience	3 crs.
OT 546 Group Skills	3 crs.
OT 548 Clinical Practicum Group	1 cr.
OT 561 Rehabilitation Science (Neuromuscular)	3 crs.
OT 563 Pediatric Practice I	3 crs.
OT 565 Psychosocial Practice I	3 crs.
OT 569 Scientific Inquiry II	3 crs.
OT 571 Work Practice I	3 crs.
OT 573 Clinical Practicum (pediatric focus)	2 crs.
OT 584 Clinical Practicum (adult rehab focus)	2 crs.
OT 586 Rehabilitation Science (orthopedics)	3 crs.
OT 594 Psychosocial Practice II (elective)	2 crs.
OT 592 Rehabilitation Science (upper extremity) (elective)	2 crs.

Completion of the BS degree whetextFEFF002E-BDC (.)TjEMC -40.436 -2.421 TdF0009-BDC (.)TjEMC 31.278 0 Td[(2 g -2.421 Td[(C

(1)226T(0)[T]E266(9)JEMFde(O)T]EM(59E)263(1)278(BE)266(rahah)-26(Soc)E]E263(278-0)26(ortremity)]TJ/Spa<ActualTextFEFF000900

OCCUPATIONAL THERAPY PROGRAM

CUW's Master of Occupational Therapy program aims to help students develop entry level clinical skills, sound clinical reasoning based on theory and research, and beginning clinical research skills. The small class size allows personal faculty attention and mentoring. Exposure to different client populations in a wide variety of clinical and community settings occurs throughout the program. Classes are taught in extended time blocks that allow time for student fieldwork and employment.

Problem Based Learning (PBL) is an educational method that uses small group teams facilitated by either a faculty member or community clinician. Actual cases are presented to the group to address. PBL is used to help the students integrate course material, practice clinical problem solving, and become more familiar with the ambiguities of clinical practice.

Research is an important focus of the MOT program. Students learn to critically read and analyze literature, write evidence based research papers, and participate in a group research project with a poster presentation as the outcome. The faculty are actively engaged in research which provides additional research opportunities for students. CUW has state-of-the-art kinematic motion analysis equipment in the research laboratory that is available for student research projects.

Technological competence is another focus of the MOT program. Students become adept at using technology for professional use as well as clinical use. CUW has an extensive assistive technology lab that is available for student learning.

Concordia University Wisconsin's (CUW) Master of Occupational Therapy (MOT) program requires five semesters of sequential graduate work, including fieldwork. Students will need to complete each semester of the program before beginning the following semester course work. Students with a relevant undergraduate degree can be admitted directly to the MOT program with an outcome of a Master's Occupational Therapy degree. Students enrolled in the Bachelor of Science Degree in Rehabilitative Science are able to complete the undergraduate program (BSRS) and the Master of Occupational Therapy Program in a total of 4.5 years. A "three plus three" program is available for CUW students who are just beginning their undergraduate studies. Three years are devoted to study of a major (student choice) and an additional three years are devoted to their study of occupational therapy. The outcome is both a Bachelor's Degree in the major field and a Master's of Occupational Therapy degree in six years.

The Concordia University Wisconsin, Occupational Therapy, web site (<http://www.cuw.edu/ot>) contains additional information on the Master of Occupational Therapy program, including application and volunteer forms, or you may contact the graduate school admissions office for a complete packet of information.

The CUW Occupational Therapy program is non-discriminatory in recruitment, admissions, and program administration with respect to race, color, creed, sex, age, disabilities, religion, or national origin.

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. ACOTE representatives can be reached at (301) 652-6611, x2910, or e-mailed at accred@aota.org. Graduates of the Program will be able to sit for the National Certification Examination for the Occupational Therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). NBCOT can be contacted by e-mail at <http://www.nbcot.org>, by mail at 800 S. Frederick Ave.

- Request transcripts from all other colleges attended. Concordia University must receive transcripts from other colleges *before final acceptance* into the program can be made. Transcripts for courses in progress can be submitted upon completion of the course.
- Submit volunteer verification forms indicating at least 40 hours of volunteer experience working with an Occupational Therapist. These hours may be done at one facility or a variety of facilities. Volunteer Verification forms are included in the application packet and are available from the graduate admission office.
- Submit a nonrefundable application fee of \$35.00.
- Include two letters of recommendation with the application for admission. At least one letter should be from

REQUIRED PRE-PHYSICAL THERAPY COURSE WORK

1. *Pre-Physical Therapy Required Science Course Work:* All students must have the following science course work (or its equivalent from another school) completed or in progress with a 3.0 or better average before entering the program. Students taking the equivalent Advanced Placement (A/P) class for a science prerequisite and scoring a 4 or 5 on the exam will meet the prerequisite requirement. Students who pass the CLEP test in a particular required science course will also meet the requirement. In neither of these situations will the scores be figured into the GPA.

- CHEM 210: Chemistry I
- CHEM 213: Chemistry II
- PHYSICS 151: Physics I
- PHYSICS 152: Physics II

Only one class in the science requirements may be repeated. If a repeated science course is taken outside Concordia University Wisconsin it must be approved by the Registrar's office.

Single semester survey courses in Biology, Chemistry or Physics are not accepted in meeting the requirements for the Pre-Physical Therapy required science course work. Organic Chemistry will not substitute for the general Chemistry requirements. The Physics sequence does not have to be calculus-based.

2. *Pre-Physical Therapy Required General ..*

- Trigonometry
- Advanced Writing
- Computer Skills Class

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.

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.

The priority application deadline is February 1st of every year. Applications will be considered after that date in the order they are received. Priority applicants will be notified of acceptance by March 1st of each year. Deposits will be required by March 20th. Students are responsible for assuring the completeness of their applications and may call the Graduate Admission office for information.

ADMISSION REQUIREMENTS

1. All pre-PT science courses must be completed with an average of 3.0 (see required pre-PT courses and grades).
2. The overall GPA must be 3.0 or above.
3. GRE scores are not required for application to the program.
4. Applicants must have volunteer or work experience with individuals who are physically disabled. There is a minimum amount of time required; students are encouraged to work with a physically disabled individual for at least 100 hours.

TUITION

Students in the Radiologic Technology Program will pay CUW tuition during the pre-clinical and clinical aspects of the program. Students in the clinical aspect of the program do not have to pay any overload tuition charges. A percentage of the tuition will be given to the clinical program. Thus, students who are receiving the Emeritus (full) Scholarship or are full time CUW employees (tuition-free) will need to pay tuition during the clinical aspect of the program.

RADIOLOGIC TECHNOLOGY COMPONENT REQUIREMENTS - COLUMBIA ST. MARY'S

d	(&)
Medical Terminology			1.5 crs.
Patient Care			1.5 crs.
Medical Ethics and Law			1 crs.
Radiographic Procedures I, II, III			8 crs.

RADIOLOGIC TECHNOLOGY COMPONENT REQUIREMENTS - FROEDTERT HOSPITAL

d	(&)	
Methods of Patient Care	3	crs.	Radiographic Exposure I	3
Medical Terminology	2	crs.	Radiographic Exposure II	2
Cross Sectional Anatomy	3	crs.	Computers in Radiologic Science	3
Radiation Protection	2	crs.	Radiographic Pathology	2
Radiation Biology	2	crs.	Quality Assurance/Quality Control (QC)	3
Introduction to Radiography	2	crs.	Professional Development	1
Radiographic Physics I	2	crs.	Independent Study	2
Radiographic Physics II	2	crs.	Radiographic Clinical I, II, III, IV, V, VI	23
Radiographic Procedures I	2	crs.		
Radiographic Procedures II	3	crs.	I. Pre-Professional/Core Curriculum	61
Radiographic Procedures III	1	crs.	II.	_____
Radiographic Procedures IV	3	crs.		

RADIOLOGIC TECHNOLOGY COMPONENT REQUIREMENTS - WHEATON FRANCISCAN HEALTHCARE, ST. JOSEPH SCHOOL OF RADIOLOGIC TECHNOLOGY

d	(&)	
Orientation	.5	crs.	Radiation Biology / Protection	3
Anatomy	4	crs.	Film Critique	2
Physiology I / Physiology II	4	crs.	Special Procedures	2
Patient Care	2	crs.	Special Imaging Modalities	.5
Medical Terminology I /			Quality Assurance	.5
Medical Terminology II	2	crs.	Introduction to Computers	.5
Radiographic Positioning	3	crs.	Radiography Clinical I, II, III, IV	34
Special Radiographic Positioning	.5	crs.		
Darkroom / Automatic Processing	.5	crs.	I. Pre-Professional/Core Curriculum	61
Physics	4	crs.	II. Radiologic Technology Major	<u>67</u>
Radiographic Technique / Exposure	4	crs.	TOTAL	128

PRE-PROFESSIONAL REQUIREMENTS

CUW CORE CURRICULUM

(Consult with academic advisor)

48 crs. (subtract 4 credits for lab science as listed below).

ADDITIONAL CORE REQUIREMENTS FOR RADIOGRAPHY TECHNOLOGY PROGRAM:

BIO 140 Gen Bio I w/lab	4	BIO 272 Hum Anat & Phys II w/lab	4
BIO 142 Gen Bio II w/lab	4	TOTAL	60
BIO 270 Hum Anat & Phys I w/lab	4		

SOCIAL WORK MAJOR

Social Work is a profession devoted to helping people function as well as they can within their environment. Social workers do this by using a variety of methods to help people and provide services to clients, as well as by working for improved social conditions. Professional social work is a dynamic, growth profession based on knowledge from the social sciences and its own research and practice. Social work offers a broad range of settings for practice: hospitals, schools, prisons, family service agencies, nursing homes, mental health agencies, and community service agencies

MISSION

The primary mission of the CUW Social Work Program is to prepare graduates for baccalaureate level, generalist, professional social work practice in a variety of settings with individuals, families, groups, organizations, and communities.

The Social Work Program at Concordia University Wisconsin is designed to utilize the strengths of the liberal arts perspective with emphasis on an interdisciplinary curriculum. The liberal arts perspective includes language, literature, religion, history, philosophy, art, and science those aspects of our life that pertain to our culture and our society, as well as the cultures and societies of which we are not a part.

The social work curriculum is designed to provide the conceptual skills, a broad knowledge base, and the practical, applied skills necessary to improve and enhance interpersonal relations. The liberal arts provide the generalist social work student with a variety of contexts within which they gain multiple perspectives to be able to identify, understand, and respond to human problems within multiple social contexts. The CUW baccalaureate social work program will employ the resources of all appropriate academic units in the education of social work majors.

The professional social work foundation includes content on social work values and ethics, diversity, social and economic justice, populations at risk, human behavior and the social environment, social welfare policy and services, social work practice, research, and field practicum. These content areas are fully integrated into the sum total of the social work student's academic experience.

SOCIAL WORK PROGRAM GOALS

The goals of the CUW social work program are to:

- Provide content about social work practice with client systems of various sizes and types
- Prepare graduates to practice with diverse populations
- Provide content about the social contexts of social work practice, the changing nature of those contexts, the behavior of organizations, and the dynamics of change
- Infuse throughout the curriculum the values and ethics that guide professional social workers in their practice
- Prepare graduates who are aware of their responsibility as professional social workers to continue their professional growth and development
- Promote understanding of social and economic justice and develop skills in working with oppressed groups and populations at risk
- Create and maintain a systematic process of communication with groups and organizations that influence social policies and social work services
- Provide interdisciplinary content to enhance the understanding of social welfare issues and policies for students in other disciplines
- Respond to the social problems and needs of the local community and region

SOCIAL WORK PROGRAM OBJECTIVES

- Apply critical thinking skills within the context of professional social work practice
- Implement the values and ethics of social work while demonstrating respect for the value of diversity
- Demonstrate the professional use of self including awareness of one's own values, biases, and feelings
- Identify and define the forms and mechanisms of oppression and discrimination, and the strategies of change that advance social and economic justice
- Integrate the history of the social work profession with its current structures and issues

- Apply the knowledge and skills of generalist social work to practice with systems of all sizes: individuals, families, groups, organizations, and communities
- Use theoretical frameworks to understand the interactions among individuals and social systems, applying the knowledge of biopsychosocialspiritual variables that effect individual development and behavior
- Evaluate research studies and apply them to practice
-

AFFIRMATIVE ACTION/NONDISCRIMINATION

The Concordia University Social Work Program advocates for and applies an affirmative action procedure and nondiscrimination policy that includes students, field instructors, supervisors, and agencies. Any form of discrimination is unethical and unjust and the social work program will actively seek out and include people of color, women, those who are physically handicapped, diverse national groups, and older, nontraditional students.

The social work program will not discriminate in any aspect of the program, its organizations and implementation, against any person on the basis of age, gender, race, color, creed, ethnicity, or national origin.

THE INDIVIDUALIZED MAJOR AND MINOR

(Major 30 cr. minimum) (Minor 18 cr. minimum)

An exception to the requirement of a readymade major may be granted to a limited number of capable students with special needs or interests. For example, the student whose particular academic interests or career goals may better be served by a distinctive and flexible, but related grouping of course, that provide for sustained contact with some problem or topic, may develop an appropriate major within the existing resources of the college.

Such selfdesignated proposals are initiated by the student with the aid of the mentor or academic advisor, developed with the assistance of a professor from an appropriate field, and submitted to the Academic Council for evaluation and recommendation. Final action rests with the Vice President of Academics. If approved, a copy of the plan must be filed in the student's records by the Registrar.

SCHOOL OF ADULT AND CONTINUING EDUCATION

Concordia University's School of Adult Education is charged with carrying the mission of the University to the non-traditional adult student. Like the traditional degree programs, the programs in the School of 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.

The School of Adult Education delivers courses at eleven off-campus centers located in Missouri, Indiana, and Louisiana as well 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. The School of Adult and Continuing Education produces a separate catalog. You are referred to it for further details.

COURSES R CM
 Rax*9 Dec 11 08 a8 M

ACCT 330 CONSOLIDATION/ADVANCED ACCOUNTING I is a study of accounting principals, theoretical concepts, conventions, and research techniques to record and report transactions dealing with business combinations. Related topics such as foreign currency translation will also be considered. Students will add to their store of research tools begun in intermediate accounting through preparation and presentation of library research projects. Prerequisite: ACCT 311 (or by permission of the instructor). 3 credit hours.

ACCT 350 INCOME TAX I presents the history of federal income taxation and covers the taxation of personal income. Emphasis is focused on the determination of gross income, adjusted gross income, deductions, credits, and consequences of property transactions. Tax policies and procedures reviewed relate to the Internal Revenue Code and interpretations of the Internal Revenue Service. Prerequisite: ACCT 311. 3 credit hours.

ACCT 360 INCOME TAX II studies partnership, fiduciary, and corporation income tax laws for proper treatment of various types of income, deductions, the consequences of ownership interests, and the application of various rates to taxable situations. Covers the administrative procedures for protests, refunds, and gift-estate taxes. Prerequisite: ACCT 350. 3 credit hours.

ACCT 398 SPECIAL TOPICS IN ACCOUNTING provides a senior discussion, lecture, and/or research forum (including individual research) for special accounting subjects not addressed by the regular curriculum. Prerequisites: ACCT 311. 3 credit hours.

ACCT 420 AUDITING presents the philosophy, concepts, and techniques utilized by independent auditors; covers professional ethics and legal relationships; evaluates and reports on internal control as applied to the planning and implementation of the auditing process; and formulates substantive testing procedures from a study and analysis of required auditing objectives and internal control structure. Prerequisites: ACCT 311. 3 credit hours.

ART EDUCATION

AE 102 FOUNDATIONS OF ART EDUCATION introduces the historic and philosophic bases of education and art education and examines relationships between those bases and current practice. Students explore the methodologies of visual learning including the use of contemporary technologies and complete Portfolio I requirements. 3 credit hours.

AE 235 ELEMENTARY ART EDUCATION: THEORY AND PRACTICE introduces the rationale and methodologies for teaching art at the elementary level within the context of child development. Topics include the role of the arts in elementary education, child development and visual learning, the design and application of developmentally appropriate curricula, and effective classroom strategies. Taught concurrently with AE 237. Prerequisite: ART 141. 2 credit hours.

AE 237 STRATEGIES FOR MAINSTREAMING IN ART EDUCATION introduces art education majors to the various types of learners in the art education classroom. Students will receive instruction in classroom management and teaching strategies for students with special needs. Taught concurrently with AE 235. Prerequisite: AE 235. 1 credit hour.

AE 335 SECONDARY ART EDUCATION: THEORY AND PRACTICE introduces the rationale and methodologies for teaching art at the secondary level based upon an understanding of preadolescent and adolescent development. Topics include the role of arts activities in secondary education, preadolescent and adolescent development, the design and implementation of developmentally appropriate curricula, evaluation processes, and effective classroom strategies. Prerequisites: AE 235 and acceptance into the Art Education Program. 3 credit hours.

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

ART 222 OUTDOOR DRAWING AND PAINTING explores a variety of drawing and painting techniques in the outdoor setting. Students receive individualized

ART 401 INDEPENDENT STUDIO ART I offers the highly motivated, self directed art student a unique opportunity to explore an area of personal interest in depth. Students meet regularly with an instructor for guidance as they plan and execute their individualized course of study. Prerequisites: Consent of instructor. Studio Fee. 13 credit hours.

ART 402 INDEPENDENT STUDIO ART II offers the highly motivated, self directed art student a unique opportunity to explore an area of personal interest in depth. Students meet regularly with an instructor for guidance as they plan and execute their individualized course of study. Prerequisites: ART 401 and consent of instructor. Studio Fee. 13 credit hours.

ART 430 ART INTERNSHIP offers the independently motivated art student an opportunity to gain firsthand field experience in a particular area of interest or study while earning university credit. Students are responsible for making appropriate arrangements receive credit for internships, at the rate of 15 per credit hour. Hours vary and are flexible as per arranged between student and site supervisor. Prerequisite: Consent of instructor. 3 credit hours. Additional information on internship opportunities may be found at www.cuw.edu/Tools/resources/lces/guides/internship/info.htm

ART 450 SENIOR PORTFOLIO guides the student in the preparation of a professional portfolio. In this capstone course, students assemble appropriate documentary evidence of their skills and prepare an exhibit of their work in the CUW Art Gallery. Prerequisite: Status as an Art, Graphic Design, Illustration or Photography major in their final semester. Studio Fee. 1 credit hour.

BIOLOGY

All 4 credit courses include a lab

BIO 140 GENERAL BIOLOGY I is an introductory course which contains a heavy emphasis on the cell, its structures, and the processes which take place inside the smallest of living units. 4 credit hours.

BIO 142 GENERAL BIOLOGY II studies the biological processes that occur at the system level in both plants and animals. Topics such as transportation, organism control, nutrient breakdown and utilization will be compared in different organisms. 4 credit hours.

BIO 145 WINTER BIOLOGY is a field oriented study designed to acquaint the student with local plants and animals in the winter environment which includes a field trip to our northern Shawano Lake campus. Winterim. 3 credit hours.

BIO 146 ESSENTIALS OF ANATOMY & PHYSIOLOGY is a course for non-biology majors. It surveys the major organ systems in the human body from both a structural and functional perspective and includes a lab. 4 credit hours.

BIO 240 ZOOLOGY is a survey of the animal kingdom and study of the biology of animals in their natural environment. Prerequisite: BIO 140 or BIO 270/271. 4 credit hours.

BIO 244 BOTANY is an indepth study of the plant kingdom with emphasis on the study of plants in their natural habitat. Prerequisite: BIO 140 or BIO 270/271. 4 credit hours.

BIO 249 MEDI EDI



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 credit hours.

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 credit hours.

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 credit hours.

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

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 credit hours.

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. Gender-specific issues in dating, education, the family, religion, and the work place will be discussed. A student project focusing on how the media stereotypes male and female roles is required. Cross-listed PSY 354. 3 credit hours.

COMM 371 PHILOSOPHY AND FILM is designed to help students understand how films are created, and to see how films can embody and express worldviews. Students learn to identify worldviews implicit in a film, and to discern whether the film's presentation is supportive or critical. They are also required to defend or critique the worldview itself. This course may be taken as the core class in Philosophical Foundations, and is cross-listed as COMM 371. 3 credit hours.

COMM 380 ORGANIZATIONAL COMMUNICATION is a study of how communication can detract from or improve productivity, profitability, morale, product quality, and efficiency in public and private organizations. Emphasis is placed on the role of communication in different approaches to leadership, decision-making, conflict management, worker effectiveness, employee motivation. 3 credit hours.

COMM 385 INTERVIEWING PRINCIPLES is the study of strategies and techniques used in journalistic, employment, counseling, and persuasive interviews, with emphasis placed on employment interviews. Topics to be covered include do's and don'ts in interviews, interviewing strategies, legal aspects of interviewing, and communication skills. 3 credit hours.

COMM 390 CONFLICT MANAGEMENT focuses on causes, types, and functions of conflict in family and work environments; the course reviews alternative tactics usable in conflict situations. Prevention of conflict and alternatives to resolving conflict are examined. Methods of dealing with tough individuals and situations are practiced and critiqued. Prerequisite: COMM 201. 3 credit hours.

COMM 400 is a study of the history, theory, and practice of public relations. The course covers the development of public relations as a profession, the role of public relations in organizations, and the ethical responsibilities of public relations practitioners. Prerequisite: COMM 201. 3 credit hours.

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 credit hours.

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 credit hours.

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 hour.

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 credit hours.

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 credit hours.

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 credit hours...

- ED 203 **EDUCATIONAL TECHNOLOGIES** is a course that teaches how to develop a spreadsheet, a database, and web pages. Spreadsheet development includes formatting and formulas. Database creation includes working with tables, queries, forms, reports and mail merge. The concept of WebQuests and developing web pages is also learned, and copyright issues are explored. Although designed for education students, this course can be taken by anyone. No prerequisite. 1 credit hour.
- ED 204 **DEVELOPMENTAL READING (GR. K-9)** surveys the nature of the teaching of reading, covering the varied elements of the reading process, different kinds of reading, and various approaches to the teaching of reading. Includes field experience. 4 credit hours.
- ED 209 **EDUCATIONAL PSYCHOLOGY – ADOLESCENT** presents theories of development, learning, and motivation in the context of the early adolescent and adolescent student. 3 credit hours.
- ED 211 **CLINICAL I** - is an initial clinical experience for education students in public and private classrooms and a selection of grade levels. The experience involves 30-50 clock hours of work during the semester in teaching-learning situations: observing, tutoring, clerical work, small group instruction, etc. Students register for this course by enrolling in ED 100 Pre-UDS. 1 credit hour.
- ED 212 **CLINICAL II** - is an initial clinical experience for education students in a multicultural environment. The experience involves 30-50 clock hours of work during the semester in teaching and learning situations: observing, tutoring, clerical work, small group instruction, etc. Students register for this course by enrolling in ED 100 Pre-UDS. 1 credit hour.
- ED 213 **CLINICAL III** - is an initial clinical experience for education students in a special education environment. The experience involves 30-50 clock hours of work during the semester in teaching-learning situations: observing, tutoring, clerical work, small group instruction, etc. Students register for this course by enrolling in ED 100 Pre-UDS. 1 credit hour.
- ED 230 **NATURE OF THE EXCEPTIONAL CHILD (INTRODUCTION TO CHILDREN WITH SPECIAL NEEDS)** is designed to introduce the education student to a study of the major characteristics of all disabilities as defined by state and federal law in order to recognize their existence in children and youth. Students will study the process and legal requirements for Special Education services, including pre-referral intervention, screening, the referral process, and M-teams and IEPs. Students will also study characteristics of gifted children. 3 credit hours.
- ED 231 **CHILDREN'S LITERATURE** presents an extensive selection of books for children of all ages; criteria for selection; practical methods for arousing the child's interest in books; includes units on the art of the storyteller, drama for and with children, uses of modern technology, and psychological factors in writing children's literature. Students will be expected to read extensively in children's books. 3 credit hours.
- 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 credit hours.
- ED 275 **HUMAN LEARNING** explores theories of human development, learning, and motivation. The practical applications of these theories in educational psychology are presented. Students will be actively engaged in the learning process through a variety of assignments and activities including clinicals, presentations, reflections and other experiences relevant for their portfolio development. 3 credit hours.
- ED 300 **UPPER DIVISION STATUS SEMINAR** is a seminar for education majors who have obtained Upper Division status. UDS Seminar orients students to the requirements necessary to complete the education program. Major components include the Praxis II exam, student teaching, the LCMS Call process, and placement. Students should register for ED 300 every semester after obtaining Upper Division Status until student teaching. 0 credit hours.
- ED 301 **ANALYSIS OF CLASSROOM PRACTICE - ELEMENTARY/MIDDLE** introduces teaching strategies that are practiced in other methods courses. Emphasizes lesson planning, writing objectives, classroom management, and discipline techniques. Prerequisite: acceptance to Upper Division Status or instructor's consent. 3 credit hours.
- ED 303 **CURRICULUM & METHODS IN LANGUAGE ARTS ELEMENTARY/MIDDLE** explores materials and methods in the study of the communication skills: speaking, listening, writing, and reading, and their interrelationships. Prerequisite: Upper Division Status. 3 credit hours.
- ED 304 **CURRICULUM AND METHODS IN MATHEMATICS - ELEMENTARY/MIDDLE** explores content, materials, and strategies for teaching and assessing elementary and middle school students' mathematics. Current research in mathematics education and curriculum development is emphasized. Preservice teachers will teach mathematics in local schools and develop a philosophy for teaching mathematics. Prerequisites: MATH 119 and 120; Upper Division Status. 3 credit hours.
- ED 305 **CURRICULUM & METHODS IN SCIENCE & ENVIRONMENT - ELEMENTARY/MIDDLE** presents an overview of curriculum, materials, and methods of teaching science and environmental concerns. Meets Wisconsin DPI requirements. Prerequisite: Upper Division Status; ED 301 completed or concurrent. 3 credit hours.
- ED 306 **TEACHING THE FAITH** helps the student develop knowledge of resources and skills necessary to teach religion in the elementary classroom. Not required of public education students. Prerequisite: Upper Division Status and completion of Core theology requirements and either REL 204 or REL 404. 2 credit hours.
- ED 310 **METHODS OF TEACHING FOREIGN LANGUAGE AND ENGLISH AS A SECOND LANGUAGE** introduces the student to the methods, curriculum, and current practices in the teaching of foreign language and/or English as a second language. Prerequisite: Upper Division Status. 3 credits.
- ED 311 **CURRICULUM AND METHODS OF THEATRE** works the student through the problems of teaching, planning, and presenting theater programs. Where to find and how to select scripts, involving parents, designing and sequential curriculum, theater games, and school programs are covered. Crosslisted THTR 311. 3 credit hours.
- ED 312 **MATH IN MIDDLE SCHOOL** investigates mathematics content and methods appropriate for teaching math to middle level students. National trends and current philosophy of teaching mathematics at this level is discussed. Prerequisite: Upper Division Status. 3 credit hours.
- ED 315 **PRACTICUM IN ESL** provides students with an opportunity to explore theory and practice in a local ESL classroom. 1 credit hour.
- ED 327 **WORKING WITH CHILDREN WITH** C .798 0 Td(G)-10(-)-32(W)J/Spn/478phy of teaching mathemat{3}-10(2)JEMC u5MC u5MC u5MC u5MC J/Spn/4c.

ED

ED 412 PORTFOLIO COMPLETION-ELEMENTARY. 1 credit hour.

ED 414 PORTFOLIO COMPLETION-SECONDARY. 1 credit hour.

~~ED~~ 416 MARKETING EARLY CHILDHOOD PROGRAMS studies the challenges related toward successfully marketing Early Childhood programs. Topics include formal and informal marketing, local and corporate sponsorship. 1 credit hour.

ED 417 FINANCIAL MANAGEMENT FOR EARLY CHILDHOOD PROGRAMS studies the issues related to the unique workings of Early Childhood programs and competently managing their financial resources. Topics include bookkeeping, computer resources, budgeting, and investments. 1 credit hour.

ED 418 HUMAN RESOURCES FOR THE EARLY CHILDHOOD PROGRAM explores the intricate relationships and concerns found in managing staff in an early childhood program. Issues include off-site management, full-time and part-time employment, and inter-staff communication. 1 credit hour.

~~ED~~ 421 STUDENT TEACHING-ELEMENTARY GRADES 1-6 provides one of two culminating clinical experiences for students who will receive a teaching license for elementary and mid3q80(I)-1057 638.66(reps eng)-26(clinicexperienceenroperience)-2urrfouED26(fou422(elementar)-20(y)-26(and)-26(mid3q80(I)-1057 638.66(reps Prereq

ED 488 ADVANCED SEMINAR IN EARLY CHILDHOOD ADMINISTRATION provides an extended opportunity to examine a range of topics in child care legislation



HHP 272 INTRODUCTION TO ATHLETIC TRAINING is designed to give the student an understanding of the field of athletic training and to develop knowledge, skills, and values of the various components related to the athletic training profession. 3 credit hours.

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 credit hours.

HHP 275 ADMINISTRATION AND ORGANIZATION OF PHYSICAL EDUCATION AND ATHLETICS exposes the student to the policy making, budget preparation, care and purchase equipment, public relations, legal considerations, hiring procedures, contest management, and safety concerns involved with the organization and administration of elementary/secondary physical education, intramural, and athletic programs. A practicum experience is available. 2 credit hours.

HHP 280 THE PSYCHOLOGY OF SPORT introduces students to mental training techniques designed to help athletes play their best game all the time and maximize their potential. 3 credit hours.

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

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

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

HHP 286 THEORY AND TECHNIQUES OF COACHING TRACK AND FIELD provides the student with theoretical information necessary for the successful coaching of track and field as well as skill analysis, drill development, tactics, strategies and other coaching techniques. 2 credit hours.

HHP 2necessary fAgr60 Td4-DC 0.254 0 Td(F)-10(I)-10(E)-10(L)-10(D)JEMC ETBT/T1_1 1 Tf7 0 0 7 275.4812 553.2579 Tm()TJETBT/T1_2 1 Tf7 0 0 7 277.4832 553.2579 Tm(provide

HHP 374 RECOGNITION AND EVALUATION OF ATHLETIC INJURIES I LABORATORY is an investigation into goniometry, anatomy, and the evaluation components of assessing athletic injuries to the foot, ankle, lower leg, knee, shoulder, elbow, wrist and hand. It is designed to be taken in conjunction with HHP 372. 0 credit hours.

HHP 375 BIOMECHANICS deals with mechanical principles regarding such things as force, inertia, momentum, friction, and the application of these principles to various movements and skill activities. Prerequisite: HHP 371 and HHP 373. 3 credit hours.

HHP 376 RECOGNITION AND EVALUATION OF ATHLETIC INJURIES II involves the study of the assessment and management of athletic injuries to the thigh, pelvis, abdomen, spine, head/cervical, heat/cold emergencies and cardiopulmonary conditions. Prerequisites: HHP 272, HHP 273, BIO 270, BIO 271, HHP 372, and HHP 374. 3 credit hours.

HHP 378 RECOGNITION AND EVALUATION OF ATHLETIC INJURIES II LABORATORY is an investigation into the anatomy, and the evaluation components of assessing athletic injuries to the thigh, pelvis, abdomen, spine, head/cervical, heat/cold emergencies and cardiopulmonary conditions. It is designed to be taken in conjunction with HHP 376. 0 credit hours.

HHP 381 CURRICULUM AND METHODS OF TEACHING SECONDARY HEALTH AND PHYSICAL EDUCATION introduces specific skills needed to teach health and PE in the secondary schools. Concepts introduced in HHP 208 will be expanded upon, providing opportunities to apply educational theory into practice. Students will "practice teach" and create materials needed as a future teacher. Prerequisite: HHP 208. 3 credit hours.

HHP 391 ATHLETIC TRAINING PRACTICUM III is designed to formally structure a minimum of 150 hours of clinical experience specific to the third semester of enrollment in the Athletic Training Education Program. Includes 25% observation and 75% hands-on with either a Concordia University athletic team or in a clinical setting. The purpose of this course is to incorporate specific clinical proficiencies with real life athletic and injury situations. Prerequisites: HHP 292. 3 credit hours.

HHP 392 ATHLETIC TRAINING PRACTICUM IV is designed to formally structure a minimum of 150 hours of clinical experience specific to the fourth semester of enrollment in the Athletic Training Education Program. This course will give the student the opportunity to be a head student athletic trainer with a Concordia University athletic team (100% hands-on) or 100% hands-on with a high school athletic team (outside rotation). The purpose of this course is to incorporate specific clinical proficiencies with real life athletic and injury situations. Prerequisites: HHP 391. 3 credit hours.

HHP 404 CURRICULUM AND METHODS OF TEACHING ELEMENTARY PHYSICAL EDUCATION introduces the student to a wide variety of activities available for teaching physical education to elementary aged children. Students are given teaching opportunities in a variety of activities. Prerequisite: HHP 208. 3 credit hours.

HHP 407 PROFESSIONAL FOUNDATIONS IN PHYSICAL EDUCATION is a "capstone" course for the physical education major. Professional practices in education will be explored. Students will synthesize concepts in the PE major curriculum and extend them to the level of "professional educator" in order to prepare for a career in teaching. 3 credit hours.

HHP 408 PHARMACOLOGY AND ERGOGENIC AIDS is designed to examine pharmaceutical drug applications, interactions and their value to the injury-healing process and athletic performance. Ergogenic aids will be reviewed in the context of their physiological application, moral and ethical values, and athletic performance. Prerequisites: BIO 270/271, BIO 272/273, HHP 371 and HHP 342. 3 credit hours.

HHP 410 MEASUREMENT AND EVALUATION IN . Prerequisite: ED 230.3 credit hours.

HIST 352 UNITED STATES AS A WORLD POWER, 1920-PRESENT is a study of the political, economic, social, and intellectual development of the U.S. since World War I. Several important events and representative figures of the period will be studied in depth. Prerequisite: HIST 103. 3 credit hours.

HIST 356 THE MIDDLE AGES surveys the political, economic, religious, and social development of Europe from the decline of the Roman Empire through the 14th century. Prerequisite: HIST 103. 3 credit hours.

HIST 358 EARLY MODERN EUROPE presents a study of the political, economic, social, and intellectual development of Europe from the decline of the Roman Empire through the 17th century. Prerequisite: HIST 103. 3 credit hours.

MATH 202 CALCULUS II studies analytic geometry, integration and differentiation of the trigonometric and logarithmic functions. Techniques of integration, improper integrals, and vectors are also discussed. Prerequisite: MATH 201. 4 credit hours.

MATH 203 CALCULUS III studies sequences and series, differential equations, partial derivatives, and multiple integration with applications. Prerequisite: MATH 202. 4 credit hours.

MATH 205 STATISTICS I studies the basic methods of sampling and interpreting data, probability, the normal distribution, correlation, hypothesis testing and confidence intervals. Prerequisite: Three years of high school college preparatory mathematics or MATH 121. 3 credit hours.

MATH 220 DISCRETE MATHEMATICS studies the topics of sets, proof, boolean algebra, logic, induction, combinatorics, graph theory, functions, and algorithms. Prerequisite: MATH 201 or MATH 197 or equivalent. 3 credit hours.

MATH 305 STATISTICS II is a course designed to continue the student's background in probability and statistics. Students examine the Chi-Square distribution, F-test, ANOVA, and non-parametric statistical distributions, and moment generating functions. Prerequisites: MATH 197 or MATH 201 and MATH 205. 3 credit hours.

MATH 321 ABSTRACT ALGEBRA is a study of sets, mappings, operations, relations, partitions, and the basic algebraic structures; groups, rings, integral domains, fields, and vector spaces. Prerequisite: MATH 202. 3 credit hours.

MATH 325 LINEAR ALGEBRA AND DIFFERENTIAL EQUATIONS studies elementary linear algebra, including matrices and determinants, vector spaces, linear transformations, solutions of linear systems, and differential equations including series of equations. Prerequisite: MATH 203. 4 credit hours.

MATH 331 GEOMETRY is a study of postulational development of Euclidean and non-Euclidean geometries. Prerequisite: MATH 202 or departmental approval. 3 credit hours.

MATH 441 REAL ANALYSIS studies differentiation and convergence in a real n-space; topology of the real line and metric spaces; theory of the integral; multiple integration; and uniform convergence. Prerequisite: MATH 203. 3 credit hours.

MATH 470 COMPUTATIONAL METHODS provides the essential elements of numerical analysis and computational methods, particularly emphasizing recursive and iterative processes, mathematical modeling, and the analysis of structured algorithms. Prerequisites: MATH 197 (Applied Calculus), MATH 205 (Statistics I), MATH 200 (Discrete Mathematics), and proficiency writing and executing C++ computer programs. 3 credit hours.

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 credit hours.

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 110 PSYCHOLOGY introduces the basic principles, developmental stages of the life cycle, mental health, and applied psychology. Covers the effects of heredity, environment, and culture on development. 3 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 140 MEDICAL LAW AND ETHICS presents legal guidelines and requirements for health care, personal attributes, job readiness, workplace dynamics, and allied health professions and credentialing. Identifies the roles and functions of personnel within the medical office practice setting. Medical ethics and bioethics are discussed as well as risk management issues as they relate to 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. 2 credit hours.

MA 150 PHARMACOLOGY provides students with an introduction to pharmacology. Covers all categories of drugs and the body systems affected by them. Includes dosage calculation, adverse reactions, contraindications, precautions, interactions, administration, and patient management. 1 credit hour.

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. Computer applications are also included. 2 credit hours.

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 230 ANATOMY AND PHYSIOLOGY I teaches the anatomy and physiology of all body systems. Covers common pathology and diseases of each system along with diagnostic and treatment modalities. Includes applications of medical terminology, pronunciation and definitions. the student will learn the basic structure of medical terms and how to build words from word parts. 3 credit hours.

MA 240 ANATOMY AND PHYSIOLOGY II continuation of Anatomy and Physiology, Medical Terminology I. 3 credit hours.

MA 250 LABORATORY PROCEDURES 1 designed to instruct in the collection and preparation of laboratory specimens. Covers information about the laboratory setting, including CLIA. Students will collect specimens by performing phlebotomy techniques. Routine hematology and chemistry tests will be performed on collected blood specimens. 2 credit hours.

MA 260 LABORATORY PROCEDURES II continuation of Medical Laboratory I. Students will learn the importance of quality control, and instructing patients in proper collection techniques. Male and female reproductive health is covered. Routine laboratory testing in the areas of urinalysis, microbiology, and serology is performed on collected specimens. 2 credit hours.

MA 270 CLINICAL PROCEDURES I presents information about asepsis and infection control, diagnostic testing, and patient care. Includes information on the medical record, OSHA, Bloodborne Pathogens Standard, and vital signs. Students will perform infection control, diagnostic testing, and patient care procedures. 2 credit hours.

MA 280 CLINICAL PROCEDURES II continuation of Clinical Procedures I. Includes electrocardiography, radiology, specialty examinations, physical agents to promote tissue healing, IV techniques, and emergency procedures. 2 credit hours.

MA 300 MEDICAL ASSISTANT EXTERNSHIP

MUSIC

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 credit hours.

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 credit hours.

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 hour.

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 hour.

MUS 182 CONCORDIA CHORALE is a mixed voice ensemble of up to 55 voices which sings in several major on-campus settings and for weekly chapel services. Open to all students, faculty, and staff. Membership is by audition only. 1 credit hour.

MUS 184 KAMMERCHOR is a highly select mixed voice ensemble which performs at a variety of campus and off-campus activities and takes an annual tour. Preference is given to sophomores through seniors, or to those who demonstrate solid choral background. Ordinarily participation is expected for the entire academic year. Membership is by audition only. 1 credit hour.

MUS 185 THE ALLELUIA RINGERS is a select handbell choir of 11-12 ringers, which performs in worship and concert both on and off campus. Membership is by audition only, preferably for the entire academic year. 1 credit hour.

MUS 187 FALCON PEP BAND is a small ensemble playing a repertoire of high-energy, high-volume popular music performed at designated home football and basketball games. 1 credit hour.

MUS 188 JAZZ ENSEMBLE studies and performs the repertoire of the various jazz idioms including swing, be-bop, blues, big-band and contemporary fusion. The ensemble seeks to provide a comprehensive study of the performance repertoire for both the players and its audiences. 1 credit hour.

MUS 190 STRING ENSEMBLE/CHAMBER ORCHESTRA a dual format ensemble which covers the historical span of string repertoire from Baroque to 20th Century. Fall semester concentrates on string orchestra while spring semester adds requisite wind, brass and percussion. 1 credit hour.

MUS 240 MUSIC THEORY I enables students to explore musical concepts through analysis, sight-singing and aural training, and part-writing. Harmonic studies include primary chords in root positions and cadential preparations. No prerequisite. 3 credit hours.

MUS 241 MUSIC THEORY II is a continuation of Music Theory I with special emphasis on primary chords in inversion, seventh chords, secondary dominants and chromatic materials. Prerequisite: MUS 240 or consent of instructor. 3 credit hours.

MUS 242 MUSIC THEORY III continues Music Theory II with special emphasis on secondary functions, modulation, altered chords, and chromatic harmony. Music Theory III also involves work with the music department's Macintosh computer lab. Prerequisite: MUS 241 or consent of instructor. 3 credit hours.

MUS 243 MUSIC THEORY IV is a continuation of Music Theory III with special emphasis on extended harmonies, formal analysis, and Twentieth-century techniques. Also involves work with music department Macintosh computer lab. Prerequisite: MUS 242. 3 credit hours.

MUS 250 BEGINNING CONDUCTING studies the fundamental and working knowledge of rudimentary conducting principles including baton techniques, beat

MUS 445 COMPOSING AND ARRANGING explores the role of the church musician as composer and arranger. Assignments related to the specific needs of the parish: orchestration, hymn reharmonizations, arranging hymnody and composition of original material. Prerequisite: MUS 242 or consent of instructor. 3 credit hours.

MUS 461 MUSIC IN WORSHIP explores the principles and practice of liturgical music, especially as it finds current expression in Lutheran worship. The study includes historical background but stresses practical contemporary issues. 3 credit hours.

MUS 465 SURVEY OF CHRISTIAN HYMNODY examines the lyrics and tunes of hymns, the writers of hymns, and the cultural influences on hymn writing from the early Christian church through the present. Particular emphasis is placed on the literary and musical qualities characteristic of this important genre. 3 credit hours.

MUS 485 HANDBELL METHODS AND MATERIALS provides basic techniques of handbell ringing; experience in performing handbell music, and planning and organizing a handbell choir. 3 credit hours.

MUS 491 PARISH MUSIC PRACTICUM allows the student to gain first-hand experience in parish musical work. This course is a requirement for the Director of Parish Music major. Prerequisite: successful passing of keyboard proficiency exam. 1 or more credit hours.

MUS 499 RECITAL provides a culminating experience in applied music. This course is taken in place of the student's applied music courses in the semester during which the recital is given. Prerequisite: Departmental approval. 1 or 2 credit hours.

APPLIED MUSIC

Private study is offered in voice, piano, organ and most wind and string instruments. All instruction is obtained through a "permit to register" card from the D

NURS 321 PEDIATRIC PRACTICUM provides guided clinical experience with childbearing and childrearing families in a variety of settings and agencies. Taken concurrently with NURS 320. 1 credit hour.

NURS 322 OB: NEONATES AND FAMILIES pediatrics provides guided clinical experience with childrearing families in a variety of settings and agencies. Taken concurrently with NURS 323. 1 credit hour.

NURS 323 NURSING OF DEVELOPING FAMILIES (OB) introduces students to the stressors encountered and nursing preventions required to retain, attain, and maintain system stability with childbearing families. Senior standing taken concurrently with NURS 322. Prerequisites: NURS 302 and 312. 2.5 credit hours.

***NURS 331 HISTORY OF NURSING** is a course which introduces students to the concept that nursing today was formed by its history. Students will explore the development of the nursing profession, the impact of social and scientific changes on nursing, and nursing's impact on society. 3 credit hours.

NURS 335 NURSING RESEARCH (also B.S.N. Completion Program) introduces students to basic research principles and application of these principles to nursing practice. Prerequisites: Junior standing and concurrent enrollment in nursing practicum. 3 credit hours.

NURS 340 COMMUNITY WELLNESS studies nursing responsibilities in assisting individuals, families, and groups to meet stressors and retain, attain, and maintain system stability within the community setting. 4 credit hours. Taken concurrently with NURS 341.

NURS 341 COMMUNITY WELLNESS PRACTICUM provides the student with an opportunity to integrate previous knowledge with community health nursing and to apply this within a nursing process framework to individuals and aggregates in various community site settings. Taken concurrently with N340, N402, and N412. 1 credit hour.

***NURS 342 COMMUNITY WELLNESS FOR RN'S** is an in-depth study of nursing responsibilities in assisting individuals, families and groups to meet stressors and retain, attain and maintain system stability with a community setting. Advanced clinical practice with clients in the community in a variety of settings and agencies is provided. 6 credit hours.

***NURS 360 CULTURAL DIVERSITY IN NURSING** introduces the student to health care among differing cultural groups. Prerequisites: Junior or Senior standing. 3 credit hours.

NURS 363 THERAPEUTIC COMMUNICATION introduces the student to health care among differing cultural groups. Prerequisites: Junior or Senior standing. 3 credit hours.

PHIL 250 MORAL PHILOSOPHY is a course of study which examines the central ethical systems of philosophy in dialogue with Christian presuppositions and with a Lutheran understanding of Law and Gospel. Participants will study classical sources of the ethical grammar in the western tradition from Plato and Aristotle to Augustine and on to Kant, from the Utilitarians to Rawls. The Christological ethic of Dietrich Bonhoeffer is examined in some detail. Analytical methods of philosophical inquiry are explained and applied. Case studies provide rhetorical occasions for in-depth discussions of medical ethics, natural law, religion and morality, sexual morality, and more. 3 credit hours.

PHIL 309 HISTORY AND PHILOSOPHY OF SCIENCE is a historical and philosophical study of the growth of scientific knowledge. Issues addressed include the reliability of induction, falsification, paradigm changes and objectivity, theoretical versus observational distinction. Prerequisite: PHIL 201 or consent of instructor. 3 credit hours.

PHIL 311 THE CHRISTIAN MIND explores the distinction between Christian and secular thinking about the world and prepares the student to be effective in Christian critical thinker. The historical, psychological and philosophical explanations of increasing secularization are explored and effective strategies for restoring the Christian mind are pursued. Prerequisite: PHIL 201 or consent of instructor. 3 credit hours.

PHIL 325 CHRISTIAN APOLOGETICS examines the historical, scientific and philosophical case for Christianity.

RT 356 CLINICAL I This unit is the clinical application of the didactic information. Principles from all areas of the curriculum will be put into practical use as the student develops the skills required to be a diagnostic radiologic technologist. 3 credit hours.

RT 341 RADIOGRAPHIC PROCEDURES II Continuation of the integrated course on the anatomy and positioning required to perform quality diagnostic radiographs. This section will cover the upper and lower extremities, the shoulder and pelvic girdles, and the vertebral column. 2.5 credit hours.

RT 312 MEDICAL TERMINOLOGY Course will provide the student with an introduction to the origins of medical terminology. A word building system will be introduced, and abbreviations and symbols will be discussed. The course will include understanding radiographic orders and diagnostic x-ray reports, specialty terminology will be introduced. 1.5 credit hours.

RT 350 ANATOMY AND PHYSIOLOGY II This unit deals with anatomy, physiology and diseases of the human body. The second semester will cover: the skeletal system, integumentary system, muscular system, and circulatory system. 2 credit hours.

RT 379 CONTRAST PROCEDURES Course designed to cover the anatomy and positioning of the GI and urinary tract examinations involving the instillation of contrast agents. Fluoroscopy and patient care aspects will be included. 2 credit hours.

RT 380 MEDICAL IMAGING I Course designed to provide the student with knowledge of the factors that govern and influence the production of the radiographic information on radiographic film. Unit includes laboratory assignments to demonstrate clinical application of concepts. 2.5 credits.

RT 406 RADIOLOGIC PHYSICS I Course covers basic physics. Information will include structure of matter, and the nature of radiation. 2 credits.

RT 357 CLINICAL II This unit is the clinical application of the didactic information. Principles from all areas of the curriculum will be put into practical use as the student develops the skills required to be a diagnostic radiologic technologist. 3 credit hours.

RT 342 RADIOGRAPHIC PROCEDURES III Continuation of the integrated course on the anatomy and positioning required to perform quality diagnostic radiographs. This section will cover the skull and special procedures. 2.5 credit hours.

RT 353 ANATOMY AND PHYSIOLOGY III This unit deals with anatomy, physiology, and diseases of the human body. The third semester will cover: the digestive system, urinary system, reproductive system, human genetics and microbiology. 2 credit hours.

RT 407 RADIOLOGI. This section II

- RT 317 **RADIOGRAPHIC PROCEDURES I** covers radiographic procedures for the upper and lower extremities, digestive system and urinary system. 4 credit hours
- RT 319 **RADIOGRAPHIC PROCEDURES II** covers radiographic procedures of the cranium, facial bones, vertebral column, mammography and reproductive systems. 4 credit hours
- RT 321 **RADIOGRAPHIC PROCEDURES III** covers radiographic procedures for special orthopedic and introductions to CT, MRI and angiography (CIT). 4 credit hours
- RT 323 **RADIOGRAPHIC EXPOSURE I** instruction areas include mathematics, x-ray production, exposure factors, the control panel, beam restriction, filters, radiographic quality, radiographic film, film holders, intensifying screens and grids. 3 credit hours.
- RT 325 **RADIOGRAPHIC EXPOSURE II** study will include radiographic processing, radiographic quality, tube rating charts, contrast media, special imaging equipment and quality assurance. 3 credit hours.
- RT 326 **MEDICAL IMAGING** instructional areas will include an introduction into cross sectional anatomy, digital imaging, angiography, computerized tomography and magnetic resonance imaging.
- RT 327 **RADIOGRAPHIC PATHOLOGY** will include a discussion of pathology and their various areas and their appearance on radiographs will be discussed. 3 credit hours.
- RT 329 **RADIOGRAPHY CLINICAL I** involves the assessment of students' positioning skills, equipment manipulation, use of radiation protection, patient care and knowledge of quality image evaluation. The final grade is based on a required number of competencies, technologist evaluations and clinical instructor evaluation. 6 credit hours.
- RT 331 **RADIOGRAPHY CLINICAL II** involves the assessment of students' positioning skills, equipment manipulation, use of radiation protection, patient care and knowledge of quality image evaluation. The final grade is based on a required number of competencies, technologist evaluations and clinical instructor evaluation. 6 credit hours.
- RT 333 **RADIOGRAPHY CLINICAL III** involves the assessment of students' positioning skills, equipment manipulation, use of radiation protection, patient care and knowledge of quality image evaluation. The final grade is based on a required number of competencies, technologist evaluations and clinical instructor evaluation. 5 credit hours.
- RT 335 **RADIOGRAPHY CLINICAL IV** involves the assessment of students' positioning skills, equipment manipulation, use of radiation protection, patient care and knowledge of quality image evaluation. The final grade is based on a required number of competencies, technologist evaluations and clinical instructor evaluation. 8 credit hours.
- RT 337 **RADIOGRAPHY CLINICAL V** involves the assessment of students' positioning skills, equipment manipulation, use of radiation protection, patient care

RT 468 SPECIAL IMAGING MODALITIES The fundamental principles of fluoroscopy, tomography, mammography, xeroradiography, and phototiming devices are studied through lecture and demonstration. .5 credit hours.

RT 469 QUALITY ASSURANCE This class outlines a systematic approach to quality assurance. Steps necessary to develop a QA program are outlined. Repeat demonstrations are provided. .5 credit hours.

RT 376 INTRODUCTION TO COMPUTERS

SCIENCE

SCI 100 INTRODUCTION TO NATURAL SCIENCE studies selected topics from the natural sciences with emphasis on practical implications of an understanding of those topics. In addition, controversial issues regarding the impact of science on society are also examined. 4 credit hours.

SCI 135 EARTH SCIENCE studies the earth and its resources. Includes the study of the earth's history, geology, and the environment. 4 credit hours.

SPANISH

SPAN 101 BEGINNING SPANISH

ALT, C 1.179 0 1.02 1.179 0 0.964

LUPTAK, ANDREW J.

Professor of Education
 Vice President of Student Life
 Director, Master of Science in Student
 Personnel Program

B.S., Concordia University Seward; M.S.,
 Ph.D., University of Wisconsin-Milwaukee.
 At Concordia since 1966.

MAKSTENIEKS, SANTA

Associate Professor of Science
 M.D., University of Tartu, Estonia.
 At Concordia since 1996.

MASCHKE, TIMOTHY H.

Rouse Professor of Pre-Seminary Studies
 B.A., Concordia Senior College, Fort Wayne;
 M.Div., S.T.M., Concordia Seminary,
 St. Louis; D.Min., Trinity Evangelical Divinity
 School, Deerfield, Illinois; Ph.D., Marquette
 University. At Concordia since 1982.

MCDONALD, ANN H.

Associate Professor of Science
 B.S., Marquette University; Ph.D., Wayne
 State University. At Concordia since 2000.

McKINNIS, MICHAEL

Instructor of Occupational Therapy
 B.S., Auburn University;
 M.O.T., Concordia University Wisconsin.
 At Concordia since 2007.

MENCHACA, LOUIS A.

Professor of Music
 B.A., St. Mary's University of Texas; M.A.,
 Ph.D., Ohio State University.
 At Concordia since 1992.

MENUGE, ANGUS J.

Professor of Philosophy and Computer Science
 B.A., University of Warwick, England;
 M.A., Ph.D., University of Wisconsin-
 Madison. At Concordia since 1991.

MOBLEY, SUSAN

Associate Professor of History
 B.A., University of Oklahoma; M.A., Ph.D.,
 University of Wisconsin-Madison.
 At Concordia since 1998.

MOBLEY, VAN

Assistant Professor of History & Economics
 B.A., Vanderbilt University; M.A., Ph.D.,
 University of Wisconsin-Madison. At
 Concordia since 2001.

MOLLINGER-RIEMANN, LOUISE

Assistant Professor of Physical Therapy
 B.S., Marquette University, Milwaukee;
 M.S., Medical College of Wisconsin.
 At Concordia since 1996.

MONTREAL, STEVEN

Associate Professor of Criminal Justice

. At

Since /T1_1 1 Tf7.5 0 0 7.5 200.1736 229.67282 132MCo(1996)]TJ/Spa5<ActualTextFEFF002E>BDC (.)TjEMC /T1_0 1 Tf8.5 0 0 8.5 63 198.0939 Tm08.825/Spans

B.A..

NOTES