



This publication is designed to answer most of the questions which might be asked about Augsburg College and its curriculum. Although information was current at the time of publication, it is subject to change without notice.

It is the responsibility of each student to know the requirements, and academic policies contained in this publication. If questions arise concerning any matter published herein, the student should consult with a faculty adviser, the Dean of the College, or the Registrar.

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Glossary of Terms

This Augsburg College catalog is designed to give you the information you need to know as a student or prospective student. In it you will find most of the answers to questions you may have about Augsburg. If you have others, please feel free to write or phone the Office of Admissions at the College.

Certain terms used in this catalog may be unfamiliar to you. We hope the following brief definitions will be helpful.

- ACADEMICThe practices, principles, regulations, and customs which characterize school and college.
- COURSEA subject studied during one semester or an interim such as "Community Development and Organization." In general, four courses are taken each semester at Augsburg and one during the interim in January. Thirty-five courses are required for graduation.
- MAJORA concentration of study in one area. Augsburg offers majors in 20 departments.
- MINORA concentration in a field or study in less depth than the major.
- ELECTIVEA course not required for the major or minor but taken by the student from any college department as his or her interests dictate.
- FEECharges made by the College for special services such as laboratory equipment or locker rental.
- LOANMoney a student borrows for college expenses and later repays. See "Financial Aid."
- SCHOLARSHIPFinancial assistance received by a student based on high school performance in and out of the classroom, college standing, or the result of special tests such as the SAT or ACT. Scholarships vary in amounts and length of duration. The amount generally depends upon the financial need of the student. There is no obligation to repay. The same criteria are used for Grants-In-Aid.
- SEMESTERThe College operates on a 4-1-4 calendar. Each semester is 15 weeks in length and the interim is 4 weeks.
- PREREQUISITEA course which a student is required to complete before another one may be taken. The prerequisite course may be either in the same or another department.

Introduction

Few liberal arts colleges combine the excitement and vitality of a metropolitan center with the smallness and intimacy of the rural setting. Augsburg is one of the few, very special Christian colleges which can offer you both.

The small college atmosphere enables you to be a participant or a spectator at a variety of events and activities. Exhibitions, concerts, films, and lectures are regularly available to you on campus, as are intercollegiate or intramural athletic programs.

Religious activities are a vital part of the campus. The Religious Life Commission has been established by the Student Government to oversee, stimulate and perpetuate religious life on the Augsburg campus. Its primary purpose and goal is neither self-serving nor self-sustaining, but rather furthering the ministry of Christ on the Augsburg campus.

You, the student, are an individual at Augsburg. You design your own learning experience. While distributional and major requirements act as guidelines, there is latitude to design a portion of your own education.

At Augsburg, the innovative and experimental as well as the individual are central. The college follows the calendar known as the "4-1-4."

In the study of the liberal arts, you will encounter ideas and experiences from the whole range of human knowledge. The liberal arts education, however, is more than an education of knowledge from a number of fields. Augsburg recognizes that concentration is necessary in your chosen field. You may choose from a variety of majors for hundreds of career possibilities.

Augsburg is in the center of the Twin Cities of Minneapolis and St. Paul. In this metropolitan setting, a rich kaleidoscope of resources and activities is available to enrich your education, if you choose. You may select an evening at the Guthrie Theater, the Brave New Workshop, or at any of the many galleries or coffee houses. You might spend an afternoon touring the Minneapolis Institute of Arts. You may choose a concert by the Minnesota Orchestra or one by the many professional touring groups that appear in the Twin Cities. There are numerous opportunities for individual and team sports. Professional sports are also available — the Twins, the Vikings, the North Stars, and the Kicks.

Thus, we feel Augsburg is a distinctive combination: a strong academic program, a capable and dedicated staff, an eager student body and a remarkable location.

The College

Identification

Augsburg is a four-year liberal arts college affiliated with the American Lutheran Church (ALC). Founded more than 100 years ago, Augsburg celebrated its centennial in 1969 and is in its second century of Christian higher education.

The current study body of about 1600 is largely of Lutheran background though many denominations are represented on campus. About 65% are resident students, while others commute daily from the surrounding metropolitan area.

Location

You and your education will have the option of benefiting from Augsburg's location in the Twin Cities. Excellent art collections are available to you in the Minneapolis Institute of Arts, the Walker Art Center, and many other galleries.

The Minnesota Orchestra and other area performing organizations afford rich opportunities for the enjoyment of music of many types. The Twin Cities also appear regularly on the itineraries of major performing artists.

A variety of dramatic and musical presentations is provided by several theaters in the area such as the nationally known Guthrie Theater, Theater in the Round, the Old Log Theater, the St. Paul Opera, Chimera Theater and the Chanhassen Dinner Theater.

Recreational activities abound. You can play tennis at parks near the campus or swim in one of the many area lakes. In the winter you may join other students on skiing trips. Professional sports are available the year around.

Reaching the Twin Cities is easy. Several major airlines provide daily service to Minneapolis-St. Paul International Airport, including United, Northwest Orient, Eastern, Braniff, Republic, Ozark and Allegheny. Bus or train connections can be made from all areas of the United States.

The Augsburg campus is just five minutes east of downtown Minneapolis via Interstate 94 which forms the southern border of the campus. (Directions are given in the map section of this catalog.)

History

Augsburg was the first seminary founded by Norwegian Lutherans in America. Minneapolis replaced Marshall, Wisconsin, as Augsburg's home in 1872. The first college students were enrolled in 1874 and the first college graduation was held in 1879.

The school was officially named Augsburg College in 1963 when its former sponsor, the Lutheran Free Church, merged with the American Lutheran Church. Augsburg Seminary joined with Luther Theological Seminary in St. Paul that same year.

Nature and Objectives

Augsburg is a four-year liberal arts college of the American Lutheran Church. It is committed to an open, honest, competent inquiry into the sciences, arts, and humanities in the context of the Christian faith.

Augsburg emphasizes the following primary objectives:

To expose students to a wide variety of ideas and disciplines, while assisting

them to become proficient in one area or major.

to help students understand the Christian faith in relation to the contemporary world.

to develop students' love of learning and their faculties of reason, criticism, curiosity and imagination by encouraging and maintaining academic excellence.

to increase students' understanding of the urban environment and culture, and to enable them to gain the skills needed to respond creatively to the problems and potentialities of the modern city.

to encourage students to ascertain their interests and abilities, and to aid them in discovering the occupational opportunities which exist for them.

to assist students in their intellectual, emotional, and spiritual growth; to encourage them to develop attitudes and qualities of character compatible with the Christian faith.

Policies

It is the policy of Augsburg College not to discriminate on the basis of race, creed, national or ethnic origins, age, marital status, sex or handicap as required by Title IX of the 1972 Educational Amendments or Section 504 of the Rehabilitation Act of 1973 as amended in its admissions policies, educational programs, activities and employment practices. Inquiries regarding compliance with Title IX may be directed to Bonnie-Jean Mork, Memorial Hall (330-1023), or Marianne Sander, Memorial Hall (330-1160), or to the Director of the Office for Civil Rights,

Department of Health, Education and Welfare, Washington, D.C.

The College and its faculty subscribe to the Statement of Principles on Academic Freedom as promulgated by the American Association of University Professors and the Association of American Colleges.

The Campus

Augsburg's campus is located in the heart of Minneapolis surrounding Murphy Square, the first of 155 parks in the "City of Lakes." The College currently has 16 major buildings with a number of cottage housing units that are very popular with the students. The University of Minnesota and two of the city's largest hospitals, Fairview and St. Mary's, are adjacent to the campus.

Accreditation

Augsburg has achieved full accreditation in the following associations that set standards by which excellence is judged:

North Central Association of Colleges and Secondary Schools

The National Council for the Accreditation of Teacher Education (Secondary and Elementary)

The American Chemical Society

Visiting the Campus

The purpose of the campus visit is to permit students to learn, first-hand, about the College program, facilities, and admissions requirements. A personal interview affords candidates, parents, and the admissions counselor the opportunity to exchange information vital in the process of selecting a college and in making admissions decisions. A campus

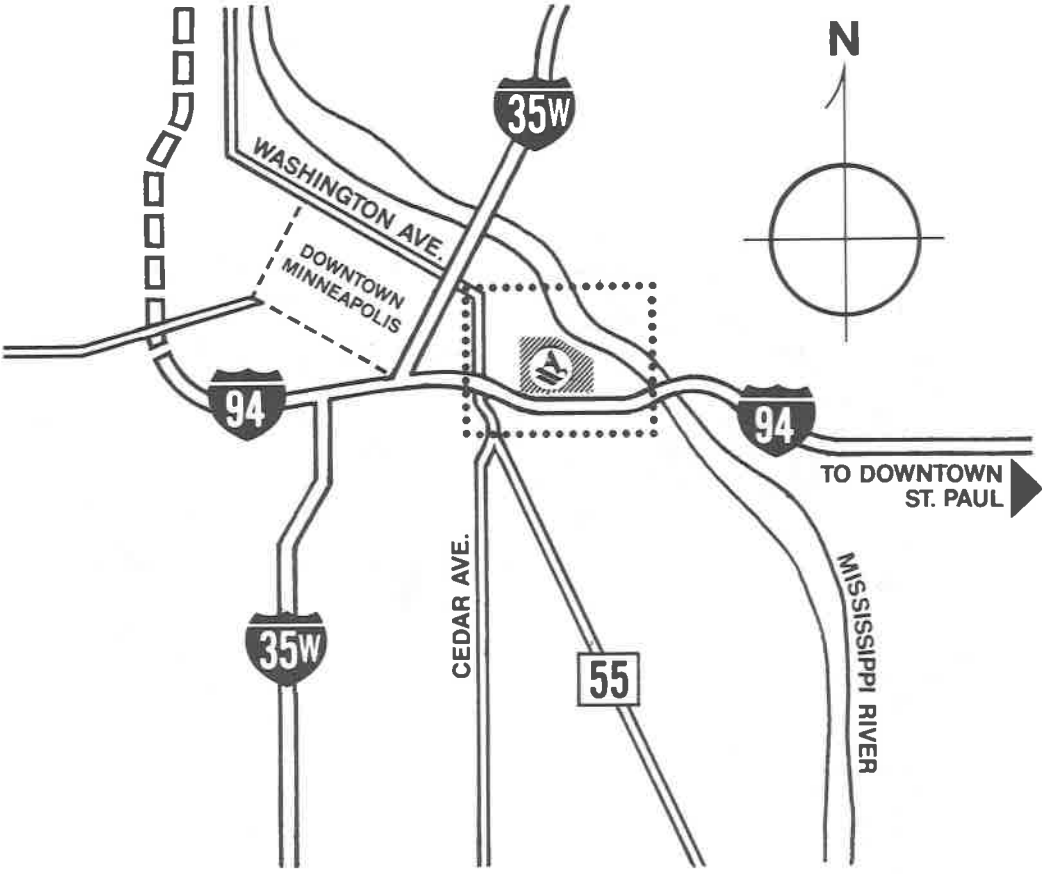
tour and an interview with an admissions officer are strongly recommended but are not mandatory.

Students who wish to arrange for a tour and an interview are asked to write for an appointment or call the admissions office (330-1001). Preferred times for campus visits are 9 a.m. — 4 p.m. weekdays. Arrangements also may be made to meet

with a member of the faculty and to attend classes, Monday through Friday, when school is in session.

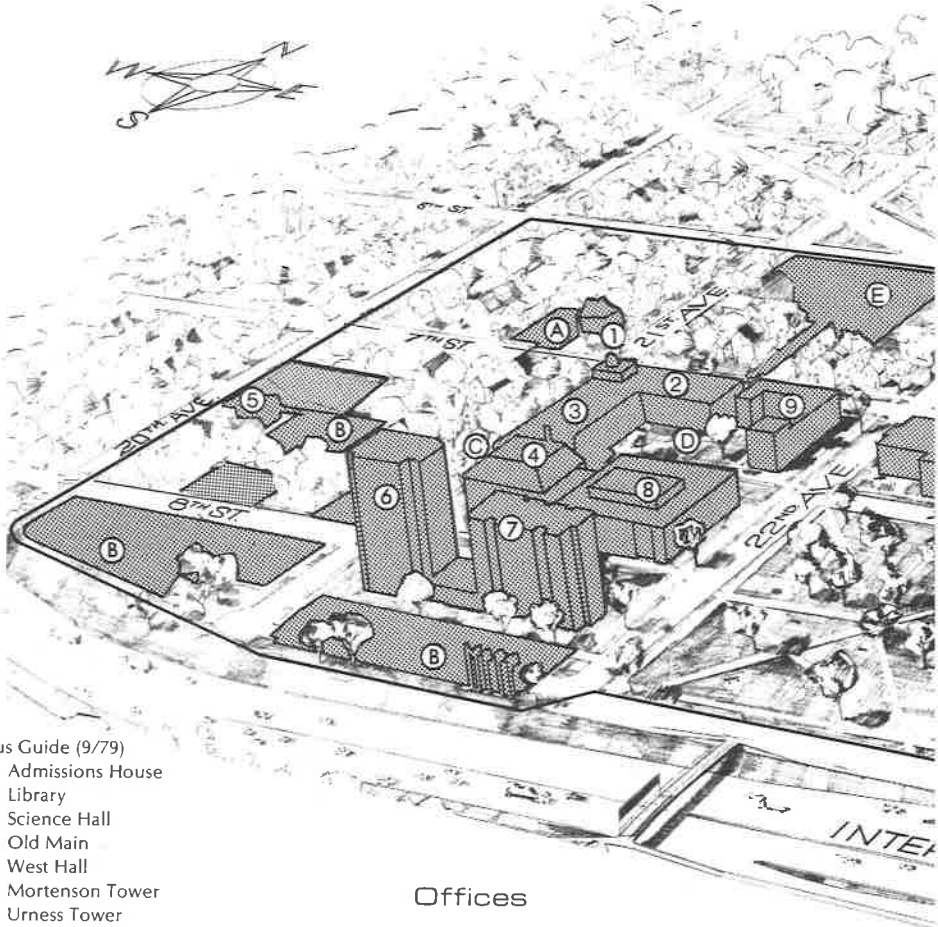
School, church, and other groups are welcome to visit the College. Arrangements may be made by writing the Office of Admissions, Augsburg College, Minneapolis, Minnesota, 55454.





DRIVING TO THE CAMPUS. Augsburg is easily reached by Interstate 94. If you are coming east from Minneapolis, take the 25th Avenue exit, turn left to Riverside Avenue, and left again to 21st Avenue South. (You'll see the Augsburg sign.)

If you are coming west from St. Paul, take the Riverside Avenue exit (right after you cross the Mississippi River) and then turn right onto Riverside. Watch for the Augsburg sign and turn left at 21st Avenue South.

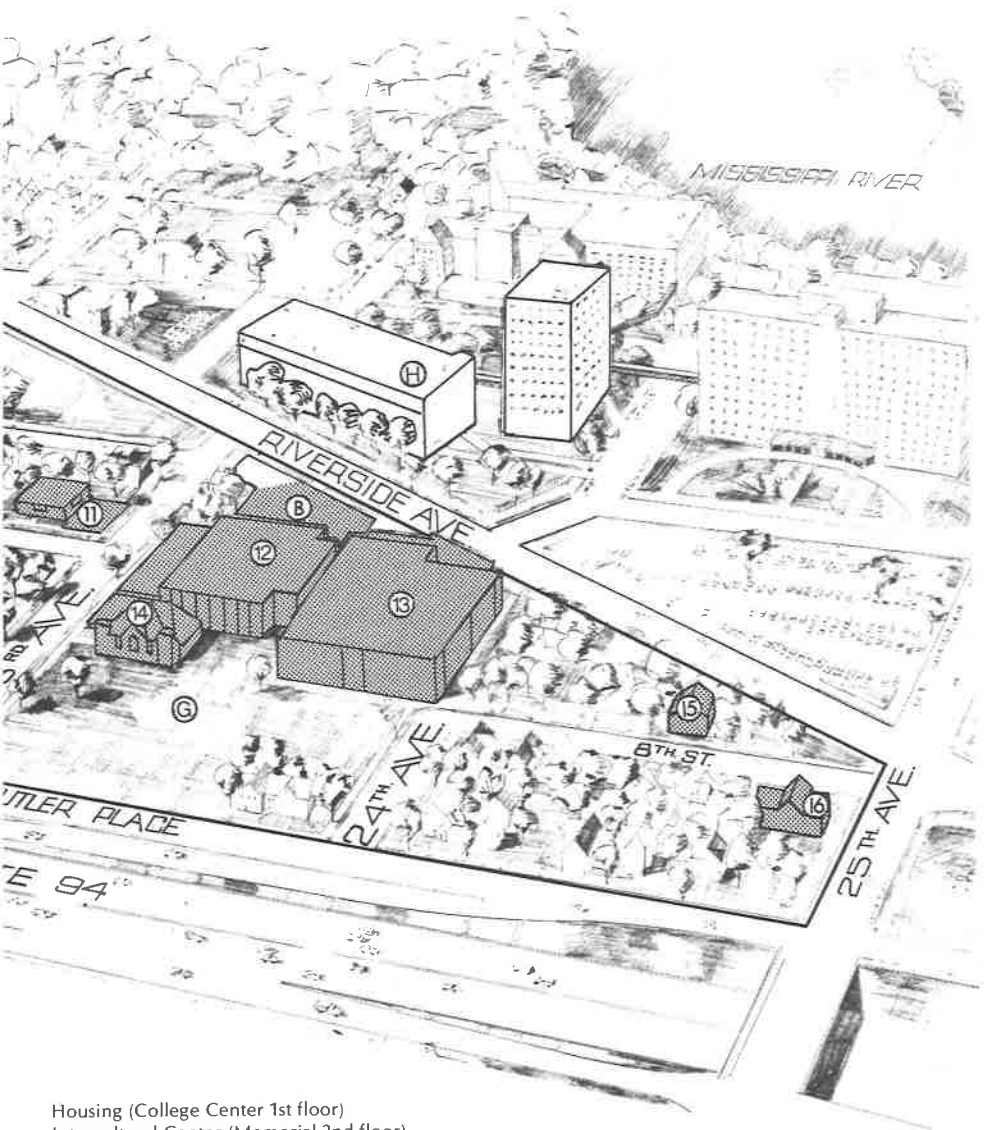


Campus Guide (9/79)

1. Admissions House
2. Library
3. Science Hall
4. Old Main
5. West Hall
6. Mortenson Tower
7. Urness Tower
8. College Center
9. Memorial Hall
10. Music Hall
11. Studio Building
12. Melby Hall
13. Ice Arena
14. Old Music Hall
15. Little Theater
16. East Hall
- A. Admissions Parking
- B. Student Parking
- C. Main Entrance-Tunnel/Ramp/Skyway
- D. Quadrangle
- E. Faculty-Staff Parking
- F. Murphy Square
- G. Practice Field
- H. Fairview-St. Mary's Parking Ramp

Offices

- Admissions (628 21st Ave. S.)
- Alumni/Parent Programs (Memorial 2nd floor)
- American Indian Programs Counselor (Memorial 2nd floor)
- Arts Coordinator (Music Hall 2nd floor)
- Audio-Visual (Memorial ground floor)
- Augsburgian (College Center ground floor)
- Black Student Affairs Counselor (Memorial 2nd floor)
- Bookstore (College Center 1st floor)
- Business Affairs (Memorial 2nd floor)
- College Pastor (College Center 1st floor)
- Career Planning and Placement (Memorial 1st floor)
- C.H.R. (Memorial ground floor)
- Continuing Education (Memorial 2nd floor)
- Data Processing (Science 32)
- Dean of the College (Memorial 2nd floor)
- Development Office (Memorial 2nd floor)
- ECHO (College Center ground floor)
- Financial Services (Science 156)
- Foreign Student Counselor (Memorial 2nd floor)



Housing (College Center 1st floor)
 Intercultural Center (Memorial 2nd floor)
 Interim Director (Memorial 2nd floor)
 Internship Office (Memorial 2nd floor)
 Little Theater (Speech Building)
 News Bureau (Memorial 2nd floor)
 Personnel Office (Memorial 2nd floor)
 Plant Services (Science 156)
 President's Office (Memorial 1st floor)
 Printing and Mailing (Science 9)
 Public Relations (Memorial 2nd floor)
 Publications (Memorial 2nd floor)

Residence Programs (College Center 1st floor)
 Registrar (Science 114)
 S.O.S. (College Center Office)
 Special Programs (Memorial 2nd floor)
 Student Government (College Center Office)
 Student Programs (College Center Office)
 Study Abroad (Memorial 2nd floor)
 Summer School Office (Memorial 2nd floor)
 Treasurer's Office (Science 147)

The Physical Plant

Instruction facilities and student housing at Augsburg are conveniently located in relation to each other.

Remodelling and construction work to eliminate architectural barriers is expected to be completed during 1980. This will include street level access from 21st Avenue South to a tunnel/ramp/skyway system that connects the tower dormitories and the five buildings on the Quadrangle.

Remodelling of academic and administrative space will result in relocations of some departments and offices by 1980-81.

Following are descriptions of buildings.

The Admissions House, located at 628-21st Avenue South, provides offices for the admissions staff and a reception area for prospective students and their parents.

The George Sverdrup Library, named in honor of Augsburg's fourth president, was erected and dedicated in 1955. Adjacent to Science Hall and of similar contemporary architectural design, it provides excellent resources for research and study. It contains reading rooms, seminars, work rooms, a visual-education center, the Augsburg Archives, classrooms, and a number of faculty offices.

Science Hall, erected in 1948-49, includes general administration offices; the Computer Center; well-equipped laboratories for chemistry, physics, and biology; a medium-sized auditorium; and several classrooms and faculty offices. The Lisa Odland Observatory on the roof of Science Hall was completed in the summer of 1960.

Old Main, erected in 1900, contains a large number of classrooms and offices.

West Hall is an apartment building purchased in 1966 shortly after it was constructed. It provides excellent housing for married students.

Mortensen Tower, erected in 1973, named in honor of Miss Gerda Mortensen, dean of women at Augsburg from 1923 to 1964, contains 104 one and two-bedroom apartments providing housing for 312 upperclass students. A spacious lounge area as well as conference rooms are located in this building.

Urness Tower, completed in 1967, is an eleven-story building providing living quarters for 324 students. The building was named in honor of Mr. and Mrs. Andrew Urness who have given several generous gifts to the college. A unique feature of the building is that each floor is considered a "house unit" providing the 36 residents, housed two to a room, with their own lounge, study and utility areas.

The Augsburg College Center, completed in 1967, is a center of non-academic activity on campus. The building houses the Commons, which is the main dining area, plus private dining rooms and a coffee shop. Student government and student publications have quarters in this building. The bookstore is also located here. Spacious lounges and recreational areas are provided in this three-story building containing 55,000 square feet of space.

Sverdrup-Ofstedal Memorial Hall, erected in 1938, was named in honor of Augsburg's second and third presidents. The building provides space for administrative and faculty offices and houses about 40 students.

The Music Hall, erected in 1978, is the newest building on the campus. It con-

tains classroom facilities, two rehearsal halls, a music library, practice studios, offices for the music faculty and a 217-seat recital hall.

The Art Studio Building, dedicated in 1964, houses the Department of Art on its two floors.

Melby Hall, the auditorium-gymnasium, was completed in 1961. This building, named in honor of Professor J.S. Melby, dean of men from 1920 to 1942, basketball coach and head of the Christianity department, provides excellent facilities for the health and physical education program, intercollegiate athletics, chapel services, and general auditorium purposes.

The Ice Arena, built in 1974, provides two large skating areas for Augsburg and the metropolitan community. It is used for hockey, recreational skating, and figure skating.

The Speech and Drama Building was acquired in 1959 and remodeled for dramatic and other speech activities. A theater wing addition to Melby Hall, replacing the old music hall, is proposed for completion late in 1980.

Annex Houses, located in the campus area, provide accommodations for students, faculty, and staff members.

Academic Life

Augsburg is a modern well-equipped college which aims to provide its students with a broad liberal arts education as well as prepare them for a career. A strong academic program in the arts and sciences and in theology is available. Pre-professional preparation for such fields as engineering, medicine, law and the Christian ministry is offered. The College prepares students for graduate study in several disciplines. Preparation for careers in business, communications, medical technology, music, nursing, occupational therapy, social work, and teaching is available.

Augsburg seeks to assist its students through their academic experience to better understand themselves and the world and to equip them to serve according to their individual interests and abilities.

The Student as Learner

A great deal has been written during the last few years describing the responsibilities of a college to its students. Augsburg recognizes its task to provide consistently high quality opportunities for learning along with support systems which enhance the teaching-learning process.

Learning is not, however, a commodity which can be purchased. It is not equal to simply buying so many courses and being exposed to the activities of professors. Learning involves the solitary inner struggle of the student who investigates, analyzes and synthesizes the materials and insights offered. When these have become one's own and when the learner moves on to new personal insights, then learning has taken place.

Both the school and the student have responsibilities in this process. Neither party can elude its basic task.

Faculty

Augsburg has an able faculty who try to take a personal interest in their students. The student-faculty ratio is approximately 15.5 to 1, with class size averaging 25 or less.

Augsburg faculty members serve as academic advisers and are available for help on individual problems. They often join students in discussing the political climate, comparing notes on a visiting speaker, or talking over the latest sports victory while having coffee.

Library Services

Augsburg has a well-equipped library.

A relaxed atmosphere, a helpful staff and friendly student library assistants make the library a favorite place to study. The main library, centrally located next to the Science Hall, houses over 160,000 volumes including books, periodicals, records and various other media. The Music and Chemistry libraries are located within the departmental areas.

Access to over a million volumes is available via daily interloan and courier service among the seven private liberal arts colleges and the Hill Reference Library. Through Minitex, the statewide network, the additional resources of Minnesota and Wisconsin libraries are accessible to the Augsburg faculty and students.

A service-dedicated staff provides students with assistance to meet diverse information needs including instruction in the use of the library, standard reference service, guidance in pursuing term paper topics, and directions to other local sources of information.

The AV Center of the Library provides facilities for classes in broadcasting and audio-visual materials. Assistance with the production of slides, transparencies, filmstrips and audio/video tape recordings are available for both faculty and students. Equipment such as movie and slide projectors and tape recorders may be borrowed for limited periods; film bibliographies and other advice on materials selection are also available.

The 4-1-4 Calendar

Augsburg follows the 4-1-4 calendar. Two 15-week semesters are separated by a 4-week interim in January. During each semester the student generally enrolls in four courses; during the interim concentration is on one subject.

The interim period is an especially exciting time. The whole world becomes an arena of learning. Creative energies and individual interests determine the course of study. Innovation and experimentation are encouraged in this change from the general academic schedule. Interest in music may take form in the study and presentation of a concert program. Interest in people may find form in the study and participation in activities of a social agency. Newspapers and advertising agencies provide opportunities for those interested in communications. Whether your interests are sedate or spectacular the interim will afford the opportunity to experience and experiment while learning.

General Education Requirements

Distribution requirements for graduation are minimal, affording the student considerable freedom in the choice of courses. A student seeking a liberal arts

education would probably choose many of them even if they were not required.

In selecting courses to meet the general distribution requirements, students may select an approved course in the areas of mathematics or physics, chemistry or biology, psychology or sociology, economics or political science, history or philosophy, and English or speech, communication and theater arts. The study of a foreign language is required. Proficiency in English writing must be demonstrated. One course from an approved list of courses containing an emphasis on urban concerns is required as is proficiency in two lifetime sports.

For details on general education requirements, see the Academic Administration section.

Majors

Augsburg offers the following majors:

- American Studies
- Studio Art
- Biology
- Business Administration
- Chemistry
- Communications
- Economics
- Economics/Business Administration
- Elementary Education
- Engineering
- English
- French
- German
- Health Education
- History
- Mathematics
- Medical Technology
- Metro-Urban Studies
- Music
- Music Therapy
- Natural Science

Norwegian
Nursing
Philosophy
Physical Education
Physics
Political Science
Psychology
Religion
Scandinavian Area
Studies
Social Science (Special Emphasis in History, Behavioral Science, Non-Western Studies, International Relations)
Social Work
Sociology
Spanish
Speech
Theater Arts
Transdisciplinary

Majors in East Asian Studies and Russian Area Studies are available through cooperative programs with the Associated Colleges of the Twin Cities (ACTC).

Consult directors of these programs for further information. It is possible for students to complete other majors also through ACTC. Students who wish to complete a major offered at one of the other ACTC colleges must make application for such a major through the Office of the Registrar.

Pre-Professional Training

Students who plan to enter the fields of law, medicine, dentistry, the ministry, and engineering, can profit from a liberal arts education at Augsburg. It is suggested



that requirements for admission to graduate schools or seminaries be reviewed and then the course of study at Augsburg be planned accordingly. Augsburg offers a wide scope of courses in the natural and social sciences, in the humanities, and in religion and philosophy which will provide the necessary preparation for future professional study.

Pre-Dentistry at Augsburg

English, 2 courses; Biology 111, 112; Physics 121, 122; Chemistry 115, 116 (or 105, 106), 351, 352; Mathematics 124; General Psychology, 1 course.

Students are encouraged to consult with the faculty adviser early in the freshman year. Requirements have been designed to fulfill the minimum requirements of the School of Dentistry at the University of Minnesota. Requirements at other universities may vary.

Pre-Engineering at Augsburg

Augsburg offers a dual-degree program of liberal arts and engineering in cooperation with the Washington University School of Engineering and Applied Science and the Michigan Technological University. See under Engineering for information on the course requirements in this Three-Two Plan of studies.

Pre-Law at Augsburg

Students planning to pursue a career in law should consult the handbook published by The Association of American Law Schools. Early consultation with the pre-law adviser, Dr. Myles Stenshoel, is strongly suggested. Students may wish to take the political science course, Law in

the United States, to help determine whether they possess an interest in law. Since law schools encourage students to maintain a high grade point average, the pre-law student should be aware that many graduate schools consider the grade P/N given for a course as a "C". This information may help students in planning their class schedules.

Pre-Medicine at Augsburg

Biology 111, 112, 355; Chemistry 115, 116 (or 105, 106), 351, 352, 353; English 111, and one or more writing and literature courses; Mathematics 124, 125; Physics 121, 122; Biochemistry 367; sociology, behavioral sciences and humanities, 5 courses. General Psychology is recommended.

Students are encouraged to consult with the faculty adviser early in the freshman year.

Programs have been designed to fulfill the minimum requirements of the Medical School of the University of Minnesota. Requirements at other universities may vary.

Pre-Pharmacy at Augsburg

Biology 111, 112; Chemistry 115, 116, 351, 352; Economics 122, 123; English 111, and a second course; Health Ed. 110; Mathematics 124; Physics 121, 122. Electives to fulfill the 60 semester-hour requirements should be chosen from humanities, literature, and the arts. Please refer to the bulletins published by the College of Pharmacy of your choice.

Students are encouraged to consult with the faculty adviser early in the freshman year.

This two-year program has been designed to fulfill minimum requirements of the College of Pharmacy at the University of Minnesota. Requirements at other universities may vary.

Pre-Seminary at Augsburg

One may enter a theological seminary with any of several different majors, e.g., history, philosophy, English, psychology, sociology, religion. The student planning to enter seminary should include Religion 111, 221 among the courses selected. A pre-seminary curriculum should include at least two semesters of history (Western Civilization) and one or more courses in the history of philosophy. It should also include Greek in the junior and/or senior year.

Pre-Veterinary Medicine at Augsburg

English, 2 courses; Mathematics 124; Public Speaking, 1 course; Chemistry 115, 116 (or 105, 106), 351, 352, 353; Biology 111, 112; Physics 121, 122; Economics, 1 course; artistic expression, 2 courses (art, literature, music, humanities, theater, and upper division foreign languages); anthropology, economics, geography, history, political science, psychology, and sociology courses to fulfill the remainder of the distribution requirements.

Students are encouraged to consult with the faculty adviser early in the freshman year.

Programs have been designed to fulfill the minimum requirements of the College of Veterinary Medicine at the University of Minnesota. Requirements at other universities may vary.

Inter-Institutional Programs

Augsburg cooperates with other colleges and institutions in the Twin Cities area on several programs.

Library and Media Center. Through C.L.I.C., the Twin Cities private colleges library consortium, and Minitex, the statewide library network, the Augsburg community has access to over 5,000,000 volumes. Augsburg's library works with a collection of education materials including approximately 160,000 books, periodicals, records, tapes, scores and films.

Associated Colleges of the Twin Cities. Full-time students at Augsburg and the St. Paul colleges of Hamline, Macalester, St. Catherine and St. Thomas may elect a course each semester at another campus. No additional fee is required for such an exchange, except for private instruction in music and some independent studies. See under "Independent Study" for further details. Students may elect to participate in the cooperative program to gain new perspectives, to get better acquainted with the other schools, or to undertake a specific course or major not offered on the home campus. The colleges have coordinated calendars. The interim term may also be taken on another campus. A regularly scheduled bus shuttles students between the campuses.

Augsburg College also cooperates with other colleges in planning study opportunities for the January interim. For example, Augsburg and St. Olaf jointly plan a number of foreign study opportunities for the interim. Since the interim program is new each year, the Interim Director should be consulted regarding planned programs.

The Higher Education Consortium. This group is composed of colleges and universities in Minnesota, Iowa and South Dakota. Planned activities include innovative curricular programs for students, interchange and sharing of academic personnel and other college resources, cooperative research projects, foreign study, joint sponsorship of a metro-urban affairs conference, and development of programs consistent with the needs and resources of the community organizations of the Upper Midwest.

Chemical Dependency Program. A cooperative effort between Augsburg College and Metropolitan Community College in downtown Minneapolis has resulted in the establishment of a four-year program in social work, sociology or psychology with a chemical dependency specialty. The program is designed to train specialists to help professional people in dealing with chemical dependency problems. Courses are taken both on the Augsburg and Metropolitan campuses.

Conservation of Human Resources (CHR). These co-learning classes bring together Augsburg students, prison inmates, mental hospital patients, guards, and students at rehabilitation centers. Classes are held at such places as the Shakopee Institution for Women, Stillwater State Prison, Trevilla of Robbinsdale (a center for the severely physically handicapped), or on the Augsburg campus. The classes offered through several departments give students first-hand views of the prisons, hospitals, and rehabilitation centers. The response of students involved in the courses, both from Augsburg and the institutions, has been extremely favorable.

Computer Programming. Augsburg and Control Data Institute have an arrangement whereby students may transfer the equivalent of three courses in computer programming taken at CDI to Augsburg College.

Affiliation with School of Nursing. Nursing students in the school of nursing at Lutheran Deaconess Hospital receive instruction in biology, chemistry, and other basic courses at Augsburg. Applications for admission to the school of nursing should be made directly to the hospital.

Medical Technology. In cooperation with Hennepin County General, Metropolitan Medical Center, and Northwestern hospitals, Augsburg offers work which enables qualified students to receive a college degree with a major in Medical Technology. The first three years of this work are taken at Augsburg, and a final twelve-month program is completed at one of the three hospitals when the student is accepted by the participating hospital for its program. Augsburg College does not guarantee acceptance by the hospitals.

Engineering. Affiliation with Washington University School of Engineering and Applied Science in St. Louis, Missouri, and Michigan, enables a student to receive the Bachelor of Arts degree from Augsburg College and an engineering baccalaureate degree from Washington University or Michigan Technological University, in a five-year program. The first three years are spent at Augsburg and the last two at the affiliated university.

Corrective Therapy. A program in Corrective Therapy worked out in cooperation with the Minnesota Veterans' Home, is available to students who complete a

major in physical education with specialization in Corrective Therapy.

Admission to this program requires an application to be approved by the director of the program. Application should be made during the spring semester of the sophomore year. Candidates are required to have a 2.5 grade-point average in work completed in the major and a 2.0 grade-point average overall. All candidates should, as soon as possible, consult with the Director regarding proper sequence of courses.

ROTC. While Augsburg does not offer Reserved Officers Training programs for the various armed services of the United States, such programs are available in the metropolitan area and may be pursued by Augsburg students. For information, confer with the Dean of the College.

Opportunities for Study Abroad

Several types of international experience are available to Augsburg students. Some of them are briefly described below. For application procedures and further information, request the special brochure on International Study at Augsburg from the Director of International Programs. Since there is a limit on the number of students who may study abroad each year it is wise to apply in the fall prior to the year one wishes to participate in an international program.

Program in Global Community. Augsburg's 3 1/2 month living/learning program based in Cuernavaca, Mexico, focuses on the study of issues related to global justice and human liberation in the light of Christian proclamation. Includes intensive Spanish instruction, group trips,

home stay with a family, and cultural activities. The cost, including travel, is equivalent to full room, board, and tuition for one term at Augsburg. Application and interview required, enrollment limited.

Student Project for Amity Among Nations. Augsburg participates in the SPAN program. This is a joint venture of the University of Minnesota and several colleges in the state. Each year three or four countries are selected, and qualified students are granted partial scholarships to enable them to spend a summer in informal study in one of the countries chosen. Applications to the program are made in the spring of the freshman or sophomore year. The SPAN program consists of three stages: language study and group meetings during the school year before departure, independent study abroad on a topic of one's choice during the following summer, and the writing of a paper upon return.

Semester or Year Abroad. Arrangements have been made under which Augsburg students may spend their sophomore or junior year in study at a number of foreign educational institutions. These institutions are the University of Oslo, Norway; Schiller College in London and Heidelberg; Warnborough House College at Oxford, England; the Instituto Allende at San Miguel de Allende in Mexico; the Institute for American Universities at Aix-en-Provence and Avignon in France; The Goethe Institute in Germany; the University of Hamburg, Germany; the University of Seville, Spain; and the University of Laval in Quebec. In addition, through the Higher Education Consortium for Urban Affairs, Augsburg students may take part in the Scandinavian Urban Studies Term, and through the Experi-

ment in International Living, Augsburg students are offered study programs in Columbia, Denmark, England, France, Germany, Ghana, Greece, Guatemala, India, Ireland, Italy, Japan, Nepal, Spain, Taiwan, Turkey, and Yugoslavia. This type of study must be approved before departure by the Director of International

Programs, one's faculty adviser, and the Committee on Admissions and Student Standing. Credit earned through foreign study may be applied to the student's graduation requirements as electives, as elements of the major sequence, or to satisfy some of the general education requirements.



Summer School. Again there is a wide variety of possibilities for those who wish to spend a summer studying abroad. Recently Augsburg students have spent summers in Norway, Spain, Mexico, France, Greece, Germany, and England. Those interested in further information should contact the Director of International Programs.

Interim. Study abroad during the interim is planned for each year. See listings under the Augsburg Interim Catalog and in the brochure on Interims Abroad issued each spring for the following January.

Honors Program

The Honors Program at Augsburg is designed to provide opportunities for qualified students to pursue an enriched and sometimes accelerated course of study. Special seminars, colloquia, honors student forums and options in completing the general education requirements are all parts of the Honors Program. Inquiries should be addressed to Dr. Garry Hesser, Honors Director.

Internship Program

The Internship Program is a college-wide program. It provides students in almost all fields of study an opportunity to gain practical on-the-job experience that can be related to their academic program or personal interests. Internships are available with a variety of companies, agencies and community organizations.

Continuing Education Program

Augsburg College offers a number of courses, both credit and non-credit, through its Continuing Education Pro-

gram. Classes are generally in the evening. Since continuing education courses are offered on a semester-hour basis, the courses vary in length from four weeks to fourteen weeks. Students wishing to know more about Augsburg's continuing education offerings should call or write the Office of the Associate Dean of the Faculty.

New Dimensions Program

The New Dimensions Program is for adults who have not attended or who have not graduated from college. The program provides admissions counseling, career guidance and planning, a simplified time-saving registration procedure, on-the-job experience prior to graduation, and, for those who desire it, a special course to ease the transition to academic life.

The transitional course, "The Adult Student: Issues and Challenges," is offered several times a year. It includes self-assessment, testing, counseling, training and practice in study skills, career exploration, and discussion of personal and family problems arising from the return to school. The course enables returning adults to get to know each other through sharing experiences, problems, hopes and aspirations.

For further information, contact the New Dimensions Office at Augsburg.

Certification Programs

Special programs certifying skills and knowledge have been established to increase vocational possibilities and/or to enhance personal growth. At the present time, there are offerings in Art, Women's Studies, and Church Staff Work.

Certification in Art requires eight courses, one of which must be in art history. Special professional or avocational concerns are addressed. See Art Department Chairperson.

The Women's Studies Certificate may be earned by completing six courses oriented towards women's perspectives. Each individually planned program should include courses in the social sciences and the humanities. Interested students should contact Professor Toni Clark.

The Church Staff Worker Certification Program is designed to help persons prepare for full-time specialized lay work in the Lutheran Church. It consists of a "Church Staff Worker Major" in Religion (9 courses) plus additional specialized courses in departments such as psycholo-

gy, sociology, speech, and physical education. The program is designed to meet or exceed criteria used in the American Lutheran Church in its certification program. See Religion Department Chairperson.

Degrees

Augsburg College offers the Bachelor of Arts, the Bachelor of Music, and the Bachelor of Science degrees. The degree, Bachelor of Science, is awarded to graduates with majors in Medical Technology, Music Therapy, Nursing, and Social Work. Majors in Music may select the program for either the Bachelor of Arts or the Bachelor of Music degree. Graduates with majors in other fields receive the Bachelor of Arts degree.

Student Life

Your experiences in the classroom are a major aspect of your college life, but learning and development also occur in formal and informal activities and opportunities of the college and metropolitan area. Whether you are a resident or commuter student, you'll find that the climate for learning and living at Augsburg can add dimension to your education.

Religious Life

An important part of daily life at Augsburg is religious activity. The Religious Life Commission, chaired by students and composed of students and faculty, sees its major responsibility in relation to worship, devotional life and the stimulation of faith. Chapel services are held three times a week and are both experimental and traditional in character. The Wednesday

evening Eucharist service in the College Center is a valued worship experience for many students. Students, faculty and staff participate voluntarily. Special events are sponsored throughout the year and a number of groups having a religious emphasis meet regularly. The College Pastor has an office in the College Center to be readily available for counseling, consultation or ways to get more involved in religious activity and groups.

Social and Cultural

Throughout the year, a variety of social and cultural activities takes place on campus as well as in the Twin Cities. These activities include dances, special dinners, name entertainment, and visiting personalities in various fields.



The College Center is the focus of leisure-time activity on campus. Offices for the College newspaper, the **Augsburg Echo**, and the yearbook, the **Augsburgian**, are on the lower level. Many of the clubs that unite classroom or non-classroom related interests meet in the Center.

There are several opportunities for participation in music and drama. In addition to performing on campus and in the city, the Augsburg Choir, Concert Band, and Orchestra tour. The String Ensemble, the Chorale, the Jazz Ensemble and several student-organized groups such as the Cabaret Singers also perform on and off campus. Several plays are given on campus each year under the direction of the theater arts department.

Recreation

Every student is urged to participate in some activity for recreation and relaxation. An intramural program provides competition in a variety of team sports as well as individual performance activities. Broomball has been an especially popular coed sport. Check schedules for times when there is open use of the gymnasium and ice arena.

Intercollegiate Athletics

Augsburg is affiliated with the Minnesota Intercollegiate Athletic Conference (MIAC) and is a member of the National Association of Intercollegiate Athletics (NAIA). The College annually competes in ten sports, including football, soccer, cross-country, basketball, hockey, wrestling, baseball, track, tennis, and golf. Augsburg is also a member of the Minnesota Women's Intercollegiate Athletic Association (MWIAA) and the Association for Intercollegiate Athletics for Women (AIAW). The women annually compete in

volleyball, cross country, gymnastics, basketball, tennis, track & field, and softball.

Student Services

Augsburg College is concerned with educating the whole person and recognizes that the context in which learning takes place is a critical factor in achieving optimal growth. Knowledge grows from more than intellectual endeavors. Expanding relationships, exploring values, identifying life styles, developing autonomy and interdependence, finding purpose and commitment — all combine with intellectual content and skills to produce the desired educational impact of the college on its students.

The Division of Student Affairs has been created to support this task. During the summer before your freshman year, or at the time of transfer, you will receive a copy of SEMAPHORE: Student Guide to a College Education. This book will help you assess the possibilities in your education, choices to make, directions to consider and different destinations for which to plan. SEMAPHORE was designed to act as a sort of road map for you.

The Center for Student Development provides a variety of services to help make your journey as rich and meaningful as possible. Some of the opportunities you may wish to participate in are listed below.

Summer Orientation. You can plan your first academic year and register for classes. You and your parents get acquainted with classmates, faculty, and staff as well as with the campus. You stay in the dormitory, attend events in the metropolitan area and seek answers to the many questions you have about college life.

Career Planning and Placement. You may be uncertain about where you want to be when you finish your undergraduate experience, whether your life style will be a balanced one, how work will provide opportunity for service and fulfillment. Augsburg has a four-year career development plan to help you assess yourself, explore possibilities, test realities and prepare for entry into the next phase of your life. All new students will have a chance to review their interests with a counselor.

Human Development Seminars. A series of informal "mini-courses" are offered each year to help you grow in understanding of yourself and your relationship to others. Such topics as PEER (Positive Educational Experiences in Relationships), Issues in Men's and Women's Identity, Assertiveness, Job Seeking, and Sexuality are available. Information on current offerings and opportunity to register are provided several times during the year.

Academic Enrichment. You may want to improve your skills in such areas as reading, studying, note-taking, and testing by attending one or more of the workshops offered. You also will have an opportunity to meet with a counselor to diagnose your needs. If a particular course proves difficult, you can arrange for tutoring through the Center.

Counseling and Guidance. Situations occur for all of us where we can handle challenges more effectively discussing things with someone who has more expertise. Counselors are available to help you think through how you can handle major or minor problems in a constructive way. Consultation is provided on questions of policy and procedure.

Learning for Living. A series of mini-classes designed for the person who has a desire to explore new interests, enhance leisure time, and meet others doing the same. This is a non-profit effort of the Student Activities program.

Intercultural Center

As a college in the city, committed to the values and insights of cultural diversity, Augsburg offers special advocacy and counseling for all minority students in close cooperation with administrators, faculty and community. At the present time these efforts concentrate in two major areas:

American Indian Programs. Augsburg offers an American Indian student support program to meet the special needs of Indian students. The American Indian Programs Counselor provides recruitment, courses, supportive services, community service and activities to improve educational opportunities for American Indians.

Black Student Programs. A counselor with responsibilities in recruitment, supportive services, community service and activities coordinates black student activities. The Black Student Union (BSU) provides a focus for many activities and programs.

The other facet of Augsburg's Intercultural Center focuses on students who are from or are interested in studying in other countries, and in planning activities and events which can increase intercultural awareness of students, faculty and staff.

Foreign Study. If you are interested in study abroad, consult the faculty member who serves as Director of International

Programs to check on the many opportunities available.

International Students. If you are a student from another country or would like to be part of the activities of this group, contact the faculty member who is appointed International Student Advisor.

Residence Life

Because Augsburg recognizes that a student's ability to respond to the learning environment depends, in part, upon his or her living conditions, a variety of housing alternatives is provided. The residence hall program is designed to promote student growth through relationships with other students and being an active participant in group decision-making. Each residence unit has one or more Resident Staff who are able to facilitate the process of group living as well as discuss personal concerns with individual students.

All new freshmen and some upperclass students live in **Urness Tower**. This eleven-story high-rise houses 324. Each floor is considered a house unit providing 36 students, two to a room, with their own lounge, study and utility areas.

Mortensen Tower, the newest residence hall, is an alternative to traditional residence-hall living. It contains 104 one and two-bedroom apartments to accommodate 312 upperclass students.

West Hall contains 12 one-bedroom apartments housing 24 upperclass students.

Another alternative option is **Annex Housing** which provides a unique opportunity to try group living. Groups of upperclass men or women share living

space, house responsibilities, and cooking. Houses are located in the campus area. One way to maximize the living-learning aspects of your housing situation is to avail yourself of the opportunity to bid for a house as a Special Interest House. Groups of students have created exciting projects by writing and implementing educational impact proposals on such topics as Environmental Concerns, Men's and Women's Awareness, International Living, Simplified Life Styles, and Scandinavian Studies.

Married student housing is available in annex housing and Kueffner Apartments.

All freshmen and sophomores not living at home are required to live in college-operated housing.

Mortensen Tower is carpeted, air conditioned, and contains kitchen units. It is otherwise unfurnished. In other residence halls or houses, rooms are furnished except for bed linens, towels, blankets, and bedspreads. Laundry facilities are available in each residence.

Students engage a room at the beginning of the fall term for the entire school year. New students receive room assignments during the summer before they enroll at Augsburg. Upperclass students make housing arrangements in the spring. All resident students must sign housing contracts.

Freshmen and transfer students are urged to make the tuition deposit by June 1 in order to secure housing. Students who deposit after June 1 will be provided housing only if space is available.

All students living on campus are required to pay a \$100 advance payment when they sign the housing contract. The fee is credited to the students' account when they move into the residence.



Student Activities

A variety of interests are served by groups and clubs and by events sponsored by the student government. If you need information or wish to initiate a new group or activity, contact the Student Activities Director.

Advising

All members of the Augsburg faculty serve as academic advisers. Advisers are assigned on the basis of academic interests, and students are encouraged to establish close working relationships with their adviser. Secondary Education students have available a second adviser, one in the major and one in the area of education.

Student Financial Services

You may wish to contact this office for information on types of assistance available and for answers to questions about deadlines and procedures. Work opportunities both on and off campus are also recorded. If you have financial problems, this is a good place to work them out.

Health Service

Your health needs will be met by the staff of Smiley's Point Clinic located on Riverside Avenue across the street from the campus. Visits are free except for special testing or service, and prescriptions are available through the Fairview Pharmacy at cost. Be sure to check your family health coverage to determine if you are included; if not, a student health insurance plan is available.

Food Service

The Commons, situated on the top floor of the College Center is the main food-service facility. This pleasant room fea-

tures small table units for easy conversation and overlooks the College Quadrangle and Murphy Square. The portions are generous and modestly priced. Students on board plan who live in residence halls eat their meals in the Commons.

The Chinwag, located on the ground floor of the Center, features short orders and is open through the noon hour and in the evenings.

Augsburg provides a variety of board plan options for those living in College houses or nearby apartments.

Student Government

Student government is the vehicle through which students can secure a closer relationship and better understanding with the administration and faculty, and provide better input into the decision-making process at Augsburg. Student government also sponsors and directs student activities, protects student rights, and provides the means for discussions and action on all issues pertaining to student life at Augsburg. Student government is organized into the executive branch, the legislative branch, and the judicial branch. Elections are held in the spring except for freshmen who elect their representatives in the fall of their first year. Many kinds of involvement are possible from program planning to writing or editing to service opportunities. If you want to get involved, contact the President or Vice President in their offices in the College Center.

Student Rights

The College has adopted a statement of student rights and responsibilities and has provided for due process in matters of

disciplinary action and grade appeal. The Judicial Council is elected by student and faculty and serves to conduct hearings and review matters of concern. Any student who wishes to identify appropriate procedures for complaint should contact the Vice President for Student Affairs.

The College operates in compliance with the Family Rights and Privacy Act and Title IX. Students have the right to inspect all official records, files and data which pertain to them and which are maintained in the office of the registrar and the place-

ment office and to challenge inaccurate or misleading information. Exceptions are parents' financial records and confidential letters and statements placed in the record before January 1, 1975, or placed under conditions where students have signed a waiver of right of access. Students have the right to experience education free from discrimination based on sex, race, ethnic, or cultural background, creed, marital status or age.

Persons seeking additional information on these topics should contact the Center for Student Development.

Admission to the College

Applying for admission to Augsburg College is a simple procedure. Each application is reviewed by the Admissions Office and students are accepted on the basis of high school performance, promise of success in college as shown by college entrance examination scores, other motivational factors, and personal recommendations.

It is the policy of Augsburg College not to discriminate on the basis of race, creed, national or ethnic origin, age, marital status, sex or handicap as required by Title IX of the 1972 Educational Amendments or Section 504 of the Rehabilitation Act of

1973 as amended in its admission policies, educational programs, activities and employment practices.

A visit to the campus is highly recommended: admissions counselors are available to help you, answer your questions, and arrange for you to see the campus.

The Application Process for Freshmen

1. From the Admissions Office secure an official application for admission and complete it.



2. Hand the completed application to your high school counselor, along with the \$10.00 application fee, and ask that these be sent with your official high school transcript to:

Admissions Office
Augsburg College
731 21st Ave. South
Minneapolis, MN 55454

3. Submit scores from the SAT or ACT or PSAT. The College recommends that candidates sit for the examination as early as possible during the senior year. Your high school counselor can tell you when these tests are scheduled in your area.

4. Admissions to the College are made on a "rolling" basis: soon after an application file is complete, a decision will be made and the student notified. A non-refundable \$50.00 tuition deposit is required by April 1 after acceptance has been made and/or financial aid (if applied for) has been awarded.

5. After the deposit has been made, the student must complete a medical data form, which will be sent by the College.

6. Room assignments for those who have requested to live on campus, and matriculation information will be mailed to the student during the summer.

Transfer

Students are accepted by transfer from other colleges and universities on the basis of their academic record. College credit is granted for liberal arts courses satisfactorily completed at accredited institutions. The College reserves the right not to grant credit for courses where it considers the work unsatisfactory, and to grant provisional credit for work taken at unaccredited institutions.

The grade average for graduation is based on work taken at Augsburg only.

Transfer students with the A.A. degree are considered as having met all general education requirements at Augsburg except for two courses in religious studies.

Registered Nurse Students seeking a Bachelor of Science degree in Nursing must also complete the Department of Nursing entrance tests.

The Application Process For Transfer Students

1. From the Admissions Office, secure and complete, an official application for admission. This should be sent to the Admissions Office with a \$10.00 application fee.

2. Request official transcripts from all colleges or universities attended to be sent directly to:

Admissions Office
Augsburg College
731 21st Ave. South
Minneapolis, MN 55454

3. Admissions to the College are made on a "rolling" basis: soon after an application file is complete, a decision will be made and the student notified. A non-refundable \$50.00 tuition deposit is requested within one month after acceptance has been made and/or financial aid (if applied for) has been awarded.

4. After a deposit has been made, the student will be requested to complete a medical data form, which will be sent by the College.

5. Room assignments for those who have requested to live on campus and matriculation information will be mailed during the summer.

The Application Process For Returning and Special (Non-degree) Students

1. Obtain an application form from the Office of the Registrar.
2. Request that official transcripts from all colleges or universities attended be sent directly to:

Registrar's Office
Augsburg College
731 21st Ave. South
Minneapolis, Minn. 55454

(Returning students need to have sent only the transcripts of colleges attended since the last enrollment at Augsburg.)

4. Room assignments for those who have requested to live on campus will be made in the housing office.

Foreign Student Admission

Citizens of other countries are welcomed at Augsburg College. A foreign student adviser is available to help them in the transition to college and to the United States. Admission is based upon performance in secondary school and previous college work, if any. Evidence of proficiency in English and satisfactory financial sponsorship is required. A very limited number of scholarships is available.

Medical insurance is required of all non-immigrant foreign students attending Augsburg. If they have an internationally valid health insurance policy, a copy of the policy is required.

For application forms and further information, write to the Office of Admissions.

Early Decision

An Early Decision Program is offered for students who select Augsburg as their first college choice and who will accept an offer of admission if it is extended. An Early Decision candidate must apply by November 15 of the senior year and will receive the admission decision about December 1. The admissions decision is based upon the academic record through the junior year, test scores and recommendations.

Early Decision candidates applying for financial aid are encouraged to complete the Augsburg Early Decision Financial Aid Application, which enables our Financial Aid Office to compute a preliminary award. Candidates will be notified of their award by January 1.

After notification of admission and financial aid, if needed, the student is encouraged to withdraw applications to other colleges.

A \$50.00 nonrefundable tuition deposit is required by January 1 or within 15 days of financial aid notification.

Early Admission

An Early Admission Program is offered for a few high school juniors. To apply for Early Admission, a student must have a high academic record and test scores, recommendation from the high school and the maturity to cope with a college course after the junior year in high school. Also, it is recommended that the student complete the requirements for a high school diploma during the summer or during the first year of college. A student applying for Early Admission can take the Scholastic Aptitude Test in January or March of the junior year.

Project Ahead

A cooperative program between Augsburg College and the United States Army makes provision for an individualized plan of education. A prospective student who qualifies for the program may choose Augsburg as a home school and carry on a pre-planned course of study at other colleges while in the Army. An adviser at Augsburg assists the student in the selection of courses which will transfer and apply toward graduation when the student matriculates at Augsburg. A registration fee of \$100 is charged. This fee will apply toward the student's tuition, provided he or she matriculates as a full-time student at Augsburg College within five years from initial registration with the college in Project Ahead.

The Army provides up to 75% of the tuition for courses under Project Ahead. After enlistment, when the student enrolls at Augsburg, the Army provides 36

months of financial assistance under the G.I. Bill.

Advanced Placement

Advanced placement is granted to students who qualify, on the basis of work taken in high school or elsewhere, to enroll in courses beyond the beginning level. Placement may be determined by tests, or by the level and length of the study previously completed.

Advanced Standing

College credit is granted to high school students who have successfully completed a college level course and who have scored high on the Advanced Placement Examinations. Augsburg will also award credit on the basis of scores received on the College Level Examination Program (CLEP) offered by the College Entrance Examination Board. Requests for detailed information may be addressed to the Registrar at Augsburg.



Financial Aid

About 85% of all Augsburg students receive financial assistance from the college through some form of scholarships, grants, loans, campus employment, or a combination of these. Assistance is awarded on the basis of financial need and academic record. Application for aid is made by completing the Family Financial Statement (FFS) of the American College Testing Program. While Augsburg College prefers the FFS, which is required for students applying to the Minnesota State Scholarship and Grant Program, students may instead submit the Financial Aid Form (FAF) of the College Scholarship Service. Upperclass students must also complete the Augsburg Application for Financial Aid.

For the academic year 1978-79, approximately 85% of the students at Augsburg received scholarships, grants, or loans totaling over \$3,900,000 from Augsburg and all other sources.

Augsburg participates in the Minnesota State Scholarship and Grant Program to which all Minnesota residents are expected to apply, and the following federal programs: Supplementary Educational Opportunity Grant, Basic Opportunity Grant, National Direct Student Loan, College Work-Study and Guaranteed Student Loan. Both on-campus and off-campus work opportunities are also available. Applications for financial aid received by April 1 will be considered first. For further information, contact the Office of Student Financial Services at Augsburg.

PREPARING A BUDGET

Writing down realistic estimates of all expenses and of all potential financial resources is the best way to do your

financial planning. Both your own financial ability and that of your family are considered in evaluating your need for financial aid. Your budget should include amounts for tuition and fees and for books and supplies. Tuition and fees for 1980-81 are \$3660 per year. Books and supplies may be estimated at \$225 per year. Room and board is \$1760 per year.

Other college-related expenses are those for transportation to and from the campus. Estimates should be based on nine months.

Personal maintenance costs vary, but amounts should be budgeted for:

- Clothing, cleaning
- Recreation, entertainment
- Personal spending, cosmetics, incidentals
- Medical (doctors, dentists, eyeglasses, etc.)

After you have written down estimates of your expenses, make a list of all possible sources of income, such as: contributions from parents' earnings; personal and family savings; personal earnings during vacation periods; earnings from part-time jobs during academic year; benefits from Social Security and/or Veteran's Administration; aids or loans from sources other than family, friends or Augsburg (i.e., scholarships from state, church, civic and school).

Students should check with their employers, their parents' employers and any union to which a family member belongs for possible scholarship programs. High school guidance counselors may have information about student aid offered by church, civic, professional, or fraternal organizations in a given locality. Following you will find a summary of financial aid programs.

Information on a deferred payment plan is available from the Augsburg College Office of Student Financial Services.

OTHER SOURCES OF FINANCIAL AID

Basic Educational Opportunity Grant (BEOG)

For students with proven financial need. Available to full-time and part-time students. Up to \$1800 per year depending on the institutional costs and the student's eligibility. Obtain application from high school guidance office or college financial aid office.

Veteran's Administration Benefits/ G.I. Bill

Veterans, widows of veterans, and children of disabled or deceased veterans may qualify for special benefits. Amount is dependent upon eligibility as determined by the Veteran's Administration. To apply, contact the Federal Veteran's Administration Office in your area.

Social Security Benefits

For unmarried full-time students if one parent (covered by Social Security) is retired, deceased or disabled. Amount is dependent upon eligibility as determined by the Social Security Administration. To apply, contact the Federal Social Security Administration Office in your area.

Vocational Rehabilitation

Students with certain physical or emotional disabilities may qualify for special assistance. Amount is dependent upon eligibility as determined by the Vocational Rehabilitation Office. To apply, contact your local Vocational Rehabilitation Office.

National Scholarship and Grant Program for Minority Students (sponsored by the American Lutheran Church)

For members of American racial and ethnic minorities and other eligible groups who are either seeking admission to an American Lutheran Church (ALC) college or are members of an ALC congregation. Up to \$1000 per year. Renewable.

American Indian Scholarships

American Indian students who meet federal and state requirements may apply for Bureau of Indian Affairs, Tribal and/or Indian State Scholarship monies. Indian grants are supplemental to all other sources of financial aids. For assistance in application, contact the American Indian Programs Counselor.

Guaranteed Student Loans/Minnesota State Student Loan

For students carrying at least one-half the normal full-time academic load, the Federal Government pays the full interest on the loan while the student is in college. When repayment begins, the student pays the full 7% interest. The maximum loan is \$2500 per year or the cost of education, whichever is less. The aggregate maximum is \$7500.

Loan applications are available at the College, at some banks, and from Minnesota State Student Loan Office.

PROGRAMS ADMINISTERED BY THE MINNESOTA HIGHER EDUCATION COORDINATING BOARD

Minnesota State Scholarship

Awarded to Minnesota residents on the basis of scholastic achievement and need. High School seniors who are Minnesota residents are expected to

apply. Range: \$100 to \$1250; but shall not exceed one half of the applicant's demonstrated financial need.

Minnesota State Grant-in-Aid

Awarded to Minnesota residents on the basis of evident need. High school seniors and community/junior college transfer students who are Minnesota residents are expected to apply.

In addition, persons who have not attended a post-secondary institution

for twelve months prior to the deadline date may apply.

Applications for the Minnesota State Scholarship/Grant will be mailed to all Minnesota high school seniors. If you do not receive an application by December 30, contact your high school guidance counselor or the college financial aid office.

Return completed application and FFS to The American College Testing Pro-



gram, Financial Aid Operations, P.O. Box 1000, Iowa City, Iowa 52240.

Be sure to list Augsburg College (Code 2080) and the Minnesota State Scholarship/Grant Program (Code 6500) to receive the FFS analysis.

NOTE: Unsuccessful Scholarship applications are automatically considered for the State Grant.

DEADLINE: March 1.

FINANCIAL AID PROGRAMS ADMINISTERED THROUGH THE COLLEGE

Honor Scholarships

For entering freshman students ranking in the top 15% of their high school class with above average aptitude test scores.

Up to full tuition per year. Available for a maximum of 4 years based on 2.5 cumulative grade-point average and continued financial need.

Academic Grants

For entering freshman students who have shown academic potential and have financial need.

Up to full tuition per year. Available for a maximum of 4 years based on 2.0 cumulative grade-point average and continued financial need.

Federal Supplementary Educational Opportunity Grants (SEOG)

For students having exceptional financial need who could not otherwise attend college, and who carry at least one-half the normal academic load.

Range \$200 to \$1500 per year. Renewable for 3 years. Will be matched by other financial assistance such as loans, scholarships, employment.

National Direct Student Loans (NDSL)

For students with proven financial need and who carry at least one-half the normal academic load.

Averages approximately \$1000 per year. Can be reapplied for each year although renewal is not guaranteed.

College Work Study Program

For students with proven financial need and who carry at least one-half the normal academic load.

A maximum of 15 hours of on-campus employment per week is recommended.

Augsburg Opportunity Grant

For any graduate of a Minnesota Junior College entering Augsburg for further full-time study and with proven financial need.

Range from \$100 to \$1000. Renewable for a second year.

How to Apply

1. Apply for admission; for new students this application is also the financial aid application.
2. Obtain a Family Financial Statement (FFS) from high school counselor or Augsburg College Financial Aid Office*
3. Complete and return the FFS to:

American College Testing Program
Financial Aid Operations
P.O. Box 1000
Iowa City, Iowa 52240

Request that a copy be sent to Augsburg College. Augsburg's ACT code number is 2080. Financial statements received by April 1 will be considered first.

*Although Augsburg prefers the FFS, the College will accept the Financial Aid Form FAF of the College Scholarship Service. Augsburg's CSS code number is 6014.

SPECIAL SCHOLARSHIPS

Available to upperclassmen (Soph, Jr, Sr, next year). Descriptions of awards are copied verbatim from statements of the donors' wishes.

GENERAL SCHOLARSHIPS

Winners selected by Student Personnel Committee:

- 1. The Eleanor Christensen Edwards Memorial Scholarship** — established in 1978 for upperclass students preparing for a career in medicine or health.
- 2. The Alma Jensen Dickerson Memorial Scholarship** — awarded annually to two deserving junior/senior students as recommended by the committee.
- 3. The Elias B. Eliason, Sr. Memorial Scholarship** — established in 1979 by his family. One or more scholarships will be awarded annually to needy and deserving upperclass students.
- 4. The Oliver M. and Alma Jensen Dickerson Memorial Scholarship** — awarded annually to two deserving junior/ senior students.
- 5. The M. J. Estrem Scholarship** — awarded annually to a worthy student of the College selected by the scholarship committee.
- 6. The Catha Jones Memorial Scholarships** — awarded annually to female students transferring from Waldorf College. Preference given to those in music and/or elementary education.
- 7. Memorial Scholarship** — awarded annually to an able and deserving upperclass student as recommended by the scholarship committee.
- 8. Minnesota Mining & Manufacturing Scholarships** — established in 1972 to be distributed by the scholarship committee to needy students.
- 9. The Rev. Horace E. Nyhus Memorial Scholarship** — awarded annually to a deserving senior.
- 10. Douglas Ollila Memorial Scholarship** — \$250 awarded to a senior.
- 11. The Quanbeck Scholarship Fund** — established in 1963 by a bequest of John G. Quanbeck, awarded annually to freshmen students who without assistance would be unable to pursue higher education.
- 12. The Reader's Digest Endowed Scholarships** — awarded to able and deserving upperclassmen.
- 13. The Johan H.O. Rodvik Memorial Scholarship** — distributed annually to needy and deserving students preparing for a career in professional Christian service.
- 14. The Tozer Foundation Scholarships** — up to \$1000 each — awarded on the basis of scholarship, personality, and

need. Winners must be junior or senior students who are residents of the State of Minnesota but not residents of Pine, Kanabec or Washington Counties. **Separate application required** of semi-finalists selected by the scholarship committee. FFS must be sent to Tozer Foundation (code 6577)

15. **The Edward Yokie Memorial Scholarship** — awarded to an able and deserving junior or senior student.

SPECIAL SCHOLARSHIPS

Winners selected by Student Personnel Committee

1. **Aid Association for Lutherans** — awarded to able and deserving upper-class students who are policy holders with Aid Association for Lutherans Insurance Company.
2. **Mildred Ryan Cleveland Memorial Scholarship** — awarded annually to able and deserving students, who have physical disabilities and have demonstrated financial need.

MINORITY STUDENT SCHOLARSHIPS

Winners selected by Student Personnel Committee:

1. **Aid Association for Lutherans Minority Scholarship Program** — awarded annually to Lutheran American minority students who show financial need.
2. **Minnesota Mining & Manufacturing Minority Student Scholarship** — established in 1973 to be awarded to a Black student.

3. **The Marlys Johnson Simengaard Memorial Scholarship** — Awarded periodically to a Black American student.

4. **National Scholarship & Grant Program for Minority Students** — sponsored by the American Lutheran Church (ALC). Awarded annually to members of racial and ethnic minorities.

5. **The Marilyn Petersen Memorial Scholarships** awarded annually to upperclass Oriental students.

6. **Homecoming Auction Scholarship** — awarded annually to two minority students by contributions from faculty, administration, staff and students at the Homecoming auction.

RELIGION & CHRISTIAN SERVICE SCHOLARSHIPS

Winners selected by Student Personnel Committee:

1. **The Thorvald Olsen Burntvedt Memorial Scholarship** — awarded annually to a student(s) in the senior class who is preparing for the ministry.
2. **The Iver and Marie Iverson Scholarship** — awarded on the basis of need, character and interest in Christian service.
3. **The Reverend Olaf Rogne Memorial Scholarship** — awarded on the basis of need, scholarship and interest in Christian service.
4. **The Morris G.C. and Hanna Vaagenes Missionary Scholarship Fund** — awarded to a junior/senior student preparing for service as a missionary through the World Missions Depart-

ment of the American Lutheran Church.

5. **Onesimus Scholarship** — awarded periodically to students preparing for the Christian ministry.
6. **The Marguerite Hamilton Storley Memorial Scholarship** — awarded annually to an able and deserving junior/senior student recommended by the scholarship committee. Semi-finalists are interviewed and selected by donor.
7. **Gerda Mortensen Memorial Scholarship** — Winners are selected on the basis of scholarship, characteristics of service and devotion to the Christian faith.

DEPARTMENTAL SCHOLARSHIPS

ART — winners selected by Art faculty.

Crown Princess Sonja Art Scholarship — established by the Crown Princess of Norway to be awarded annually to a talented art student with financial need.

ATHLETIC — winners recommended by Physical Education faculty to the Student Personnel Committee.

1. **The Paul Dahlen Memorial Scholarship** — awarded annually to an able and deserving male student on basis of Christian purpose, athletic and academic achievement.
2. **The Paul Dahlen — Gerald Pryd Memorial Scholarship** — awarded annually to a male student or students on basis of personality, character, athletic and academic achievement.

3. **The Magnus A. Kleven Family Scholarship** — awarded annually to a male student on basis of achievement, personal character, and promise in field of physical education.

4. **The James Winkler Memorial Scholarship** — awarded annually to a male student on basis of personality, character, athletic ability and academic achievement.

5. **The Peterson Football Scholarship** — awarded to a freshman football player on basis of financial need.

6. **The Sandbo Football Scholarship** — awarded to a football player on basis of financial need.

7. **Keith Hoffman Memorial Scholarship** — awarded to a student because of his academic achievement, personal character, and ability in field of athletics.

8. **David Gronner Memorial Scholarship Fund** — awarded to two or more students participating in athletics or music. The award is “made to students who have demonstrated financial need” and/or “of high Christian character”. The athletic scholarship is for a male candidate only, with a preference for basketball.

BIOLOGY — Winners selected by the Biology Department faculty.

Biology Scholarships — established in 1972 by the faculty of the Biology Department to honor outstanding students who intend to major in Biology, Natural Science or Medical Technology.

BUSINESS — Winners recommended by the Business Administration faculty to the Student Personnel Committee.

1. **The Gamble-Skogmo Foundation Scholarship** — awarded to one or more upperclass students interested in the field of business.
2. **The Reid Scholarship** — awarded to one or more upperclass students who are interested in business and/or education.

CHEMISTRY — Winners selected by the Chemistry faculty.

Awarded to students whose academic record indicates promise of achievement in the field of Chemistry.

1. **The Manivald Aldre Memorial Chemistry Scholarship.**
2. **The Carl Fosse Memorial Chemistry Scholarship.**
3. **The Frederick C. and Laura E. Mortensen Chemistry Scholarship.**
4. **The Dr. W.M. Sandstrom Chemistry Scholarship.**
5. **The Walter Gordon Schell Memorial Chemistry Scholarship.**
6. **The Walter E. Thwaite, Jr. Memorial Chemistry Scholarship.**
7. **The Covey Hendrickson Memorial Chemistry Scholarship.**

EDUCATION — Winners selected by Education faculty.

The David Mathre Scholarship — awarded to qualified full-time students in need of financial assistance during the term in which they are student teaching.

ENGLISH — Winners selected by English faculty.

1. **Anne Pederson English Scholarship** — awarded annually to junior/senior students who are majoring in English with preference given to those who plan to teach English as a career.
2. **Professor P. A. Sveeggen Memorial Scholarship** — awarded to an outstanding student in the field of English.

HISTORY — Winners selected by History faculty.

The H. N. Hendrickson History Scholarship — awarded annually to students majoring in history with preference given to those who plan a career in the field.

LIBRARY SCIENCE — Winners selected by Library staff.

1. **The Library Science Scholarship** — established in 1971 to honor one or more outstanding student(s) choosing librarianship as a career.

MATHEMATICS — Winners recommended by Mathematics faculty to the Student Personnel Committee.

1. **Minnesota Gas Company Scholarship** — generally awarded to able and deserving junior/senior students majoring in mathematics or the sciences on basis of need and academic ability.
2. **Mathematics Scholarship** — awarded to an able and deserving student in the field of mathematics.

MODERN LANGUAGE — Winners selected by Modern Language faculty.

1. **The Mimi Baez Kingsley Modern Language Scholarship** — awarded annually to junior/senior students who are majoring in a modern language with preference given to those who plan to teach language as a career.
2. **Foreign Travel Scholarship** — available to language majors studying a language abroad during the academic year, to help with travel expenses. A special application is required by the Foreign Language Department.

MUSIC — Winners selected by Music faculty.

1. **O.I. Hertsgaard Scholarship** — awarded annually to junior/senior students who have demonstrated proficiency in choral and/or instrumental music, who show interest or potential in conducting and who show promise of overall academic success.
2. **The Henry P. Opseth Music Scholarship** — awarded to a sophomore/junior student of outstanding promise in the field of music.
3. **The Marilyn Solberg Voice Scholarship** — awarded to an Augsburg student who has music as a major/minor and who shows outstanding promise for achievement in the art of singing.
4. **The Ingaborg C. Christenson Scholarship** — awarded to a student on the basis of skilled performance or aptitude in stringed instruments.

5. **The Leonard and Sylvia Kuschel Scholarship** — awarded to upperclass students seeking to acquire musical and performance skills in instrumental music with preference given to those candidates who have shown proficiency in keyboard instruments.

6. **David Gronner Memorial Scholarship Fund** — awarded to two or more students participating in athletics or music. The award is “made to students who have demonstrated financial need” and/or “of high Christian character.”

7. **Peggy Christensen Benson Memorial Scholarship** — awarded annually to a student studying choral music.

NURSING — winners selected by Nursing faculty.

Donna Henke Hendershot Memorial Scholarship — awarded to a graduate of the Abbott Northwestern School of Nursing enrolled in the Upper Division Nursing Program at Augsburg.

PHYSICS — Winners selected by Physics faculty.

The Theodore J. Hanwick Scholarship — awarded annually to an upperclass student majoring in physics.

SOCIOLOGY

Adolph Paulson Memorial Prize — awarded annually to a student in the general field of Christian Sociology.

Expenses

Costs listed here are for the 1980-81 academic year, and are subject to change without notice.

TUITION — \$3,660

This full-time rate applies to new freshmen, transfer or returning students (not on a prior year guarantee plan) entering the academic year beginning September, 1980. Students are considered full-time when they take three or more courses during the semester terms for a total of seven courses in the year.

Under the 4-1-4 calendar, the student must register for the semester periods. If the student elects to omit an interim or to graduate in December, a refund is not authorized.

A part-time rate of \$510 per course is charged the student taking less than three courses in a semester or registering for an interim course only.

Full-time students may audit a course without charge. For part-time students, the charge for auditing is one half the part-time rate per course. Part-time students who take Lifetime Sports are charged the audit rate for that course.

SPECIAL FEES — NOT REFUNDABLE

An application fee of \$10.00 is required from all new students.

A registration fee for students studying abroad on approved non-Augsburg programs is \$125.00.

Seniors enrolled in the Medical Technology program at one of the hospitals must register at Augsburg. The charge is \$510.00.

Students enrolled in the music therapy program will arrange their internship with Music Department faculty. The charge for this one-course credit is \$510.

Fee for change in registration after the first three days of classes is \$2.00 for each course cancelled or added. Late registration fee after classes begin is \$5.00 per day.

SPECIAL COURSE FEES — NOT REFUNDABLE

Cinema Arts, \$35

Computer Science, \$30 per course

Student Teaching, \$35

Film Making, \$90

Life Drawing, \$20

Stagecraft, \$30

Psychology of Music, \$10

Nursing Admission Test, \$20

Study Abroad — See Study Abroad Adviser.

Music lessons in addition to tuition are \$140 a semester (14 lessons), or \$10.00 per lesson during Interim.

Class piano lessons, \$70 per term

Practice Studio rental for each semester for one hour a day, \$35.00 (\$15.00 an interim).

Band — Orchestra instrument rental \$30.00 a semester.

Nursing students are required to have a name pin, available at cost through the Department of Nursing.

OTHER COSTS

Transcript fee: first copy free; additional copy, \$1.00.

Locker rental for commuter students: \$5.00

Arrangements for special examinations are made in the Registrar's Office with charges according to the schedule on file.

Books and supplies are available from the Bookstore on a cash or charge account basis.

BOARD AND ROOM

Full Board and Room — \$1,760.

Other plans are available as defined in the Room and Board Contract Booklet at the Office of Auxiliary Services.

In the event of excessive increases in the cost of operation, these board rates may be increased at any time before or during the contract year.

Linen service is available in residence halls on a direct contract basis from a local linen supply company.

1979-80 COST SUMMARY

Application Fee — \$10.00

Tuition — \$3,660

Board and Room — \$1,760

Breakage and Fine Deposit — \$25.00
(*Refunded on termination of studies at Augsburg*)

Deposits

TUITION DEPOSIT — New students, \$50.00 (not refundable). Required of students whose application for admission has been accepted; to be paid by April 15, 1979. (Payment is due February 1 under Early Decision Program). The deposit is applied to the tuition charge.

ROOM RESERVATION DEPOSIT - All resident students: \$100.00 advance deposit required at time of signing a contract to reserve a housing assignment for the term beginning in September. Applied to the room charge. New contracts may be terminated for Fall or Spring term by notifying the Office of Student Life in writing by the first day of registration. The resident will be responsible for all costs incurred due to late cancellation or lack of proper notification. If the new contract is cancelled prior to July 1 (Fall semester) or January 1 (Spring semester), \$35.00 will be forfeited from the \$100 advance payment as a service charge. If the new contract is cancelled after July 1 or January 1, the entire amount will be forfeited.

BREAKAGE AND FINE DEPOSIT — All students at registration: \$25.00. Refundable upon graduation, transfer to another institution, or discontinuing education program at Augsburg.

Settlement of Account

A statement of estimated charges for the year will be prepared and forwarded to the student early in August. Payment of the first half-year billing period is due August 20, and the second half-year is due January 20. Variation from this schedule must be arranged with the Office of Student Financial Services prior to August 20.

No student is permitted to register if his or her account for a preceding term has not been paid in full.

Refunds

A student cancelling part or all of his/her registration and/or being released from

his/her housing contract will be refunded charges for tuition and room except for the minimum deduction of \$100 of fees to cover administrative costs according to the following schedule:

- 100% through the first five days of classes.
 - 90% from the sixth day through the tenth day of classes.
 - 80% from the eleventh day through the fifteenth day of classes.
 - 70% from the sixteenth day through the twentieth day of classes.
 - 60% from the twenty-first day through the twenty-fifth day of classes.
 - 50% from the twenty-sixth day through the middle of the term.
- No refund will be made after the middle of the term.

Should a student be forced to cancel his/her registration during the first one-half of the term due to illness or accident, upon submission of a report from the attending physician stating the inability or inadvisability of continued matriculation, the charges will be reduced by one-half.

In all cases board refunds are made on a proportionate basis.

All refunds of charges will be applied back to the account of the student and all adjustments for aid, loans, fines and deposits, etc. shall be gathered in the student's account before eligibility for a cash refund shall be determined.

Academic Administration

Students who enroll at Augsburg College are encouraged to plan their own course of study with the help of faculty advisers who are readily available for consultation and guidance. A well-planned program of liberal arts studies will include courses in the humanities, the natural sciences, and the social sciences.

Augsburg graduates are expected to be able to write effectively; they are also expected to be knowledgeable about urban concerns and have some understanding of cultures outside the United States.

The general recreational activities courses at Augsburg are designed to acquaint students with and to equip students for lifetime sports.

Courses in religion are intended to assist students in their reflection on the meaning of the Christian Church through the study of its beliefs, its scripture, and its mission.

Augsburg College offers the Bachelor of Arts degree, the degree of Bachelor of Music, and the Bachelor of Science degree. The degree, Bachelor of Science, is awarded to graduates with majors in Medical Technology, Music Therapy, Nursing and Social Work. Students who enter the nursing program with a Bachelor of Arts degree and who wish to earn a Bachelor of Science degree should contact the Office of the Registrar for information on the specific requirements for a second bachelor's degree. Majors in Music may select the program for either the Bachelor of Arts or the Bachelor of Music degree. Graduates with majors in other fields receive the Bachelor of Arts degree.

Divisional Organization

The college curriculum is organized into four divisions in order to make inter-departmental coordination more convenient and cooperative aims more easily achieved. A chairperson for each division is elected for a two-year term.

Major and minor requirements are indicated in the departmental statements in the course listing section.

NATURAL SCIENCE AND MATHEMATICS

Chairperson: *Earl R. Alton*

Department of Biology
Department of Chemistry
Department of Mathematics
Department of Physics

SOCIAL AND BEHAVIORAL SCIENCES

Chairperson: *Myles Stenshoel*

Department of Business Administration,
Business Education, and Economics
Department of History
Department of Political Science
Department of Psychology
Department of Sociology

PROFESSIONAL STUDIES

Chairperson: *Marie O. McNeff*

Department of Education: Elementary
Education, Geography, Library Science,
Secondary Education
Department of Physical Education and
Health Education
Department of Music
Department of Nursing
Department of Social Work

HUMANITIES

Chairperson: *Eugene Skibbe*

Department of Art

Department of English

Department of Foreign Languages:

Chinese, French, German, Greek,

Japanese, Linguistics, Norwegian,

Russian, Spanish

Department of Philosophy

Department of Religion

Department of Speech, Communication
and Theater Arts

Minimum Graduation Requirements Include the Following:

1. A total of 35 courses of which 11 must be upper division (numbered in the 300s and 400s) and not more than 13 in one department, except in certain approved majors for the Bachelor of Science/Arts degree and 17 for these degrees: Bachelor of Music, Bachelor of Science in Music Therapy, and Bachelor of Science in Nursing.

No more than these maximums may be applied toward the 35 total courses required: 4 CHR courses, 2 courses by independent study or directed study or a combination of directed and independent study, 4 courses of internship and 8 courses with a grade of P (two in the major except Elementary Education and one in the minor if approved by the department chairperson).

Students who enter the nursing program with a B.A. degree and who wish to earn a B.S. degree should contact the Office of the Registrar for specific requirements for a second bachelor's degree.

For transfer students, the maximum in the areas listed in the paragraph above is an average of two courses per year of attendance at Augsburg.

2. Completion of a major. Requirements for each major are listed under departmental headings.
3. A grade point average of 2.0 in all courses taken and in courses which apply toward the major (except for Elementary Education and Nursing, where 2.5 averages are required).
4. The last year of full-time study at Augsburg College.
5. Three interim courses. For transfer students, the number of interim courses is one less than the number of years at Augsburg.
6. The responsibility for seeing that all degree requirements are satisfied rests with the student. Academic advisers, department chairpersons, the Academic Dean and the Registrar are available for counsel and assistance in program planning.
7. Each student must apply for graduation at the time specified by the Registrar. Application forms are available in the Registrar's Office.
8. All degree and course requirements must be completed prior to the anticipated date of graduation (i.e., there may be no incompletes or open courses on the academic record).
9. Satisfactory completion of distribution requirements as follows:
 - A. A course in writing (English 111) or certification of demonstrated proficiency by the Department of English. Exemption tests are administered during the summer and fall orientation periods.

B. An approved course from each of the following seven areas (one course may fulfill the requirement in one area only):

- Mathematics — Physics
- Chemistry — Biology
- Psychology — Sociology
- Economics — Political Science
- History — Philosophy
- English — Speech, Communication & Theater Arts
- Art — Music

C. Students without prior study of a foreign language will complete two courses (111 and 112) of one foreign language. Students who test above 111 level of a foreign language will take one additional course at placement level in that language or two courses (111 and 112) of another foreign language.

D. Three approved courses in religious studies of which not more than one may be an interim course. For transfer students, the number required is one for each year of study (or equivalent) at Augsburg.

E. A course related to urban concerns. Courses approved to meet this requirement are published each term.

F. Two lifetime sports or demonstrated proficiency in two lifetime sports.

Registration

A student must be registered for a course in order to receive credit for it.

A normal load is four courses per semester and one course in the interim. Students registered for three or more

courses in a semester are classified as full-time students. Students must petition and receive permission to register for more than 4.5 courses.

Although a student may register up to two weeks after the semester begins, it is advantageous to register at the regularly scheduled time. A fee is charged for late registration. A fee is also charged for changing registration, i.e., cancelling or adding courses after the first five days of the semester.

Students are urged not to abandon courses for which they are registered. Abandoned courses result in a failing grade. Cancellation of courses or cancellation from College must be done in the Registrar's Office. Cancellations from college and resulting adjustments in accounts are effective as of the date the completed Cancel From College form is returned to the Office of the Registrar.

Students who have completed at least 7 courses with a 2.0 average are classified as sophomores, 16 as juniors, and 25 as seniors.

Probation and Dismissal

A student may be placed on scholastic probation at the end of a term if his or her achievement is unsatisfactory.

FRESHMAN,	below 1.6 or 2 zero grades having taken 6 or fewer courses
SOPHOMORE,	below 1.7 or 3 zero grades having taken 7-15 courses
JUNIOR,	below 1.9 having taken 16-24 courses
SENIOR,	below 2.0 having taken 25 or more courses

If a student has been on probation two or more semesters consecutively, he/she is subject to dismissal at the end of the following spring term. A student who has a poor academic record may be strongly advised to withdraw before the end of the spring term.

Dismissal from the College will not be automatic. Each case will be reviewed by the Committee on Admissions and Student Standing.

A student who has been on probation for two terms and withdraws from the College voluntarily must have special permission to re-enroll.

Evaluation and Grading

Student achievement in courses is measured primarily by means of final examinations. Shorter examinations or tests, written papers, oral reports, and other types of evaluation are also used.

Most courses are graded on a scale of 4.0 to 0 with definitions as follows:

- 4.0 Achieves highest standards of excellence.
- 3.5
- 3.0 Achieves above basic course standards.
- 2.5
- 2.0 Meets basic standards for the course.
- 1.5
- 1.0 Performance below basic course standards.
- .5
- 0. Unacceptable performance (no credit for the course).

Most courses are also offered on a Pass/No Credit system, with P meaning a grade

of 2.0 or better and N meaning no credit and a grade of less than 2.0. On the P/N grading system the grade is recorded but not computed in the grade point average.

A student may count a maximum of eight courses of P toward graduation. For transfer students the maximum is an average of two courses per year. Two courses in the major (except Elementary Education) and one in the minor may be on P/N grading system if approved by the department chairperson.

Sociology 383 and several interim courses are graded only on the P/N grading system. Some education courses are graded only on the P/N system or only on the traditional system. English 111 is graded P or N, or 2.0-4.0/N. Some other courses are graded only P, 1.0, N. Students may select the traditional grading system in most other courses. Students are cautioned to use the P/N grade option with care since some graduate and professional schools do not look favorably on a large number of P-graded courses.

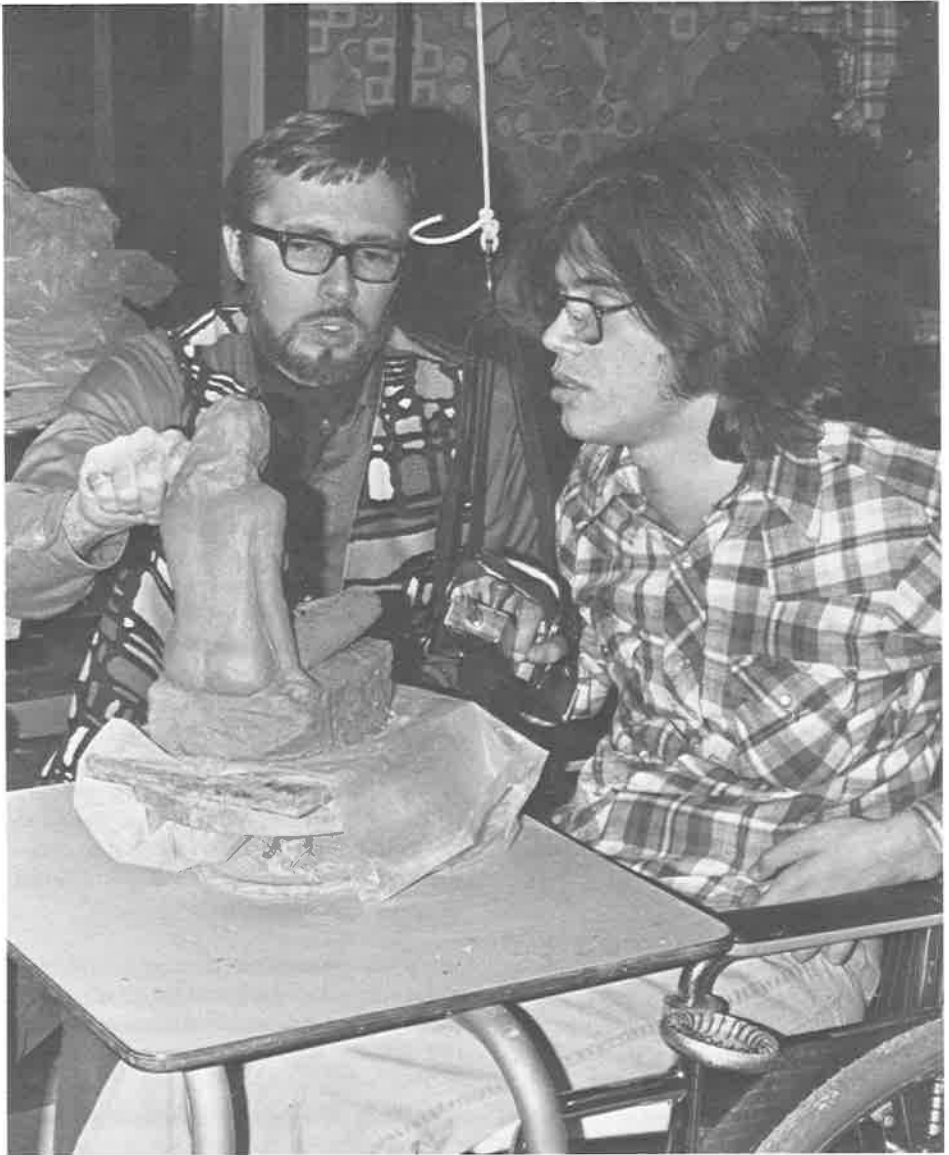
Students must indicate on their registration form those courses which they wish to take on the P/N grading system. Any changes in choice of grading system must be made according to dates published each term. A fee is charged after the first five days of classes.

Music organizations and performance studies, Chemistry Seminar and Lifetime Sports are graded P/0.0.

An incomplete grade (I) may be given only in the case of extreme emergency. To receive an I grade, a student must file a petition with the Committee on Admissions and Student Standing stating the reasons for requesting it, the plan and

date for removing it, and comments from the instructor of the course. If permission to receive an I grade is granted, it must be removed during the following semester. If the incomplete is not removed during

the following semester, it becomes the grade submitted by the teacher along with the incomplete.



A grade of X may be given for an Independent Study or Directed Study course that is to be spread over more than one semester. Such a course must be completed during the second semester or the grade of X will remain on the record.

A course in which a grade of 0, 1.0, 1.5, N, 1, or X has been received may be repeated for credit. All courses taken remain on the academic record. Only the credits and grades earned the second time are counted toward graduation and in the grade point average. Courses in which higher grades have been earned may not be repeated for credit; they may, however, be audited.

Students who wish to take courses without credit or grade may do so by registering for Audit (V). Such students should confer with the professor within two weeks of the beginning of the term to determine expectations, attendance requirement, etc. If expectations have been met, the course will be listed on the student's transcript as having been audited. If expectations have not been met, the course will be listed with a grade of W (withdrawn).

Full-time students may audit a course without charge. The charge for part-time students is listed under Expenses.

Dean's List

The Dean's List is composed of students whose grade point average for a semester is 3.5 or better based on a minimum of three full courses (or equivalent) graded on the traditional grading system, with no incompletes in courses offered for credit. The Dean's List is published in the *Augsburg College Now*, and students receive a

letter of commendation from the Dean of the College.

Graduation with Distinction

Graduation with distinction is determined as follows:

Summa cum laude	3.8 — 4.0	grade average
Magna cum laude	3.6 — 3.79	grade average
Cum laude	3.3 — 3.59	grade average

To qualify for graduation with distinction, transfer students must have completed two years (14 traditionally graded courses) of work at Augsburg.

Independent Study

An opportunity for independent study is offered through many departments. This is available to conscientious students who demonstrate sufficient background and preparation in a given field to carry out work on an independent basis.

Most departments also offer an opportunity for directed study. As the term suggests, this requires considerably more faculty direction than for independent study, and a student is not expected to have as much background as for independent study. Directed study is offered on a lower division level.

Students interested in registering for either independent study or directed study must first secure permission from the faculty who will direct the study.

A student who registers for independent study should normally expect to complete

it in one semester but may extend it into the next term by permission of the instructor. In such cases, a grade of X is given at the end of the first term, and the student will register again for the course in order to receive the final grade.

A maximum of two courses in Independent Study and/or Directed Study may count toward the 35 courses required for the degree.

In the Five College Cooperative Program, students may cross-register for independent studies only when the major field in which the independent study is proposed is not available on their home campus. Requests for exceptions to this policy should be made directly to their own academic dean. The student will be charged for any special costs attached to independent study by the host campus.

Veterans

Augsburg College is approved by the State Approving Agency for Veterans Training.

Veterans should consult with the Office of the Registrar regarding completion of the enrollment certificate and the forwarding of other information to the Veterans Administration.

Students registered for three or more courses are classified as full-time students. It is the responsibility of each veteran to report any change in registration and/or academic load to the Office of the Registrar.

Veterans will be referred to the State Approving Agency after any period of two consecutive terms in which they did not earn a minimum of three courses per term. An incomplete grade (I) may be given only in the case of extreme emergency. See section on Grading. Grade reports are issued to students following each term.

A non-punitive grade which brings a veteran's academic load for the term below three courses will be reported to the Veterans Administration. Veterans will need to meet the requirements of the Veterans Administration regarding repayment of educational assistance funds received.

General Information

Credit by Examination

Students who are interested in earning credit by examinations should consult with department chairpersons or with the Registrar. Credit may be earned through the College Level Examination Program (CLEP) or by comprehensive examinations.

Classification

Sophomore ... 7 courses .. 14 grade pts.
Junior 16 courses .. 32 grade pts.
Senior 25 courses .. 50 grade pts.

To be considered full time for the year, a student must register for at least three courses each of the two semesters and one course during the interim (for a total of seven courses). To be considered full time for a semester, a student must register for at least three courses.

Courses

A full course is offered for one course credit. A few fractional courses (one-half course credit) are offered in the Division of Professional Studies.

A full course has the approximate value of 4 semester credits. A total of 35 courses is required for graduation.



Most courses meet for three sixty-minute periods or two ninety-minute periods a week in addition to laboratories. Each semester is approximately 15 weeks in length.

Unforeseen circumstances may necessitate making changes in course offerings. Courses with inadequate registration may be cancelled. Students should consult the schedule of classes to determine definitely the current course offerings.

Numbering

Courses numbered below 300 are lower division courses; those numbered 300 and above are classified as upper division. In general, courses numbered in the 100's are primarily for freshmen; 200's for sophomores; 300's for juniors; and 400's for seniors. In some departments course numbers also designate areas within the department

Symbol

#Consent of instructor

Total Student Enrollment

Academic Year, 1978-79	1,712
Summer Session, 1979	408

Summary of Graduates

Graduates, 1870-1978	7,290
Graduates, 1979 (August 31, 1978 — May 20, 1979)	337

Course Descriptions

The descriptions of courses listed in the following pages are to be understood as general characterizations of topics to be considered. For a more precise description and clarification of content and requirements for individual courses, please consult the respective instructors of the courses.

Courses and terms listed are subject to change.

Consult Schedule of Classes for precise offerings each term.

See preceding pages for information on numbering and credit value.

The symbol # indicates "by consent of instructor".

American Studies

Director: *Grier Nicholl*

MAJOR: 13 courses including 295 or 495 and 399 or 499, plus 11 courses in U.S. History, Literature and the Fine Arts in the U.S., and Social Sciences in the U.S. (5 courses in one of these areas and 3 in each of the others).*

History of the United States

American Studies, 231, 260
History 221, 222, 331, 332, 353, 495
(*American Emphasis*)
Religion 353, 363

Humanities in the United States

American Studies 232, 265
Art 102, 389
English 241 (also *Speech* 241), 250, 351,
490 and 491 (*American emphasis*)
Philosophy 344

Social Sciences in the United States

Economics 120, 122, 123, 251
Education 478#
Political Science 121, 122, 170, 325, 326,
370, 371, 421
Sociology 111, 373, 381, 383
Social Work 361, 463

**American area oriented courses taken during the Interim, Summer School and at other colleges should be approved by the director for inclusion in the major.*

TEACHING MAJOR: 16 courses. Same as above, plus 3 courses in foreign civilization to be approved by director.

MINOR: 7 courses including 295 or 495 plus 2 courses in each of the above groupings under MAJOR.

231 RELIGION IN AFRO-AMERICAN HISTORY

An examination of selected topics related to the black experience, e.g. African backgrounds, religion under slavery, evangelicalism. Course content subject to change from year to year. Meets one religion requirement. (*Fall*)

232 AFRO-AMERICAN HUMANITIES

Focuses on a significant period of the black experience in urban America, e.g. Harlem Renaissance, post-World War II, with emphasis upon the contributions of

literature, art and music of the period. Course content subject to change from year to year. *(Spring. Offered on demand)*

260 CONTEMPORARY AMERICAN INDIANS

The situation of Indians in the United States since the Indian Reorganization Act (1934) with an emphasis upon current issues, e.g. tribal sovereignty, treaty rights, and education. Examples of the persistence of religious/cultural traditions among selected Indian tribes today. *(Spring)*

265 WOMEN IN AMERICAN CULTURE

Through a discussion of works by women historians and selections from women's journals, speeches, articles, short stories, poems, plays, and other aesthetic creations, the class will collectively assess the position of black and white women in American culture from the founding of the colonies to the present. *(Fall)*

295 TOPICS IN AMERICAN STUDIES

Focuses on a significant problem or

phenomenon in American life. Includes a study of the approaches of several disciplines to the topic and practice in the integration of primary source materials. Occasional use of Twin Cities resource persons and the co-learning model when appropriate to topic. Open to freshmen and sophomores. *(Fall)*

399 INTERNSHIP

A field project of an interdisciplinary nature in area of student's choice. Consult director to determine conditions of contract. Intended for majors only. Others#. *(Fall, Interim, Spring)*

495 TOPICS IN AMERICAN STUDIES

For description, see course 295. Open to juniors and seniors who will do a different level of work *(Fall)*

499 INDEPENDENT STUDY

A research project of an interdisciplinary nature in area of student's choice. Consult with director to determine conditions of contract. Intended for majors only. Others#. *(Fall, Interim, Spring)*

Art

Chairperson: *Philip Thompson*

STUDIO ART MAJOR: 9 studio courses including 107, and 3 art history courses.

TEACHING MAJOR: Same as studio art major but 250 required and 132 recommended.

STUDIO ART MINOR: 4 studio courses including 107, and 1 art history course.

Two required from 118, 221, 223, 225, 250; one from 240, 382, 385, 386, 387, 388, 389.

ART HISTORY MINOR: 5 art history courses including 386, 387, 388.

100, 300 SPECIAL TOPICS Occasional courses dealing with subjects not usually offered by the department.

102 ENVIRONMENTAL AESTHETICS

Fine arts in the urban world setting. Concern for the visual content of experience in the environment leading toward appreciation and criticism. (*Spring 1980*)

STUDIO ART

107 DRAWING

Drawing in pencil, charcoal, ink, and pastels. Subjects include still-life, figures, building interiors and exteriors, and experimental work. (*Fall, Spring*)

118 PAINTING I

Introduction to painting media and technique in acrylic and oil. (*Fall, Spring*)

132 PHOTOGRAPHY

The camera used as a tool for visual creativity and expression with attention to black and white photographic process. Need access to 35 mm. camera.

150 JEWELRY

An introduction to the making of jewelry in copper, brass, pewter, and silver. (*Spring*)

221 SCULPTURE I

An introduction to sculpture. Choice of media: clay, welded steel and bronze, plaster, and stone. (*Fall, Spring*)

223 PRINT MAKING I

Principles and methods of print making in a variety of media including etching, silk-screen and woodcut. (*Fall, Spring*)

225 VISUAL COMMUNICATIONS I

The theory and practice of visual perception and communication using elements such as color, line, shape, texture, and pictorial images. (*Fall, Spring*)

242 FILM MAKING

Film making through practical laboratory experience. Discussion and observation of the expressive and structural elements of film. (*Summer, Interim*)

250 CERAMICS I

An introduction to the making of pottery with an emphasis on handbuilding and glazing. (*Fall, Spring*)

330 VISUAL COMMUNICATIONS II

A study of visual communications in magazines, television, film, advertising symbols, and other mass media. Practice in areas of photography, typography, and illustration. (*Prereq.: 225. Fall, Spring*)

351 CERAMICS II

Advanced work in ceramics with an emphasis on throwing or handbuilding and a continuation of glazing. (*Prereq.: 250. Fall, Spring*)

355 PAINTING II

Advanced study of painting. (*Prereq.: 118. Fall, Spring*)

360 WATER-COLOR PAINTING

Seven weeks of descriptive and experimental drawing followed by seven weeks of water-color painting with emphasis on

the landscape. The functions of perception, structure, and gesture in drawing and transparent water-color. (*Prereq.: 107. Offered alternate years.*)

368 PRINT MAKING II

Advanced work in various media, including silk-screen, etching, and engraving. (*Prereq.: 223. Fall, Spring*)

399 INTERNSHIP

Consult chairman or internship director to determine project.

478 SCULPTURE II

Advanced work in sculpture. Choice of media: clay, welded steel and bronze, plaster, and stone. (*Prereq.: 221. Fall, Spring*)

499 INDEPENDENT STUDY

Advanced study in area of the student's choice, intended for senior art majors. (*Fall, Spring*)



ART HISTORY

240 ART HISTORY SURVEY

A survey of art from prehistoric to modern times. Includes reading, research, viewing of slides, visits to museums. (Offered 1980-81)

382 SCANDINAVIAN ARTS

Survey of the visual arts in Scandinavia from pre-history to modern times. (1982-83)

385 PREHISTORIC AND ANCIENT ART

The art of the Ice Age through the Roman period to the 4th Century A.D. (Offered 1980-81)

386 MEDIEVAL ART

Early Christian through late Gothic and

proto-Renaissance painting, sculpture, and architecture in Europe. (Offered 1982-83)

387 RENAISSANCE AND BAROQUE ART

European painting, sculpture, and architecture through the 18th century. (Offered 1981-82)

388 19TH AND 20TH CENTURY ART

European painting, sculpture, and architecture from Neoclassicism through the present. (Offered 1981-82)

389 AMERICAN ART

A study of early colonial art through contemporary American art, with specific emphasis on 19th and 20th century art and its relationship to European art as well as indigenous movements.(1980-81)

Biology

Chairperson: *Neal Thorpe*

MAJOR: Option One: 7 courses, including 111, 112, 491 and at least one course from each of the following three groups: 351, 353, 361 (Group I); 355, 473, 474 (Group II); 440, 471, 476 (Group III); Chemistry 115, 116 (or 105, 106), 351, 352; Mathematics 124, 125; Physics 121, 122 also required. Students intending to enter graduate school should ordinarily choose this major.

MAJOR: Option Two: 9 courses, including 111, 112, 491 and at least one course from each of the following five groups: 351, 353 (Group I); 355, 474

(Group II); 361, 481 (Group III); 471, 473 (Group IV); 440, 476, (Group V); Chemistry 115, 116 (or 105, 106), 223 (or 351, 352) also required. Students who plan to teach in secondary schools often select this major. Licensure for teaching after July, 1979, also requires three courses in earth and life sciences. Students are advised to consult with the Education Department early in their planning.

MINOR: 5 courses, including 111, 112 and three upper division courses. Chemistry 115, 116 (or 105, 106) also required.

PRE—MEDICAL BIOLOGY MAJOR: The same as Option I major. In addition,

medical schools usually require Chemistry 353 (*Quantitative Analytical Chemistry*).

HONORS MAJOR: GPA of 3.5 in biology and 3.0 overall; active participation in seminar; one course of approved independent study with an oral defense of the research report. Application for the honors major should be made no later than the first term of the senior year.

101 HUMAN BIOLOGY

Basic biological concepts from an anthropocentric point of view. An attempt to answer such questions as: What makes man just another member of the biotic fold? Does man have a niche in the ecosystem? What influence does man have on the environment? What influence does the environment, especially the urban environment, have on man? (3 hours lecture, 1-1/2 hours laboratory. A student may not receive credit for both Biology 101 and 103. Does not apply to the major or minor).

103 HUMAN ANATOMY AND PHYSIOLOGY

A professional course in the structure and function of the human body. Lecture and laboratory. (Fall for nursing and certain other paramedical students, or #; Spring for Physical Education, Music Therapy and other interested students. A student may not receive credit for both Biology 101 and 103. Does not apply to the major or minor).

105 BIOLOGY AND SOCIETY

What are some of the biologically-based problems with which our society must

deal? What threats are posed by pollution, the prospect of war, and by shortages of food, water and non-renewable resources? What are the implications of genetic research, scientific racism, socio-biology, and inequities in the delivery of health care? (3 hour lecture. Does not apply to the major or minor. Spring)

108 MICROBIOLOGY

Basic microbial features are considered as well as applications of microbiology to the fields of medicine and sanitation. (3 hours lecture, 3 hours laboratory. For student nurses, health majors, or #. Prereq.: Chemistry 103. Spring. Does not apply to the major or minor).

109 SPECIAL TOPICS IN BIOLOGY

Offered periodically through Augsburg's Conservation of Human Resources (CHR) program. Generally conducted off campus with community people taking the course together with college students in a co-learning model. Topics will vary depending upon needs and interest. Applies towards the Natural Science requirement.

111, 112 GENERAL BIOLOGY

A comprehensive introduction to biological science. For biology and other science majors. The course includes an introduction to molecular biology, cellular biology, genetics, developmental biology, evolutionary mechanisms, anatomy, physiology, ecology, and phylogenetic relationships of organisms. Must be taken in sequence except by permission of instructor. (3 hours lecture; 4 hours laboratory. 111, Fall; 112, Spring)

323 EXPERIMENTAL HUMAN PHYSIOLOGY

A laboratory-based course in which the principles of human function are learned by experimentation and class discussion of the theory and results. Clinical applications will also be considered. Intended for students in nursing, medical technology, corrective therapy, health, physical education and related programs as well as biology majors (primarily Option II). (3 hours lecture-discussion, 4 hours laboratory. Prereq.: 103 or 112. Fall, 1980. Offered alternate years.)

351 INVERTEBRATE ZOOLOGY

A study of the invertebrate groups stressing classification, morphology, behavior, life history, and evolutionary relationships. (3 hours lecture, 4 hours laboratory. Prereq.: 112. Spring, 1981 and alternate years).

353 COMPARATIVE VERTEBRATE ZOOLOGY

A comparative study dealing with the classification, morphology, distribution, evolution, behavior and population dynamics of the vertebrates. (3 hours lecture, 4 hours laboratory. Prereq.: 112. Spring)

355 GENETICS

The principles of heredity with emphasis on recent advances in human genetics. Laboratory work stressing *Drosophila* genetics. (3 hours lecture, 4 hours laboratory. Prereq.: 112, Spring)

361 PLANT BIOLOGY

A survey of the major divisions of the plant kingdom including the study of anatomy, physiology, life histories, taxonomy and ecology. (3 hours lecture, 4 hours laboratory. Prereq.: 112, Fall)

367 BIOCHEMISTRY

An introductory consideration of the chemistry of proteins, carbohydrates, lipids and nucleic acids including intermediary metabolism. (3 hours lecture. Prereq.: 112, Chemistry 352 or #. Fall)

440 PLANT PHYSIOLOGY

A consideration of the chemical and physical mechanisms involved in photosynthesis, respiration, growth and development, and water relations in vascular and nonvascular plants. The relationships of these processes to plant structures. (3 hours class, 4 hours laboratory. Prereq.: 112. Spring, 1980 and alternate years)

471 CELLULAR BIOLOGY

A study correlating cell function with ultrastructure. Laboratory work includes microtechnique, cytological studies, cell physiology and tissue culture. (3 hours class, 4 hours laboratory. Prereq.: 112, 367 or #. Spring)

473 ANIMAL PHYSIOLOGY

A study of animal function with emphasis on the vertebrates. Wherever possible, functions are explained on the basis of physical and chemical principles. (3 hours class, 4 hours laboratory. Prereq.: 112; Chemistry 106 or 116; Physics 103 or 122 or #. Fall, 1979; offered alternate years.)

474 DEVELOPMENTAL BIOLOGY

A consideration of the physiological and morphological changes which occur during the development of organisms with emphasis on the vertebrate animals. Experimental as well as descriptive studies are included in the laboratory work. In addition to embryonic development, the topics of malignancy, aging, and regeneration are discussed. (3 hours class, 4 hours lab. Prereq.: 112. Spring)

476 MICROBIOLOGY

An introduction to the study of microorganisms with emphasis on bacteria and viruses. Microbial taxonomy, morphology, physiology, genetics, and pathogenicity are considered as well as certain methods. (3 hours class, 4 hours laboratory. Prereq.: 112, 367 or #. Fall)

481 ECOLOGY

A survey of representative biological communities; the study of reciprocal relationships between organisms and their environments. (3 hours class. 4 hours laboratory, some Saturday field trips. Prereq.: 112, 367 or #. Fall)

491 SEMINAR

Oral presentations and written papers relating to recent biological literature and research. (For seniors majoring in biology)

499 INDEPENDENT STUDY

Individual laboratory, field, or library research under the direction of an instructor. Intended for biology majors who are juniors or seniors. (Prereq.: 112, and previous arrangement with instructor. Fall, Interim, Spring, Summer)

Business Administration and Economics

BUSINESS ADMINISTRATION

Chairperson: *Edward M. Sabella*

MAJOR IN ACCOUNTING: 9 Business Administration courses (101, 102, 131, 261, 262, 263, 379, 381, and 483 or 484); 4 Economics courses (122, 123, 251, and one from 258, 391, 392). At least three upper division courses are required. For those planning careers in accounting, completion of the two remaining courses in the sequence 381, 382, 483, 484 is recommended. Courses in data processing and computer programming are strongly recommended.

MAJOR IN FINANCE: 9 Business Administration courses (101, 102, 131, 261, 262,

373, 379, 478, and one from 381, 382, 483; 4 Economics courses (122, 123, 251, and one from 258, 391, 392). At least five upper division courses are required. Economics 392, Mathematics 114 and courses in data processing and computer programming are strongly recommended.

MAJOR IN MANAGEMENT: 10 Business Administration courses (101, 102, 131, 145, 250, 261, 340, 379, 440, and 373 or 478; 5 Economics courses (122, 123, 251, 340, 445); Philosophy 120; Psychology 371, 373; Sociology 241 and 375 or 383; Speech 111 or English 223; Communications 354 or 355. Math. 114 is strongly recommended.

MAJOR IN MARKETING: 9 Business Administration courses (101, 102, 131, 135,

250, 261, 330, 379, 430); 5 Economics courses (122, 123, 251, 258, 445); Philosophy 120; Speech and Communications 351 or 352 and also 353. Mathematics 114 is strongly recommended.

Majors in Marketing and Management are strongly encouraged to take other courses offered in the department in addition to those listed above.

NOTE: The department is currently planning to introduce a new major in management information systems.

In addition to the courses listed below, these are offered under Business Administration 295, 495 Topics: Research Methods for Economics and Business, Computer Simulation for Business, Income Taxes for Individuals, and Computer Applications.

MINOR: 6 courses, including Business Administration 101, 102, and one of 261, 373, 379, 478; and one of 262, 379, 381; and Economics 122 and 123.

HONORS MAJOR: GPA of 3.50 in the major and 3.0 overall; a senior thesis and comprehensive oral examination in the major field of concentration.

C.P.A. CERTIFICATION: Graduates who wish to take the Certified Public Accountants (C.P.A.) examination prior to fulfilling the experience requirement must have completed the major in Business Administration-Accounting, taken all accounting and business-law courses offered, fulfilled the Mathematics-Physics general college requirement by taking mathematics, and completed at least 5 courses but not more than 12 courses of related business subjects (Economics,

Finance and Mathematics). Students who have completed the above requirements are qualified under the rules of the Minnesota State Board of Accountancy to sit for the examination immediately after graduation.

Students who plan to major in the department are strongly encouraged to select a department advisor as soon as possible, in order to carefully plan their program of study.

101 PRINCIPLES OF FINANCIAL ACCOUNTING

Introduction to business activities, basic concepts and fundamentals of accounting, the accounting cycle and preparation of financial statements. (*Fall, Interim, Spring*)

102 PRINCIPLES OF MANAGERIAL ACCOUNTING

Introduction to business activities, basic concepts and fundamentals of managerial accounting. Planning and controlling processes, decision-making and behavioral considerations. (*Prereq.: 101, Fall, Interim, Spring*)

131 BUSINESS LAW

Legal rules relating to contracts, agency, negotiable instruments, property and business organizations under the Uniform Commercial Code. (*Spring*)

135 INTRODUCTION TO MARKETING

Principles of basic policy and strategy issues in marketing. Legal, ethical, competitive, behavioral, economic and technological factors as they affect product, promotion, marketing channel and pricing decisions. (*On Demand*)

145 FUNDAMENTALS OF MANAGEMENT

Development of the theory of management, organization, staffing, planning and control. The nature of authority, accountability and responsibility, analysis of the role of the professional manager. (*On Demand*)

250 DATA PROCESSING

An introduction to COBOL and other non-scientific programming languages. Does not apply toward a major or minor in economics. (*Fall, Interim, Spring; Laboratory Fees*)

261 FUNDAMENTALS OF FINANCE

Theory of acquisition, allocation, and management of funds within the firm; sources and uses of long and short term funds, cost of capital, capital budgeting, leverage, dividend policy, and related topics. (*Prereq.: 101, 102, Fall*)

262 INTERMEDIATE ACCOUNTING I

An analysis of accounting theory pertaining to financial statements, income concepts, capital stock and surplus accounts, current and long-term assets. (*Prereq.: 101, 102, Fall*)

263 INTERMEDIATE ACCOUNTING II

An analysis of accounting theory pertaining to investments, tangible and intangible fixed assets, liabilities and reserved, actuarial topics. Additional emphasis on income determination considering price level changes. (*Prereq.: 262, Spring*)

330 MARKETING RESEARCH AND ANALYSIS

Research process as an aid to decision making in marketing management; re-

search methodology; marketing research results; evaluation of the effectiveness of research in marketing. (*Prereq.: Bus. Ad. 135 or consent of instructor. On Demand*)

340 PERSONNEL ADMINISTRATION

Personnel function in business, acquisition and utilization of human resources; desirable working relationships; effective integration of the worker with the goals of the firm and society. (*Prereq.: Bus. Ad. 145 or consent of instructor. On Demand*)

373 FINANCIAL MANAGEMENT: THEORY AND CASES

Advanced financial theory: a systems approach to financial structure and policy. Emphasis on decision-making, presentation through literature, readings, lectures and case material. (*Prereq.: 261, Spring*)

379 QUANTITATIVE METHODS FOR ECONOMICS AND BUSINESS

An introduction to quantitative reasoning, descriptive measures, probability, sampling distributions, inference and estimation with emphasis on their use in applied problems in business and economics. (*Prereq.: High School Algebra. Fall*)

381 MANAGERIAL COST ACCOUNTING

Accounting tools for planning and control of economic activities. Planning, budgeting, standard cost systems, as well as other quantitative and behavioral topics. (*Prereq.: 101, 102. Spring*)

382 TAX ACCOUNTING

The more common and important provisions of federal income taxes for individuals and various forms of business enterprises. (*Prereq.: 101, 102. Spring. Offered alternate years.*)

399 INTERNSHIP PROGRAM

A student may receive course credits through an internship program which is applicable to graduation, but not to the major. This program will afford the student the opportunity to spend one full term working with some industrial organization. In addition the student will write a report on his or her activities. (Prereq.: #. Fall, Interim, Spring, Summer. Cannot be taken in Interim only).

430 MARKETING MANAGEMENT

Integration of marketing with other business functions; marketing management and decision making, planning marketing programs, channels of distribution, pricing, product selling and promotion policies. (Prereq.: Bus. Ad. 330 or consent of instructor. On Demand)

440 OPERATIONS MANAGEMENT

Concepts and principals related to the management of operating functions. Examples from service industries, non-profit organizations and manufacturing. Taught from a managerial point of view. Topics include: an overview of operations, planning operation processes, productivity measurement, standards, forecasting, concepts of quality, inventory management, principles of scheduling, and operational control information systems. (Prereq.: Junior or Senior or consent of instructor. On Demand)

478 INVESTMENTS AND FINANCIAL INSTITUTIONS

Appraisal of the risk/return relationships of various types of securities from the

viewpoint of both individual and institutional investors. Extensive coverage of capital markets and portfolio management. (Prereq.: 261. Economics 392 is strongly recommended. Fall)

479 INTERMEDIATE QUANTITATIVE METHODS FOR ECONOMICS AND BUSINESS

Provides the opportunity to become familiar with statistical research methods through use of the electronic computer. This course stresses the understanding of statistical methods and computer programming techniques. The materials to be presented in the course are: Computer Programming Techniques; Statistical Methods: General Linear Models, Analysis of Variance, etc. (Prereq.: Bus. Ad. 379 or equivalent or consent of instructor. No lab fee. Spring, On Demand)

483 AUDITING

Internal and external auditing procedures. Emphasis on internal checks and controls for accounting systems. (Prereq.: 263. Fall)

484 ADVANCED ACCOUNTING

Accounting for business combinations, governmental accounting, partnership accounting and fund accounting. (Prereq.: 263. Fall, Spring. Offered alternate years.)

295, 495 TOPICS

Lectures, discussions, meetings with members of the staff or visiting faculty regarding research methodology and readings in the areas of Accounting, Finance or General Business. (Prereq.: #. Fall, Interim, Spring)

499 INDEPENDENT STUDY

The student may earn independent study credits through individually supervised projects designed to afford him or her the opportunity to analyze some topic or issue in depth. (*Prereq.: #. Fall, Spring*)

ECONOMICS

MAJOR IN ECONOMICS: 8 Economics courses (including 122, 123, 251, 258, 454); Business Administration 101, 102, 379; Mathematics 114. Mathematics 373 may be substituted for Business Administration 379. The complete calculus sequence is very strongly recommended for those planning graduate study in economics. In addition, Mathematics 114 and courses in data processing and computer programming are strongly recommended.

MAJOR IN APPLIED ECONOMICS:

9 Economics courses (122, 123, 251, 258, 454 and 445 or 453 and three other upper division); Business Administration 101, 102, 379, 479; Philosophy 130; Mathematics 124, 125, 215, 224, 314. Mathematics 211 is strongly recommended. Mathematics 373 may be substituted for Business Administration 379. The student is strongly encouraged to take other Economics courses in addition to those listed above.

COMBINED MAJOR IN ECONOMICS —

BUSINESS ADMINISTRATION: 5 Economics courses (including 122, 123, 251, 258); 6 Business Administration courses (including 101, 102, 261, 373, 379). Courses in data processing and computer programming are highly recommended. The student is very strongly encouraged to take additional courses both in business administration and economics.

NOTE: In addition to the courses listed below these topics are offered under 295, 495 **Topics: Consumer Economics, History of Economic Thought, Research Methods for Economics and Business and Advanced Economic Theory.**

MINOR: Economics 122, 123, 251, 258 and one other upper division economics course.

HONORS MAJOR: GPA of 3.50 in the major, and 3.0 overall; a senior thesis and comprehensive oral examination in the major field of concentration.

Economics 120, 122 and 123 will satisfy general education requirements.

Economics 120 will satisfy the urban concerns requirement.

Students who plan to major in the department are strongly encouraged to select a department adviser as soon as possible, in order to carefully plan their program of study.

120 ECONOMICS OF URBAN ISSUES

Study of economic implications of many problems facing a metro-urban environment. Some of the topics to be discussed are: Population "Crisis", Crime Prevention, Ecology and Income Distribution; Distributing Free Bread; Mass Transit Systems, etc. Fundamental micro-economic tools introduced to facilitate discussion of the above-mentioned topics.

NOTE: Economics 120 is a basic course designed for those students who do not plan to major in Economics or Business Administration. It does not apply toward an Economics major or minor. Students

who plan to major in Business Administration and/or Economics should instead enroll in 122 and 123, which also are open to non-majors. (*Fall, Interim, Spring*)

122 PRINCIPLES OF ECONOMICS (MACRO)

An introduction to macroeconomics; national income analysis, monetary and fiscal policy, international trade, economic growth. Application of elementary economic theory to current economic problems. May be taken independently of Economics 123 or 120. Economics 122 and 123 may be taken in either order, or may be taken in the same term in order for the student to progress more rapidly to the other courses. (*Fall, Interim, Spring*)

123 PRINCIPLES OF ECONOMICS (MICRO)

An introduction to microeconomics, the theory of the household, firm, market structures and income distribution. Application of elementary economic theory to market policy. May be taken independently of Economics 122 or 120. Economics 122 and 123 may be taken in either order, or may be taken in the same term in order for the student to progress more rapidly to other courses. (*Fall, Interim, Spring*)

250 DATA PROCESSING

An introduction to COBOL and other non-scientific programming languages. Does not apply toward a major or minor in economics. (*Fall, Interim, Spring; Laboratory Fee*).

251 INTERMEDIATE MICRO- ECONOMICS

Theory of resource allocation, analysis of consumer behavior, firm and industry;

the pricing of factors of production and income distribution; introduction to welfare economics. (*Prereq.: 123, Fall, Spring*)

258 INTERMEDIATE MACRO- ECONOMICS

Determinants of national income, employment and price level analyzed via macro-models. Attention paid to areas of monetary-fiscal policy, growth and the business cycle. (*Prereq.: 122, Fall*)

340 MANAGERIAL DECISION MAKING

Provides a sound conceptual understanding of the modern techniques of management science to prepare students to make better business and economic decisions. Emphasis is on applications, which are taken from the areas of transportation, marketing, portfolio selection, environmental protection, the shortest route, inventory models, information systems, etc. (*Prereq.: Econ. 123, Bus. Ad. 101 and high school algebra or equivalents. Spring, On Demand*)

379 QUANTITATIVE METHODS FOR ECONOMICS AND BUSINESS

See under Department of Business Administration.

391 PUBLIC FINANCE

Analysis of the principles of taxation and public expenditures; the impact of fiscal policy on economic activity; debt policy and its economic implications. (*Prereq.: 122, 123, Fall*)

392 MONEY AND BANKING

Functioning of the monetary and banking systems, particularly commercial banks, the Federal Reserve System and its role in relation to aggregate economic activity. Emphasis placed on monetary theory and policy. (*Prereq.: 122, Spring*)

399 INTERNSHIP PROGRAM

A student may receive course credits through an internship program which is applicable to graduation but not to the major. This program will afford the student the opportunity to spend some time working with some organization. In addition, the student will write a report on his or her activities. (Prereq.: #. Fall, Interim, Spring, Summer. Cannot be taken in Interim only)

442 LABOR ECONOMICS

Analysis of labor markets; labor as a factor of production; determination of wage- collective bargaining; labor legislation and effects upon society. (Prereq.: 251 or #. On Demand)

445 MANAGERIAL ECONOMICS

Integrates economic theory and corresponding practices in business. Among the topics considered are theories and practices in forecasting, estimation of demand and cost functions, price and non-price competition, production and cost considerations, and an analysis of economic problems of relevance to management. (Prereq.: Econ. 251 or equivalent or consent of instructor. Spring, On Demand)

453 MATHEMATICAL ECONOMICS

Mathematical economics with emphasis on the application of mathematical tools to the areas of micro and macro economic theory. (Prereq.: Econ. 251, 258 and at least Math. 122 or equivalent or consent of instructor. On Demand)

454 WELFARE ECONOMICS

Basic concepts and propositions; Pareto optimality, economic efficiency of alternative market structures; social welfare functions; normative concepts of economic theory. (Prereq.: 251 or #. Spring, alternate years)

479 INTERMEDIATE QUANTITATIVE METHODS FOR ECONOMICS AND BUSINESS

Provides the opportunity to become familiar with statistical research methods through use of the electronic computer. This course stresses the understanding of statistical methods and computer programming techniques. The materials to be presented in the course are: Computer Programming Techniques; Statistical Methods: General Linear Models, Analysis of Variance, etc. (Prereq.: Bus. Ad. 379 or equivalent or consent of instructor. No lab fee. Spring, On Demand)

295, 495 TOPICS

Lectures, discussions, meetings with members of the staff or visiting faculty regarding research methodology and current national and international economic problems and policies. (Prereq.: #. Fall, Interim, Spring).

499 INDEPENDENT STUDY

The student may earn independent study credits through individually supervised projects designed to afford him or her the opportunity to analyze some topic or issue in depth. (Prereq.: #. Fall, Spring)



Chemistry

Chairperson: *Earl Alton*

GRADUATION MAJOR IN CHEMISTRY:

115, 116, (or 105, 106) 351, 352, 353, 361 and one advanced course which may include Biochemistry; participation in seminar. Physics 121, 122 and Mathematics 124, 125 also required. Since upper division courses have mathematics and physics prerequisites, students should plan to take Mathematics 124, 125 in the freshman year; and Physics 121, 122 in the sophomore year.

AMERICAN CHEMICAL SOCIETY APPROVED MAJOR:

11 courses including 115, 116 (or 105, 106) and all chemistry courses above 350. Chemistry seminar participation; Mathematics 224; and Physics 121, 122 (which should be taken during the sophomore year). Reading ability in German equivalent to one semester also required.

MINOR: 5 courses which must include 115, 116 (105, 106) and 3 additional courses in chemistry. Chemistry 223, 353, and 361 are recommended; biochemistry may be substituted for 361.

TEACHING MAJOR: PHYSICAL SCIENCE EMPHASIS — CHEMISTRY MAJOR:

Recommendation for licensure in Physical Science requires general chemistry (115, 116 or 105, 106); 3 courses in earth and life sciences; Chemistry 351, 352, 353, 361, 362, 482, 491 (Biology 367 may be substituted for 362); Physics 245. Students are advised to consult with the Education Department early in their planning.

PRE-MEDICAL CHEMISTRY MAJOR: The same as the graduation major. In addition, medical schools expect at least two courses (and usually more) in biology. Students should consult members of the chemistry department for assistance in planning a course program early in their college career.

DEPARTMENTAL HONORS: Full ACS major; average of 3.5 in chemistry, mathematics, and physics; 3.0 over-all; one summer or course of approved research; participation in seminar.

Credit will not be granted for both 105 and 115; 106 and 116; 223 and 351, 352.

Concerning prerequisites: Most courses in this department have prerequisites, courses that must be completed before enrolling in the given course. A prerequisite must be completed with a grade of 2.0 or higher in order to count. Otherwise, permission of the instructor is necessary. These requirements must also be met when using the first term of a two-term course in registering for the second term.

103 ELEMENTARY CHEMISTRY

Designed for nurses at Lutheran Deaconess Hospital. Selected elements of general, organic, and biological chemistry around the theme: the molecular basis of life. Does not apply toward the major. (*Credit cannot be earned for both Chem. 103 and any one of Chem. 105, 106, 115, 116, 223, 351, 352, or Biol. 367.*) (3 one-hour lectures, 1 two-hour laboratory. *Pre-req.: high school chemistry within last 3 years or #. Fall*)

105, 106 PRINCIPLES OF CHEMISTRY

Somewhat less rigorous than 115, 116; designed especially for students who will not major in chemistry, although students may go from 106 into 351, 353. Concepts and laws underlying chemistry illustrated by a variety of examples including organic and environmental systems. (3 one-hour lectures, 3 hours of laboratory. 105, Fall; 106, Spring)

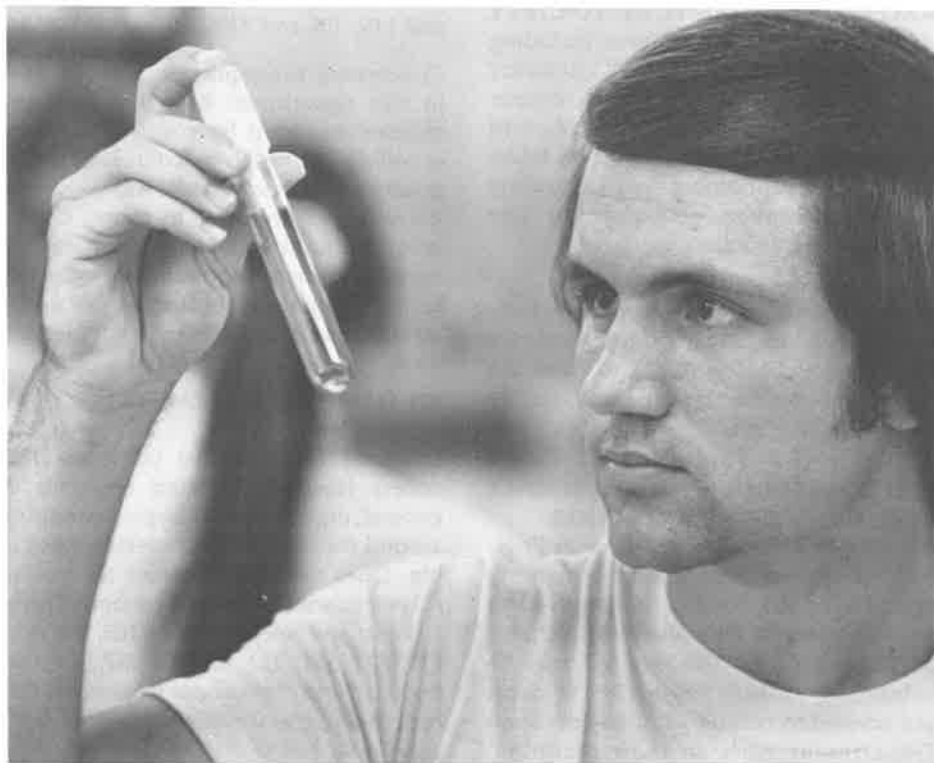
115, 116 GENERAL CHEMISTRY

An intensive course for pre-medical students and future chemists. First semester includes chemical equations and calculations, energetics, and bonding theory with examples from inorganic chemistry.

The second emphasizes equilibrium and solution chemistry including kinetics and electrochemistry. (One-hour lectures, 3 hours laboratory. Prereq.: high school chemistry, algebra, plane geometry. 115 Fall, 116 Spring)

223 ELEMENTARY ORGANIC AND BIOLOGICAL CHEMISTRY

Designed for non-chemistry majors and those in allied health science programs whose professional goals do not require either the two-term organic or the one-term biochemistry course. The organic chemistry most relevant to a survey of biochemistry is studied, followed by the structures and metabolic reactions of carbohydrates, lipids, proteins, nucleic



acids, enzymes and certain hormones. (3 one-hour lectures, 1 three-hour laboratory. Cannot serve as a prerequisite for Biol. 367. Credit cannot be earned for both Chem. 223 and any one of Chem. 103, 351, 352, or Biol. 367. Prereq.: 105 or 115, Spring)

351, 352 ORGANIC CHEMISTRY

Important classes of organic compounds with special emphasis on mechanisms and multi-step synthesis. Descriptive material is correlated by means of modern theories of chemical bonds, energy-relations, and reactor mechanism; many applications of organic chemistry to biological, environmental and industrial fields. (3 one-hour lectures, one 4-hour laboratory. Prereq.: 106 or 116, 351 Fall; 352, Spring)

353 QUANTITATIVE ANALYTICAL CHEMISTRY

Covers gravimetric and volumetric analysis and solution equilibrium in detail and gives an introduction to spectrophotometric techniques of analysis. The laboratory involves quantitative analysis of a variety of samples, and includes trace analysis. (Prereq.: 106 or 116. Spring)

361, 362 PHYSICAL CHEMISTRY

The basic theoretical concepts of chemistry: thermodynamics, kinetics, quantum theory, and states of matter are studied in the first semester. Applications of these concepts to areas of molecular structure, equilibria and electrochemistry in the second semester. (3 one-hour lectures, one 4½-hour laboratory. Prereq.: 353; Physics 121, 122; Mathematics 124, 125. 361, Fall; 362, Spring)

464 ADVANCED ORGANIC CHEMISTRY

Organized around the problems of identifying organic compounds in the laboratory. Lecture topics include structure-spectra correlations for IR, UV, NMR, and mass spectroscopy; use of the literature (including *Beilstein*); and further study of organic reactions. Infrared, nuclear magnetic resonance, and ultraviolet spectra routinely used. (3 hours lecture, 6 hours laboratory. Prereq.: 352, 353, 351 or #; some reading knowledge of German. Spring)

481 ADVANCED ANALYTICAL CHEMISTRY

Emphasis upon advanced equilibrium theory and principles of atomic and molecular spectroscopy as applied to analytical methods as well as chromatographic and electroanalytical techniques of analysis. (3 hours lecture, one 4½-hour laboratory. Prereq.: 353, 362, or #. Fall)

482 ADVANCED INORGANIC CHEMISTRY

Correlation of inorganic reactions using the electrostatic, valence bond, and molecular orbital models. Coordination chemistry is discussed in terms of ligand field theory. The laboratory involves preparations of inorganic compounds using a variety of techniques. (3 one-hour lectures, 1 three-hour laboratory. Prereq.: 362 or #. Spring)

483 QUANTUM CHEMISTRY

Presents quantum theory in terms of *Schrodinger's* wave equation and uses the equation to solve the problems of the

harmonic oscillator and the hydrogen atom. Approximate solutions are introduced and used to develop molecular orbital theory for molecules. Includes commutators, electron spin, angular momentum and group theory. (3 one-hour lectures. Prereq.: 361 or #. Fall)

497 INTRODUCTION TO CHEMISTRY RESEARCH

Chemistry majors planning research careers need research experience before graduation. Such experience may be obtained by working on a summer research project in the department (not counted as a course) or by research participation during the academic year (which may be counted as a course). (*Junior standing*).

491 CHEMISTRY SEMINAR

This seminar, which has no course credit, is a weekly meeting of chemistry majors under the direction of the Augsburg Chemistry Society. Juniors and seniors are expected to participate, with seniors presenting papers. Outside visitors are occasionally invited to participate.

499 INDEPENDENT STUDY

Chemistry majors who are interested in non-laboratory research such as theoretical or historical chemistry may pursue their interest via independent study. (*Junior Standing*)

East Asian Studies

Coordinator: *Khin Khin Jensen*

The major in East Asian Studies is a cooperative program of the Associated Colleges of the Twin Cities (ACTC). This program enables students to obtain a broad exposure to Japan and China as important world cultures. Components of the program include language, history, cultural specialization, comparative studies, and seminar work or independent studies.

Requirements for the major consist of a minimum of ten courses, distributed as follows:

- 4 courses in Japanese or
- 4 courses in Chinese
- 2 introductory history courses
- 2 courses in cultural specialization or comparative studies
- 2 seminars or independent studies

Each student's major program must be submitted to the coordinator for approval.

Economics

Chairperson: *Edward M. Sabella*

See under Business Administration and Economics.

Education

Chairperson: *Lauretta E. Pelton*

Augsburg College offers programs leading to licensure in Education at these levels: Elementary Education, Kindergarten, Early Childhood, and Secondary Education.

Licensure programs for secondary education are offered in the following areas: American Studies, Art, Biology, Chemistry, English-Language Arts, French, German, Health, History, Mathematics, Music, Physical Education, Physics, Social Studies, Spanish, Speech, and Theater Arts.

Students wishing to become licensed teachers are advised to consult with the Education Department for licensure requirements.

The courses, Orientation to Education, both elementary and secondary, are open to all students of sophomore standing or above. To enroll in other education courses, a student must first apply and be admitted to the teacher-education program. Students are advised to apply for admission in the spring semester of the sophomore year, during or after the Orientation course. Students who are transferring from an education program at another college must be re-admissible to that program.

ELEMENTARY EDUCATION

Coordinator: *Marie McNeff*

Requirements for the major and for licensure in Elementary Education:

1. A minimum of 8 education courses to include 255, 351, and two professional semesters: 361, 362, 371 (1/2), 372 (1/2), 373 (1/2), 374 (1/2); and 481, 482 and electives.
2. Health Education 114 and 115.
3. Library Science 341 (1/2), 358
4. An academic minor. An academic major is recommended.
5. GPA of 2.0 overall and maintain at least a 2.5 average in the major.
6. Fulfill State Department of Education's EDU 521 Regulation in Human Relations.

Requirements for Kindergarten License are the same as those for elementary education plus Education 375 and 483.

Courses 371, 372, 373, 374 are offered on a traditional grading system only.

EARLY CHILDHOOD EDUCATION

Bobbie Anderson, Coordinator

Requirements for license in Early Childhood Education are the same as those for Elementary Education plus the following courses:

- | | |
|------------|--|
| Soc 231 | Sociology of the Family |
| Psych. 351 | Developmental Psychology: Child |
| Ed. 325 | Contemporary Influences in Early Childhood Education |
| Ed. 425 | Early Childhood Curriculum |
| Ed. 484 | Student Teaching (160 hours) |

For an Early Childhood License with other than an education major, consult with the Early Childhood Education Coordinator.

255 ORIENTATION TO EDUCATION IN URBAN SETTING (ELEMENTARY)

Investigation of various aspects of the teaching profession and opportunity for in-school work. Open to all students. (Prereq.: *sophomore standing or above. Fall, Spring*)

325 CONTEMPORARY INFLUENCES IN EARLY CHILDHOOD EDUCATION

Focus is upon the young child as a person and the importance of the early years of his/her life in relation to the effects of present-day society and culture upon the child. Current developments include innovations, Head Start, implementation of planned variations, and other interventions and compensatory programs. Class sessions and two hours per week of lab. experience in a day care center and/or nursery school. (Spring)

341 MEDIA TECHNOLOGY (½ course)

(See Library Science)

351 TECHNIQUES OF TEACHING READING

The study and utilization of a variety of techniques and resources in the teaching of reading at both secondary and elementary level. (Fall)

First Professional Semester (for juniors): Courses 361, 362, 371, 372, 374.

361, 362 CREATING LEARNING ENVIRONMENTS: ELEMENTARY

The mastery of theories and their applications for teaching in learning settings. Laboratory experiences. (Prereq.: 255 or #. Spring)

371 ELEMENTARY CURRICULUM: Art, Music (½ course)

Examination and preparation of materials and resources for art and music taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 361, 362. Spring)

372 ELEMENTARY CURRICULUM: Science, Mathematics (½ course)

Examination and preparation of materials and resources for science and mathematics taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 361, 362. Spring)

373 ELEMENTARY CURRICULUM: Phys. Ed., Health (½ course)

Examination and preparation of materials and resources for physical education and health taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265. Fall)

374 ELEMENTARY CURRICULUM: Social Studies, Language Arts (½ course)

Examination and preparation of materials and resources for social studies and language arts taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 361, 362. Spring)

375 DISCOVERY IN THE WORLD OF KINDERGARTEN

A study of the kindergarten curriculum, exploration of materials, and review of teaching approaches. The course requires laboratory experience. Required for

Kindergarten licensure. (*Prereq.: Orientation to Ed. and acceptance into the Dept. of Ed. Summer I*)

382 TEACHING CHILDREN WITH LEARNING PROBLEMS

(See Secondary Education)

399 INTERNSHIP

The student may select from a variety of situations for professional work experience. A learning contract must be developed and must have education faculty approval.

425 EARLY CHILDHOOD CURRICULUM

Learning about and demonstrating knowledge and skills of teaching the young child. The course concentrates on details essential to the organization of a good program for children: records, reports, physical facilities, equipment, parental involvement, and working with children who have uniquely different needs. Class sessions and two hours per week of lab experience in a day care center and/or nursery school. (*Fall*)

Second Professional Semester: Student Teaching and Electives

481, 482 STUDENT TEACHING I

Observing and directing learning at the following levels: N, K, and/or elementary levels under the supervision of college and elementary school personnel. (*Prereq.: Admission to student teaching and program approval. Fall, Spring*)

Electives

483, 484 STUDENT TEACHING II

Additional experience in teaching. (*Prereq.: 481, 482. Fall, Spring*)

478 SCHOOL AND SOCIETY

(See Secondary Education)

499 INDEPENDENT STUDY

Opportunity for advanced and specialized research projects not otherwise provided for in the departmental curriculum. A projected program must be outlined which meets the approval of education faculty.

SECONDARY EDUCATION (TEACHER LICENSURE PROGRAM)

It is the responsibility of each student to meet all specific requirements of the Education Department. Secondary Education students are advised to consult with Education faculty regarding state requirements for teacher licensure. This consultation is recommended in addition to conferring with the student's major field adviser.

Suggested four-year outline of courses for meeting requirements in a teaching major and licensure are available through the Augsburg Computer terminal. (See Education faculty for access to computer.)

Requirements of the Augsburg College Licensure Program for Secondary Education:

1. Application for admittance and acceptance into the Department of Edu-

cation. This may be made before, concurrently with, or after the Orientation course. Application forms are available in the Education Department office. Before applying for admission students should receive approval from the department or division of their declared major. A student may take education courses after the Orientation course only if he or she has been admitted into the program of the Department of Education.

2. GPA of 2.0 overall and maintain at least a 2.5 average in the major.
3. Application for admittance and acceptance into student teaching.
4. Completion of the State Department of Education's EDU 521 Regulation in Human Relations (successful completion of Augsburg's Education program meets this requirement.)
5. Successful completion of the required courses of the education program: Health Educ. 114 and 115; Educ. 265, 359, 388, 478; the required course(s) in special methods in the area of the student's major, and two or three courses in Student Teaching.

Requirements for State of Minnesota Licensure for teaching in Secondary Schools (*Through the Augsburg College Education Department Program*)

1. B.A. or B.S. degree
2. College major in a teaching area
3. Fulfull State Department of Education EDU 521 Regulation in Human Relations (*Successful completion of Augsburg Education program meets requirement*)
4. Health Educ. 114 and 115
5. Successful completion of Augsburg Education Department Licensure Program courses.

GENERAL INFORMATION:

1. For Art, Music and Physical Education Licensure: Persons with teaching majors in Art, Music and Physical Education receive a special license which allows them to teach in their area in all grades from Kindergarten through twelve (K-12). A person preparing for licensure in one of these areas follows the secondary education program even though he or she plans to teach at the elementary school level. A person with a major in one of these special areas will take three courses in student teaching and do some student teaching at both the secondary and elementary levels. In addition to Educ. 359, the art major will register for Educ. 361 and 362; the P.E. major for Educ. 365; and the music major for Educ. 373.
2. The professional term: Student Teaching is taken concurrently with School and Society in a one full-time term in professional education. Special afternoon and/or evening seminars are held during the term as part of the professional work. A student taking two courses in student teaching may elect to take one course in Independent Study. All students are expected to be involved full time in the activities of the professional term.

265 ORIENTATION TO EDUCATION IN AN URBAN SETTING (Secondary)

Investigates various aspects of the teaching profession, with opportunity for inschool work. Open to all students. (*Prereq.: Sophomore Standing. Fall, Spring*)

341 MEDIA TECHNOLOGY (½ course)

(See Library Science)

**351 TECHNIQUES OF TEACHING
READING**

(See Elementary Education)

**359 CREATING LEARNING
ENVIRONMENTS: SECONDARY
(½ course)**

The mastery of theories and their applications for teaching in learning settings. Laboratory experiences, (*Prereq.: Psychology 105, EDS 265*)

With the general methodology course, one or more of the following education courses in special methods must be taken from the department in the major field.

Special Methods Courses (½ to 1 course)

Methods and materials in teaching special areas

- 360 American Studies Methods
½ course (*Spring*)
- 361 Art Methods (Elementary and junior high school)
1 course (*Fall*)
- 362 Art Methods (Senior high school)
½ course (*Fall*)
- 364 English Methods
½ course (*Spring*)
- 365 Physical Education Methods (K-12)
1 course (*Fall*)
- 366 Foreign Language Methods
(Consult with Language Department)
½ course
- 373 Music Methods (K-12)
1 course (*Spring*)

- 374 Natural Science Methods
½ course (*Spring*)

- 375 Social Studies Methods
½ course (*Spring*)

- 376 Speech and Theater Arts Methods
½ course (*Spring*)

- 377 Mathematics Methods
½ course (*Spring*)

- 410 Health Methods (See Health Ed. 410, Adm. and Superv. of School Health Program)
1 course

**382 TEACHING CHILDREN WITH
LEARNING PROBLEMS**

This course will examine characteristics of different kinds of learning problems found in regular classroom environment. The primary focus of the course will be on teaching strategies, but attention also will be given to procedures for the identification of different kinds of learning problems, prescriptive procedures, referral processes, and alternatives for programming “mainstreamed” students. (*Fall*)

388 HUMAN RELATIONS ½ course

Emphasis on the study of values, of communication techniques, and of the major minority groups in Minnesota for the development of interpersonal relations skills applicable to teaching and other professional vocations. Open to all. (*Fall, Spring*)

399 INTERNSHIP

The student may select from a variety of situations for professional work experience. A learning contract must be developed and must have education faculty approval.

478 SCHOOL AND SOCIETY

The emphasis in this course is on the school in relation to society with particular attention to urban education. Introduced by a study of educational philosophy and the development of American education, current major issues in education will be studied. (*Prereq.: senior standing. Fall, Spring*)

481, 482, 483, 484 STUDENT TEACHING

Observing and directing learning at the secondary level under supervision of college and secondary school personnel. (*A minimum of two courses, except three courses required of Art, Music, Physical Education majors. Prereq.: Admission to student teaching and program approval. Fall, Spring*)

499 INDEPENDENT STUDY

Opportunity for advanced and specialized research projects not otherwise provided for in the departmental curriculum. A projected program must be outlined which meets the approval of education faculty.

LIBRARY SCIENCE

MINOR: Minimum of 4 courses, including 245, 358, 359, 475.

245 THE MEDIA CENTER: ORGANIZATION AND ADMINISTRATION

Organization of materials, including acquisition, processing and circulation. Services of the media center and methods of evaluation. (*Fall*)

341 MEDIA TECHNOLOGY (½ course)

Psychological and philosophical di-

mensions of communication through the use of instructional technology. Selection, preparation, production and evaluation of effective audio visual materials for teaching/learning situations. (*Spring*)

358 THE ELEMENTARY SCHOOL LIBRARY: MATERIALS SELECTION AND GUIDANCE

Characteristics and purposes of an elementary school library. Extensive study of evaluation sources, book talks, storytelling, curriculum needs. Concentration on guidance in use of print and non-print materials (*Fall, Spring*)

359 REFERENCE SERVICES IN THE LIBRARY

Study of basic information sources most frequently used by students and librarians. Includes preparation of bibliographies and library instruction. (*Spring*)

399 INTERNSHIP

Open to juniors and seniors. An opportunity to do field work in a variety of library situations in the metropolitan area.

475 THE HIGH SCHOOL LIBRARY: MATERIALS SELECTION AND GUIDANCE

Survey and evaluation of library materials on the secondary school level, with attention to their use in relation to curricula as well as for personal interest and needs of adolescents. (*Spring*)

499 INDEPENDENT STUDY

Independent study and research on some topic of interest in the field of school library service, worked out in consultation with a faculty adviser. Open to juniors and seniors, with department approval.

Engineering

Ken Erickson: *Adviser*

Augsburg College is cooperating with the Washington University School of Engineering and Applied Science (St. Louis, Missouri) and Michigan Technological University (Houghton, Michigan), in a Three-Two Plan of studies which will enable a student to earn the Bachelor of Arts degree from Augsburg College and an engineering baccalaureate degree from Washington University or Michigan Technological University in a five-year period. The first three years are spent at Augsburg followed by two years at the affiliated university. Students accepted into the program are guaranteed admission to the engineering school, provided they have met course requirements, have a B average, and are recommended by a

designated representative of Augsburg College. Students receiving financial aid who are participants in the Three-Two Plan will be encouraged to apply to the engineering school of their choice for continuing support. Their applications will be evaluated using need and academic performance as criteria. Minimum course requirements for admission to the Three-Two Plan are: Math 124, 125, 224, 226; Physics 121, 122; Chemistry 115, 116; Computer Science 245; English 111; additional courses to meet general education requirements and a total of 27 courses at Augsburg. Normally Math 124, 125 and Physics 121, 122 are taken in the freshman year. Students are encouraged to apply for admission to the program during their sophomore year. Early consultation with the adviser, Ken Erickson, is encouraged.

English

Chairpersons: *Catherine Nicholl, Richard Sargent*

MAJOR: 9 courses (above 111), including one course in American literature, one course in the Western literary tradition (271 or 272) and three courses in British literature. Of the British literature courses, one must concentrate on literature before 1660 (for example, 331 or 438) and one must survey a number of writers (for example, 336, 337, or 423). All majors must take 225, Advanced Expository Writing. Majors are encouraged to take, early in their college work, course 245, Introduction to Literature. Majors are strongly urged to consult their departmental adviser regularly. A student with a double

major or special program that involves considerable work in the English department should also work closely with an adviser in the English department:

MAJOR FOR SECONDARY TEACHING:

English: 10 courses, including those listed for the major and a course in the English language. Courses in early American literature, Shakespeare, and film are recommended.

Speech: (1) a course in public speaking: Beginning Speech, Small Group Communication, Interpersonal Communication, Argumentation, Persuasion (2) Interpretative Reading or Stage Direction.

Library Science: 475, The High School Library: Materials Selection and Guidance.

In addition to field experience and student teaching, as required by the Department of Education, English Education majors will be required to gain practical experience in the teaching of writing, to be arranged through the department chairperson.

Students interested in a teaching major are encouraged to take courses toward their major during the freshman and sophomore years, enroll in Orientation to Education in the fall term of the sophomore year and apply for teacher education not later than the fall of their junior year. In addition to planning their courses of study with the department chairperson, students should consult an advisor in the Department of Education.

HONORS MAJOR: GPA of 3.5 in the major and 3.0 overall; submit program to department chairperson early in senior year; defend honors thesis before faculty committee in senior year. Honors thesis may be an independent study program.

MINOR: 5 courses (above 111), including one course in British literature, and one writing course. Teaching minors must include both 225 and a course in the English language.

The English Department recommends but does not require that English majors consider developing an area of emphasis broader than the major as listed above. The most likely areas would be a British concentration, an American concentration, a world literature concentration, and a writing concentration. A student arranges a concentration by careful selec-

tion of electives in the major, by the design of an independent study course that applies to the concentration, and by the selection of some related courses outside the English department.

BRITISH LITERATURE CONCENTRATION: Select from: History 412, 416; English 261, 331, 332, 336, 337, 367, 368, 423, 438 and sometimes 490, 491.

AMERICAN LITERATURE CONCENTRATION: Select from: History 221, 222; American Studies 232; English 241, 250, 351, 367, 368, and sometimes 490, 491. A student with an American literature concentration should take some of the courses listed under the American Studies major which are selected from the offerings of several departments at Augsburg.

WORLD LITERATURE CONCENTRATION: Select from: History 102, 360, 361; Philosophy 110, 242, 343, 370; German 244; French 243; Spanish 249; Scandinavian Studies 351, 352; and sometimes 490, 491.

WRITING CONCENTRATION: In addition to Advanced Expository Writing, Creative Writing, and Journalism, elect Interim courses in writing.

A student electing a concentration should work closely with his or her adviser. Interim courses, special courses, and other courses given at the other cooperating colleges will often fit well into a concentration.

English 111 is strongly recommended but not a prerequisite for a lower division literature course. Prerequisite for an upper division course is successful completion of a lower division literature course or consent of the instructor.

101 DEVELOPMENTAL WRITING

A preparatory course for effective writing for students identified by an examination as needing additional preparation. Instruction and practice in basic writing skills will be given. Students will write short papers based on their own observation, experience, and thought. P/N grading only. (*Fall, Spring*)

111 EFFECTIVE WRITING

The study of composition with emphasis on expository writing. Attention to correct usage, logical organization, and the research paper. The grading system for this course is either P/N or 2.0-4.0/N. In order to hold a place in the course the student must either attend class the first day or personally notify the instructor that s/he cannot be present. (*Fall, Spring*)

223 WRITING FOR BUSINESS AND THE PROFESSIONS

A practical course designed to improve writing skills for those preparing for business and professional careers. The writing of reports, letters, and proposals will be emphasized. Students will be encouraged to use material from their own areas of specialization. (*Prereq.: 111 or Equivalent*)

225 ADVANCED EXPOSITORY WRITING

The development of essays in a variety of rhetorical modes, which may include identification, definition, classification, illustration, comparison and contrast, and analysis. Particular attention will be given to stylistic and organizational matters through the course's workshop format, in which students' papers are read and discussed. (*Prereq.: 111, Fall, Spring*)

226 CREATIVE WRITING

The purpose of the course is to encourage and guide, by means of appropriate models, theories, and criticism, writing in narrative and poetic modes of expression. Short stories, personal narratives, and poems may be selected by students for experimentation and development, according to the student's preference.

227 JOURNALISM

An introduction to newswriting, with secondary emphasis on the feature and the news feature. The student is first introduced to the principles of writing the news story, what constitutes news, copy preparation, and editing practices, then goes on to write real and imagined obituaries, press releases, speech stories, and community news stories. A unit on the feature and the news feature concludes the course. Throughout the semester, attention is paid to ethics, comparisons and contrasts with the electronic media, and stylistic trends inside and outside the journalism establishment.

241 INTRODUCTION TO CINEMA ART

An investigation of the artistic qualities and the historical development of the film media. The course includes the viewing and discussing of both feature length and short films. See also description under Speech, Communications and Theater Arts.

245 INTRODUCTION TO LITERATURE

An introduction to the study of fiction, drama, and poetry. Particular attention will be devoted to developing critical and

analytical skills in reading and writing about literature. Strongly recommended for English majors. (*Fall, Spring*)

250 AMERICAN LITERATURE TO 1920

Reading and analysis of some significant works of selected American writers from colonial times to the emergence of literary naturalism. Attention is also given to the writer's contribution to the historical development of American literature. (*Fall, Spring*)

261 MODERN FICTION

Significant works of selected prose writers, chiefly European, of the twentieth century. (*Fall, Spring*)

271 EUROPEAN LITERATURE: HOMER TO DANTE

A study of major works of Greek and Roman literature, for example the epics of Homer and Virgil, the tragedies of Aeschylus, Sophocles, and Euripides, the comedies of Aristophanes and Ovid's *Metamorphoses*. Dante's *Inferno* will be studied as a work in which the Christian and the classical traditions are combined. These works will be studied with reference to their mythological foundations, their cultural background, their influence on later literature, and their enduring relevance. (*Fall*)

272 EUROPEAN LITERATURE: FROM THE RENAISSANCE TO MODERN PERIOD

Study of masterpieces of literature, chiefly European, from the medieval to the modern period, including such authors as

Moliere, Cervantes, Montaigne, Goethe, Dostoyevsky.

331 CHAUCER AND HIS AGE

While the primary study of the course will be the writings of Geoffrey Chaucer, attention will be given to the medieval literary milieu out of which Chaucer wrote. Medieval poetry, romance, and drama may be examined. (*Alternate years, 1980-81*)

332 MILTON AND HIS AGE

A study of Milton's major poems and selected prose. In addition the Renaissance literary tradition out of which Milton created his works will be examined. (*Alternate years, 1981-82*)

336 BRITISH LITERATURE, FROM DONNE TO BLAKE

Reading, analysis and discussion of works of selected writers from the metaphysical poets to Blake, with attention to the historical, intellectual, and social influences and the major literary movements. (*Fall*)

337 BRITISH LITERATURE, THE ROMANTICS AND THE VICTORIANS

A study of major writers of the nineteenth century, emphasizing Romantic poetry, Victorian poetry, Victorian prose and two or three novels of the period. Relationships among these writers and their influence on one another will be emphasized as well as their relationship to their own age and their lasting contribution to the forms of poetry and prose. (*Spring*)

351 AMERICAN LITERATURE SINCE 1920

A study of some recent and contemporary writers and literary movements. Attention is given to the dynamics of American society and its intricate relationship to the literature. Special emphasis is given to the city as setting and symbol in modern American literature. (*Fall, Spring*)

367 MODERN POETRY

Study of major modern and contemporary poets and schools of criticism. Discussion may include the poetry and aesthetics of the Imagists, French Symbolists, New Critics, Harlem Renaissance, Modern Romantics, Black Mountain Poets, Beat Poets, Confessional Poets, and other contemporary movements. (*Alternate years, 1981-82*)

368 MODERN DRAMA

Significant works of American, British, and continental dramatists of the twentieth century, with emphasis on representatives from the major movements such as Naturalism, Existentialism, Theater of the Absurd, and Transformationalism. Plays by women and minorities are included. (*Alternate years, 1980-81*)

399 INTERNSHIP

The department offers on-campus internships in teaching writing and various off-campus internships. Interested students should consult the department chairperson.

423 STUDIES IN THE BRITISH NOVEL

A survey of the development of the novel in England from its eighteenth century

beginnings up to the twentieth century. Novels studied will be selected from the works of such authors as Defoe, Richardson, Fielding, Sterne, Austen, Dickens, Bronte, Thackeray, Eliot, Hardy, and Butler. Attention will be given to the conditions contributing to the rise of the novel and its emergence by the twentieth century as the dominant literary form (*Alternate years. 1980-81*)

438 SHAKESPEARE

Study of ten or twelve major plays — comedies, histories, tragedies — with attention to the development of Shakespeare's dramatic and poetic art. Additional plays assigned for reading analysis.

490, 491 ENGLISH SEMINAR

Course 490, a theme or movement; course 491, a major writer or a major work. Enrollment open to juniors and seniors.

498 INDEPENDENT STUDY — METROPOLITAN RESOURCES

Open to junior or senior English majors with a grade of 3.0 or consent of department chairperson. Provides directed independent study which makes use of the resources of Augsburg's urban location, such as theaters, poetry readings, and writers' groups.

499 INDEPENDENT STUDY

Open to junior or senior English majors with a grade of 3.0 or consent of department chairperson. Provides directed independent study in the area of the student's choice.

Foreign Languages

Chairperson: *Gunta Rozentals*

Students with previous foreign language study should register in courses suited to their level of preparation. Basically, placement in foreign language courses follows the formula: 1 year of high school foreign language equals 1 course of college foreign language. However, final placement is made according to the results of a placement test which may be taken at pre-registration time after consultation with the department. Students who register below their level may only do so for a grade of P/N.

For majors, a minimum of four upper division courses at Augsburg College is required for graduation. A maximum of four upper division non-Augsburg courses may be accepted. No fewer than two of these four courses should be taken abroad.

For minors, a minimum of two upper division courses at Augsburg College is required for graduation.

For transfer students intending to major or minor, a minimum of one upper division credit per year attended is specified. See department faculty for limits on non-Augsburg courses and career information.



Course 112 completes basic elements of the language. Courses numbered 211, 212 meet useable skill levels.

Course 311 is prerequisite to all upper division courses.

Teaching majors and minors must consult with the Department of Education for program. Methods courses by language are joint five-college offerings and should be taken in the fall of the senior year. A 3.0 average in Advanced Conversation and Composition is a departmental requirement for teaching majors. MLA Competency Exam needed for licensure.

Departmental Honors: Majors seeking departmental honors must apply no later than early in the senior year. Requirements: 3.3 GPA in the major, 3.0 GPA overall, and honors thesis demonstrating ability in independent study for one course credit. Consult department chairperson for details.

Chinese

Offered in conjunction with the Five College Cooperative Program. See Schedule of Classes for course offerings.

French

MAJOR: 8 courses above 212, including two in conversation-composition, one in civilization, and three in literature, of which one should be course 352. Study in France strongly recommended.

MINOR: 4 courses above 212, including one in conversation-composition, one in civilization, and one in literature. Interim or summer of study in France strongly recommended.

RECOMMENDED SUPPORTING COURSES:

European History, a second language, philosophy, linguistics, English literature. Study Abroad. Also see Interim catalog.

111 BEGINNING FRENCH

Designed to introduce the student with no previous background in French to the language and to French culture. The pronunciation system and basic sentence structures are taught to enable understanding and expression on a rudimentary level. Two hours laboratory work. See above on placement. (*Fall, Spring*)

112 BEGINNING FRENCH

For those who have had 111 or equivalent. Through conversations, sentence practice, and readings, the study of tenses and forms is completed to make possible basic communication, beginning reading skills, and acquaintance with French culture and way of life. Two hours laboratory work. See above on placement. (*Spring*)

211 INTERMEDIATE FRENCH

20th Century selected articles and a grammar review are the basis for practice in communication, vocabulary building and developing greater ease in reading. For those who have studied most of the basic structures. Two hours of laboratory work. (*Fall*)

212 INTERMEDIATE FRENCH

Through informative and controversial articles, interviews and literary readings, this course works toward the goals of oral fluency, communication of ideas, and the acquisition of sufficient skills to pursue general reading in French. Completes a review of basic structures. Laboratory work. *(Spring)*

243 FRENCH LITERATURE IN TRANSLATION

Major representative works of French literature read in English translation. Through individualized background reading and class discussion, students be-

come acquainted with artistic qualities and cultural-historical significance of these works. Sophomore standing. Does not count toward a French major or minor. *(Offered on Demand)*

311 CONVERSATION-COMPOSITION

Explores topics of current interest in both oral and written form to build fluency, accuracy, and facility of expression. Emphasis on vocabulary enrichment, grammatical refinements, effective organization of ideas. Laboratory assignments. Post-intermediate level. A prerequisite to other upper division courses. *(Fall)*



312 FRENCH EXPRESSION

A two-pronged approach to coherent and correct expression. Attention to grammatical structures, French turns of phrase and elementary stylistics. French phonology and speech groups practiced to overcome inadequacies and incorrect speech habits. (*Prereq.: 311 or #. On demand*)

331 FRENCH CIVILIZATION: HISTORICAL PERSPECTIVE

A study of the diversified development of the French from their beginnings to the modern period. Special attention to cultural manifestations of their intellectual, political, social and artistic self-awareness. Readings, reports, extensive use of audio-visual materials. In French. (*Prereq.: 311 or #. Alternate years*)

332 FRENCH CIVILIZATION TODAY

Topics in twentieth-century problems, ideas. Cultural manifestations that promote understanding of French people and their contribution to the contemporary scene. Readings, reports, extensive use of audio-visual materials and periodicals. In French. (*Prereq.: 311 or #. Alternate years*)

350 INTRODUCTION TO LITERATURE FOR LANGUAGE STUDENTS

Theory and practice of literary studies. A theoretical component (in English) treats the basic principles of literature, literary genres, and different approaches to literary analysis. In the practical component, students apply the elements of theory through reading, analyzing, and discussing selected works of French literature. Recommended for majors and minors.

Open to all qualified students. (*Prereq.: 311 or #. Offered on demand*)

352 CREATIVITY AND RESTRAINT

A survey of the major literary creators of the Renaissance and Classical periods, and the French intellectual, social and ethical currents reflected in their works. Poetry and the essay, theater, early novel, letters and other prose forms. Classes, oral and written reports, and laboratory work in French. Required of all majors. (*Prereq.: 311 or #. Alternate years*)

354 REALITIES: INNER AND OUTER WORLDS

A survey of the romantics, major novelists, Baudelaire and his successors in poetry, and the literature of ideas that led to new forms and emphases with the turn of the century (Proust, Gide, Claudel, Apollinaire, etc.) Classes, oral and written reports, and laboratory texts in French. (*Prereq.: 311 or #. Offered alternate years*)

355 TWENTIETH CENTURY LITERATURE

A survey of the major French literary movements since World War I, including the novel, the theater, poetry, the essay, and criticism. Classes, oral and written reports, and laboratory texts in French. (*Prereq.: 311 or #. Alternate years.*)

411 ADVANCED CONVERSATION- COMPOSITION

By means of reading, speaking and writing on topics of intellectual, social, or political interest the student acquires extensive training in the four skills at an advanced level. Attention to accuracy and effectiveness, characteristic levels of expression, refinements in style and organization as

individual needs indicate. Provides for self-improvement and self-evaluation. Laboratory assignments. Required for all majors. (*Prereq.: 311 or #. On Demand*)

451 THE FRENCH NOVEL

A study of major authors (LaFayette, Proust, Balzac, Gide, Flaubert, Zola, Mauriac, Malraux, Sartre, Camus, etc.) that shows the evolution of this genre in theme and form. Analyses, discussion, and papers in French. (*Prereq.: 311 or #. Recommended 331. On demand*)

495 FRENCH SEMINAR

Study in depth of an author, topic or genre in French literature (i.e., 18th Century, poetry, medieval works, Romanticism). Student presentations in French. For advanced students. (*See also Interim offerings. Prereq.: 352, 354 or 355. On Demand*)

499 INDEPENDENT STUDY

Individual pursuit of a topic, movement, or genre at an advanced level. Designed to complete a balanced program, enhance research, or meet individual interests. In literature a major paper and its defense are included. (*Consultations with French teachers required. Junior standing. Fall, Interim, Spring. Subject and plan to be clarified early with study adviser.*)

German

MAJOR: 8 upper division courses, including 311 and 411. Interim and summer in Germany strongly recommended.

MINOR: 4 upper division courses, including 311 and 411. Interim and/or summer in Germany strongly recommended.

RECOMMENDED SUPPORTING COURSES:

Methods in Modern Languages for teachers; European History, a second language, linguistics, English literature.

111, 112 BEGINNING GERMAN

Course 111 is for students with no previous background; 112 is for students who have had 111 or equivalent or less than two years of high school German. Aims at developing basic skills. Classroom practice in speaking, understanding and reading basic German.

Goals: Ability to read extended narratives in simple German, insights into German culture and participation in short conversations. Laboratory materials available. (*Fall, Spring*)

211, 212 INTERMEDIATE GERMAN

For students with two terms (or two years high school) of previous German. Aims at developing basic skills into working knowledge of German. Review of basic structures with emphasis on extending range of vocabulary and idiomatic expression through reading and discussion of materials representing contemporary German life and literature. (*211, Fall; 212, Spring*)

244 GERMAN LITERATURE IN TRANSLATION

Principal works of German literature representing various periods and movements are read and discussed in English. The readings are considered not only in the particular context of German cultural history, but also discussed in terms of their

relevance to perennial human problems. Credit for this course does not apply to a German major or minor. (*On Demand*)

311 GERMAN CONVERSATION AND COMPOSITION

Aims at developing facility in the use of grammatical structures, vocabulary and idiomatic expressions most common in colloquial German. Intensive practice in speaking is supplemented with exercises in written composition. (*Fall*)

331 GERMAN CIVILIZATION AND CULTURE I

The Early Background. Follows the cultural and social development of the German-speaking peoples from the prehistoric Indo-European origins (ca. 3,000 B.C.) to the Thirty Years War (1643), with emphasis on the impact of Roman civilization, the re-emergency of German cultural self-awareness during the Middle Ages, and the intellectual and religious upheavals of the Reformation. In German. (*Prereq.: 311 or #. Alternate years*)

332 GERMAN CIVILIZATION AND CULTURE II

Survey of significant currents of development which have shaped present-day Germany, Austria and Switzerland since the Age of Enlightenment. The contemporary scene is considered in view of its roots in the intellectual, geopolitical, artistic and scientific history of the German-speaking peoples. In German. (*Prereq.: 311 or #. Alternate years*)

350 INTRODUCTION TO LITERATURE FOR LANGUAGE STUDENTS

Theory and practice of literary studies. A theoretical component (in English) treats the basic principles of literature, literary genres, and different approaches to literary analysis. In the practical component, students apply the elements of theory through reading, analyzing and discussing selected works of German literature. Recommended for majors and minors. Open to all qualified students. (*Prereq.: 311 or #. Offered on demand*)

351 GERMAN LITERATURE THROUGH 18TH CENTURY

Brief survey of heroic, courtly, Reformation, Baroque, Aufklärung and Sturm und Drang literature. Extensive readings and discussions in Classic and Romantic periods. Readings in German, supplemented by lectures on the history of German literature in its cultural and geopolitical context. Class discussions help to improve students' ability to express ideas in German. (*Prereq.: 311 or #. On demand*)

352 GERMAN LITERATURE: THE 19TH CENTURY

Includes later Romanticism, Jung-Deutschland, poetic realism, Naturalism and Impressionism. The literary reaction to the decline of idealistic philosophy and the importance of the individual and the rise of materialism, technology and mass man. Readings in German. Class discussions help to improve students' ability to deal with concepts and express themselves in German. (*Prereq.: 311 or #. On demand*)

353 GERMAN LITERATURE: THE 20TH CENTURY

Literary responses to the crises and upheavals of our time. Writers of international stature are discussed: Kafka, Hesse, Mann, Brecht. Readings in German with class discussions are designed to aid students' self-expression in German. (*Prereq.: 311 or #. On Demand*)

411 ADVANCED GERMAN COMPOSITION AND CONVERSATION

Aims at developing and refining the student's use of German as a vehicle for expressing his own ideas and opinions. Emphasis on written composition including control of style. Oral practice through use of German as classroom language. (*Prereq.: 311 or #. Alternate years*)

451 GERMAN PROSE

Reading and discussion of German prose masterpieces from Goethe to the present. Lectures treat the development of the epic genre as a mirror of cultural and geopolitical history. (*Prereq.: 311 or #. On Demand*)

452 GERMAN DRAMA

Representative dramatic works from late 18th century to the present are discussed and read as symptomatic of perennial human concerns. Lectures treat the historical development of the drama. (*Prereq.: 311 or #. On Demand*)

499 INDEPENDENT STUDY

Greek

See the instructor for supporting courses at Augsburg in history, philosophy, art,

literature, linguistics, which can apply toward classics concentration in cooperation with Macalester College.

111, 112 BEGINNING GREEK

Theoretical and practical study of Greek grammar, with special emphasis on morphology. Translation exercises from and into Greek. (*111, Fall; 112, Spring*)

211 INTERMEDIATE GREEK

Review of basic structures of Greek, expansion of vocabulary and development of reading skills through selections from the New Testament and other Hellenistic writings (early fathers, historians, etc.) Special emphasis on parsing and syntax of the Greek text. (*Prereq.: 112 or #. Fall*)

350 INTRODUCTION TO LITERATURE FOR LANGUAGE STUDENTS

A first course in the theory and practice of literary studies. A theoretical component (in English) treats the basic principles of literature, literary genres, and different approaches to literary analysis. In the practical component, the class will divide into small groups according to foreign language, where the elements of theory will be applied through reading, analyzing, and discussing selected works for foreign literature in the language. Recommended for majors and minors. Open to all qualified students. (*Prereq.: 212 or #. Offered on demand*)

Japanese

Offered in conjunction with the Five College Cooperative Program. See Schedule of Classes for course offerings.

Linguistics

289 INTRODUCTION TO LINGUISTICS

An introduction to linguistic analysis and general linguistic principles, with focus on linguistic universals (organizational principles and features common to all languages) and psycholinguistics (inquiry in to the mechanics of language learning and the structure of the mind as revealed in language.) Theoretical questions will be approached by studying samples of various languages. No prerequisite. Recommended for all language majors and minors. (Fall)

Norwegian

MAJOR: 8 courses above 211, including 311, 312, 331, 350, 353, 411, and 499 (independent study). Interim or summer in Norway recommended. (Academic credit may also be earned through the Camp Norway program in Norway.) Consult department for details.

MINOR: 4 upper division courses including 311, and two of 331, 350, 353, 411; plus one course under Scandinavian Studies.

TEACHING MINOR: 311, 331, 353, 411 plus required education courses, including special methods.

RECOMMENDED SUPPORTING PREPARATION:

Study in Norway, a second foreign language, linguistics, additional courses under Scandinavian Area Studies.

111, 112 BEGINNING NORWEGIAN

Introduction of the four basic language skills: speaking, listening, reading and

writing. Stress on spoken rather than literary Norwegian. Laboratory work expected. (111, Fall; 112, Spring)

211 INTERMEDIATE NORWEGIAN

Continued conversation and composition to improve comprehension and facility of expression. Selected readings in Norwegian used as basis for class discussion and exercises. Laboratory work and some field experience expected. (prereq.: 112 or equivalent.)

311 NORWEGIAN CONVERSATION AND COMPOSITION

Intensive practice in spoken Norwegian with emphasis on pronunciation and original composition. Some attention given to regional variations in spoken Norwegian and to differences between the two official languages of Norway. Some laboratory work and field experience required. (Prereq.: 211 or equivalent.)

312 OLD NORSE

An introduction to the structure of Old West Norse through the study of selections from Old Norse literature. Some attention given to Old East Norse and aspects of the history of four modern Nordic languages. Knowledge of one of the latter is desired but not required. Norwegian language minors will have special assignments. (Offered alternate years)

331 NORWEGIAN CIVILIZATION AND CULTURE

This study of Norwegian cultural history will include significant aspects of the contemporary Norwegian society.

Through extensive readings (in Norwegian as far as possible), the domestic and foreign influences at work in the comparatively homogeneous population of Norway will be examined. Written and oral reports in the Norwegian language will be required along with some field work. (*Prereq.: 311 or #. Alternate years*)

350 INTRODUCTION TO LITERATURE FOR LANGUAGE STUDENTS

Theory and practice of literary studies. A theoretical component (in English) treats the basic principles of literature, literary genres, and different approaches to literary analysis. In the practical component, students apply the elements of theory through reading, analyzing, and discussing selected works of Norwegian literature. Recommended for majors and minors. Open to all qualified students. (*Prereq.: 311 or #. Offered on demand*)

353 SURVEY OF NORWEGIAN LITERATURE

Selected readings in contemporary Norwegian literature provide a base for the study of original works from earlier periods extending back to Old Norse literature. All genres are examined, and considerable attention is given to writings in the Nynorsk language, particularly poetry. Lectures, readings, oral and written reports are in Norwegian language. (*Prereq.: 211 or equivalent. Spring 1981. Alternate years*)

411 ADVANCED NORWEGIAN CONVERSATION AND COMPOSITION

Further intensive practice in spoken and written Norwegian. Attention given to the other Scandinavian languages and to the

historical development of the Norwegian language. Laboratory work and field experience required. (*Prereq.: 311 or #. Alternate years*)

499 INDEPENDENT STUDY

Russian

Offered in conjunction with the Five College Cooperative Program. See Schedule of class for course offerings, and Russian Area Studies in this catalog.

Spanish

MAJOR: 8 courses above 212, including 311, 411, 456 or 457, two of 352, 353, 354. (Study in Spain or Latin America is strongly recommended)

Recommended Supporting Courses:

Linguistics, another language, Pre-Columbian civilization, Latin-American Area Studies. Consult department for other supporting courses in humanities.

111, 112 BEGINNING SPANISH

Aims to develop the four basic skills: understanding, speaking, reading, and writing of elementary Spanish. Introduction to culture of Spanish-speaking world. Laboratory work is an integral part of the course (*111, Fall; 112, Spring*)

211, 212 INTERMEDIATE SPANISH

A thorough review of grammar with emphasis on active use of the language, supplemented by readings in culture and literature. (*Prereq.: 112 or 2 years of high school Spanish. 211, Fall; 212, Spring*)

223 THE CHICANO EXPERIENCE

Through essays, short stories, and novels written by Chicanos and leading sociologists, anthropologists, and psychologists, the course will introduce the student to the world of the Chicano and his dual struggle to maintain his traditions and culture on the one hand, and to integrate into American society on the other. (*On Demand*)

249 SELECTED WORKS OF SPANISH AND LATIN AMERICAN LITERATURE IN TRANSLATION

Major works of Spanish and Latin American literature representing various periods and movements are read in English translation. Through background reading and class discussion in English the student is acquainted with the salient artistic qualities and cultural-historical significance of the readings. Credit in this course does not count toward a major or minor in Spanish. Sophomore standing preferred. (*On Demand*)

311 SPANISH CONVERSATION AND COMPOSITION

Thorough oral and written practice in correct expression with the aims of fluency and facility. Enrichment of vocabulary. Laboratory work. This course is a prerequisite for all upper-division courses. (*Prereq.: 212 or equivalent. Fall*)

312 SPANISH EXPRESSION

Intended for students who have a basic command of writing and speaking skills in Spanish and wish to expand them. Intensive practice to improve oral and written expression with emphasis on conversational facility, stressing idiomatic

usage and the finer points of grammar. Readings to stimulate discussion and broaden cultural background from contemporary literary texts and magazine articles. Conducted in Spanish. (*On demand*)

331 SPANISH CIVILIZATION AND CULTURE

Study of the Spanish character and of Spanish contribution to world civilization through historical, intellectual, literary, and artistic movements. In Spanish. (*Prereq.: 311 or #, Spring 1981, alternate years.*)

332 LATIN AMERICAN CIVILIZATION AND CULTURE

A study of the cultural heritage of the Spanish American countries from the Pre-Columbian civilizations to the present. In Spanish. (*Prereq.: 311 or 212, with #, Spring 1980, alternate years*)

350 INTRODUCTION TO LITERATURE FOR LANGUAGE STUDENTS

Theory and practice of literary studies. A theoretical component (in English) treats the basic principles of literature, literary genres, and different approaches to literary analysis. In the practical component, students apply the theory through reading, analyzing, and discussing selected works of literature in Spanish. Recommended for majors and minors. Open to all qualified students. (*Prereq.: 311 or #. Offered on demand*)

352, 353 SURVEY OF SPANISH LITERATURE I, II

A study of representative authors in Spanish literature, supplemented by lectures on the literary movements and de-

velopment of Spanish literature. Lectures, discussion, written and oral reports in the language. (Prereq.: 311 or #. 352, Fall, 1981; 353, Fall, 1982)

354 REPRESENTATIVE HISPANIC AMERICAN AUTHORS

An introduction to Spanish-American literature. Lectures, discussions, written and oral reports in the language. (Prereq.: 311 or #. On Demand)

411 ADVANCED CONVERSATION AND COMPOSITION

Emphasis on increasing facility and correctness of written and oral expression through conversations, discussions, reports, debates, and written compositions

and grammatical exercises. (Prereq.: 311 or #. Alternate years)

456 SPANISH DRAMA

Study of the masterpieces of dramatic literature in Spain. Oral and written reports in the language. Emphasis on the Golden Age and the Modern Period. (Prereq.: One survey course. On demand)

457 SPANISH NOVEL

Study of the outstanding novelists of the nineteenth and twentieth century in Spain. Oral and written reports in the language. (Prereq.: One survey course. Alternate years)

499 INDEPENDENT STUDY

History

Chairperson: *Orloue Gisselquist*

MAJOR: 8 courses plus 1 seminar. At least four of these courses must be upper division. A major must have at least one course (either survey or upper level) from each of the four areas. Ancient and Medieval; Modern Europe; U.S.; and non-Western.

MAJOR FOR TEACHING: In addition to the regular history major a social science major with history emphasis is also available. See "Social Science" in this catalog. Students wishing to become licensed teachers see "Education Department" in this catalog and consult with Education Department faculty for requirements.

HONORS MAJOR: GPA of 3.6 in the major and 3.0 overall; except in special

instances, application before the end of the first term of the junior year; two years of a foreign language at the college level (or its equivalent); an honors thesis (equal to one course credit) to be defended before a faculty committee.

MINOR: 5 courses, at least three of which must be upper division.

Students are required to take at least one survey course (numbered below 300) before registering for an upper level course. Lower level courses need not be taken in sequence.

There are 16 upper division courses (numbered 300 and up) in this department. Five or six are offered each term, or 11 per year. Offerings depend upon faculty schedules and student registration.

101 THE BEGINNINGS OF THE WESTERN CULTURE

An analysis of the primary civilizations in the Near East, the classical world of Greece and Rome, and the middle ages of Europe into the 13th century. (*Fall, Spring*)

102 THE SHAPING OF WESTERN CIVILIZATION

A consideration of European institutions and values from the waning of the middle ages through the remodeling of Europe by Napoleon. (*Fall, Spring*)

103 THE MODERN WORLD

A study of the main currents in western civilization from the time of Napoleon to the present. (*Fall, Spring*)

104 THE MODERN NON-WESTERN WORLD

An introduction to various centers of cultural and political power in Asia and Africa of the last 200 years. (*Fall, Spring*)

221 U.S. HISTORY TO 1877

A survey of Americans from Jamestown through the efforts to reconstruct a nation torn apart by The Civil War. (*Fall*)

222 U.S. HISTORY SINCE 1877

An assessment of the century which precedes our modern day. (*Spring*)

299 DIRECTED STUDY

An opportunity for a student to do readings or study on topics not covered in the scheduled courses. The proposed study must be approved by the directing faculty

member and the chairman of the department before registration. A maximum of one course in directed study may be applied to the major.

331 TOPICS IN U.S. HISTORY

Exploration in depth of selected topics in U.S. history (excluding foreign policy; see History 332). The specific topics to be offered will be announced prior to registration.

332 HISTORY OF AMERICAN FOREIGN POLICY

The relationship of foreign policy to general American development is stressed as is the period of the Cold War.

353 SELECT TOPICS IN MINNESOTA HISTORY

A survey of topics relating to the emergence of modern Minnesota: Indian-white relations; immigration and ethnic adjustments; rise of the Twin Cities; economic and political development. Primary emphasis will be on the late 19th and early 20th centuries.

360 THE ANCIENT NEAR EAST AND GREECE TO 338 B.C.

The development of civilization in the Near East from earliest times through its extension and elaboration by the Greeks. Emphasis is placed on the development of writing, achievement in the arts and sciences and political institutions.

361 HELLENISTIC GREECE AND ROME TO 330 A.D.

A study of the development of Alexander's Empire, the Hellenistic kingdoms and the

rise of Rome as the world's greatest power. Emphasis is placed on personalities, the arts and sciences and Rome's contributions in law and the political process.

370 THE LATE MIDDLE AGES TO 1560

A study of the scholastic tradition and the role of the Church and state through the changes forced on these institutions during the Italian Renaissance and the early years of the Reformation.

399 INTERNSHIP IN HISTORY

A limited number of internships may be available for qualified upper-division students majoring in history. See department chairperson.

412 ENGLAND IN THE TUDOR AND STUART PERIODS

A study of English history from a 15th century background through 1714. The emergence of modern constitutionalism is the major theme of the course. Emphasis is also placed on 16th and 17th century aspects of England's subsequent role in the world economy and on the English literary renaissance of Elizabethan and early Stuart periods.

416 EUROPE IN THE SEVENTEENTH CENTURY

The study of this century as the most critical period in the rise of the modern state. Emphasis is also placed on the emergence of modern science and its effect on intellectual history. The chronological boundaries may be listed as 1560-1714.

431 EUROPEAN URBAN HISTORY

A history of the dynamics of urban growth, the distinctive institutions, and the culture of cities in Europe from the Roman Empire to the 20th century, with focus on specific historic cities as examples. The course is designed for history students, urban study majors, and those who desire a background to enrich further travel.

440 TWENTIETH CENTURY TOPICS IN WORLD HISTORY

This course emphasizes such topics as Hitler's fascism, the collapse of colonial empires and the rise of the third world. The emphasis will be on Western Asia, Europe, and Africa in the last fifty years.

450 NINETEENTH CENTURY SCANDINAVIA

Emphasis is on the far-reaching changes in the political, economic, cultural and social life of Denmark, Finland, Iceland, Norway and Sweden during the nineteenth and early twentieth centuries. Attention is given to overseas emigration.

463 MODERN SOUTHEAST ASIA

A study of the major historical events, personalities and political developments in this area. A comparative analysis of the nationalist movements and the process of decolonization will especially focus on Indonesia, the Philippines, Burma and Vietnam.

464 MODERN CHINA

A selective treatment of Chinese history since the Opium War of 1839. The erosion of China's isolationism and collapse of the

imperial system. The Nationalist and Communist revolutions of the 20th century.

465 MODERN JAPAN

An examination of the emergence of Japan as a major world power in the 20th century. Components of the course will include a study of the distinctive features of the Pre-Meiji era, modernization factors since 1868, interaction and encounter with China, urban development, ecological problems, role of women and Japan's trade in Asia and Africa.

474 THE WORLD AND THE WEST

This course begins with Europe's discovery of the rest of the world, considers cultural interaction and conflict, and the building of European empires in Asia and the Americas, and concludes with the

breakdown of these imperial systems at the end of the 18th Century.

495 SEMINAR

Selected topics. Admission by permission of the instructor. (*Fall, Spring*)

499 INDEPENDENT STUDY

Majors with an average of 3.5 or above in history courses are encouraged to apply for directed independent study. A maximum of one course in independent study may be applied toward the major.

114 HUMAN GEOGRAPHY

An introduction to the basic concepts and tools of geography followed by a survey of the distribution patterns to be found in our physical and human environment.

MATHEMATICS

Chairperson: *Beverly Durkee*

MAJOR: 9 courses including 124, 125, 215, 224, 314, 324. Also required: Computer Science 245. For teacher licensure, courses 351, 373, 441 must be included. Students wishing to become licensed teachers are advised to consult with the Education Department for requirements.

MINOR: 5 courses including 124, 125, 224.

HONORS MAJOR: GPA of 3.5 in mathematics; 3.1 overall. Comprehensive oral examination. Program must be submitted to department during first term of junior year, and must include advanced study in areas of Analysis, Algebra, Topology, and Mathematics-Education.

104 BASIC MATHEMATICS

A review of basic arithmetic concepts and a study of algebraic expressions including exponents, radicals, and rational expressions; algebraic processes including factoring; solving equations and inequalities in one variable, including linear and quadratic; and graphs of linear and quadratic equations and linear inequalities in two variables. Does not apply toward a major or minor in mathematics. Does not satisfy the general education requirement in mathematics.

114 INTRODUCTION TO COLLEGE ALGEBRA AND TRIGONOMETRY

Fundamental operations, factoring, factions, functions and graphs, linear

equations, exponents and radicals, quadratic equations, ratio and variation, progressions, binomial theorem, logarithms and trigonometric functions. Does not apply toward a major or minor in mathematics. Students who have completed 124 may register for credit only with consent of instructor. (Fall)

121 FINITE MATHEMATICS

Topics of linearity and probability with applications to the social and behavioral sciences. Does not apply toward a major or minor in mathematics. (Fall)

122 CALCULUS FOR THE SOCIAL AND BEHAVIORAL SCIENCES

Differential and integral calculus of a single variable with applications to the social and behavioral sciences. Does not apply toward a major or minor in mathematics. Students who have completed 124 may not register for credit. (Spring)

124, 125, 224 CALCULUS, I, II, III

Topics of the elements of plane and solid analytic geometry integrated with differential and integral calculus including calculus of several variables and series with applications primarily from the physical sciences. Primarily for students in the natural sciences. (124, Fall; 125, Spring; 224, Fall)

131 MATHEMATICS FOR THE ARTS

An introduction to the structure of mathematical systems and mathematical models which have had a primary historical impact on the other liberal arts. Primarily for students not intending further study of mathematics. Does not apply toward a major or minor in mathematics. (Fall)

211 NUMBER THEORY

A transitional course from computational to abstract mathematics. A study of the integers and their properties. (Prereq.: #)

215 ELEMENTARY LINEAR ALGEBRA

A study of systems of linear equations, determinants, vector spaces, linear transformations, and matrices. (Prereq.: 224. Spring)

226 DIFFERENTIAL EQUATIONS

Solutions of ordinary differential equations with applications; solutions by special integral transforms; systems of differential equations with matrix algebra techniques; series solutions. (Prereq.: 224. Spring)

242 BASIC CONCEPTS OF MATHEMATICS

The structure of mathematics underlying arithmetic and geometry. Emphasis is placed on the inductive techniques of discovery. Includes the ideas of modern elementary school mathematics curricula. Does not apply toward a major or minor in mathematics. (Prereq.: Admission to Elementary Education Program)

314 INTRODUCTION TO MODERN ALGEBRA

A rigorous investigation of the basic structures of algebra including groups, rings, integral domains and fields. (Prereq.: 215. Fall)

324, 325 ADVANCED CALCULUS I, II

A study of the fundamental concepts of calculus for functions of several variables,

including the topology of Euclidean spaces, transformations, sequences and series of functions, improper integrals, differential forms and manifolds, and vector analysis. (*Prereq.*: 224, 324, Spring; 325, Fall)

351 MODERN GEOMETRY

A study of Euclidean and other geometries by synthetic, coordinate, vector and transformation methods. (*Prereq.*: 122 or 125, Spring, 1982, and alternate years)

373 PROBABILITY AND STATISTICS

An analytic study of probability and statistics, including probability distributions and densities, expectation, sampling distributions, central limit theorem, estimation, correlation and tests of hypotheses. (*Prereq.*: 224, Fall)

399 INTERNSHIP

Consult Chairperson or Internship Director to determine project.

441 FOUNDATIONS OF MATHEMATICS

Set theory, logic, axiomatic method, and development of number systems. (*Prereq.*: 314, 324, concurrent registration, or #, Spring, 1981. Offered alternate years)

481 TOPICS IN MATHEMATICS

Study of advanced topics selected from real or complex analysis, abstract algebra, topology, probability, statistics, or computer science. (*Prereq.*: 314, 324, or #, Spring)

499 INDEPENDENT STUDY

Topics defined through consultation between student and department.

COMPUTER SCIENCE

145 INTRODUCTION TO GENERAL COMPUTER PROGRAMMING

An introduction to computer methods including flowcharts, algorithms, and data representation. Extensive programming in a non-scientific higher level language, such as COBOL. Primarily for students in non-science areas.

Does not apply toward a major or minor in mathematics. (*Spring. Computer fee*)

245 INTRODUCTION TO SCIENTIFIC COMPUTER PROGRAMMING

An introduction to computer languages and methods. Techniques studied include flowcharts, algorithms, data representation and manipulation, hardware register operations, and computer organization. Programming in machine language, assembly language, and FORTRAN. Examples and applications primarily from science areas. Does not apply toward a major or minor in mathematics. (*Prereq: Math 125 or #, Fall. Computer fee*)

355 COMPUTER SCIENCE AND NUMERICAL METHODS

A study of methods used to solve problems on computers. Analysis of computational problems and development of algorithms for their solutions, application of a procedure-oriented programming language in numerical analysis. Topics include the general concept of iterative formulas, solution of equations, Newton's method, linear systems, interpolation, numerical differentiation and integration. Credit may be granted toward a mathematics major or minor. (*Prereq: C.S. 245 and Math. 224 or concurrent registration, Fall*)

Medical Technology

This major involves the completion of three years of academic work at Augsburg College and twelve months of internship at Hennepin County Medical Center, Metropolitan Medical Center or Northwestern Hospital. Specific recommended courses vary to some extent depending on the hospital with which the students plan to affiliate. It is important to work closely with the Medical Technology adviser. Augsburg College does not guarantee that all students will be accepted by the hospitals for the 12-month internship. Students must negotiate directly with the hospitals involved.

Required science courses: 1) Biology 111, 112 and two additional upper division (usually 367 and 476); 2) Chemistry: 105, 106 (or 115, 116), 351, 352, 353; 3) Physics: 103 (or 121, 122); one math course; one course in immunology.

Students transferring to Augsburg College with an Associate of Arts degree or its equivalent should expect to spend two years at Augsburg before participating in the internship year. The Medical Technology major is not designed for persons who already have the baccalaureate — degree from another institution.

Metro-Urban Studies (Interdisciplinary)

Director: *Garry W. Hesser*

MAJOR: 15 courses including the following core requirements: Economics 123; Political Science 122; History 431; Sociology 111, 381; Either Economics 379 or Sociology 362; Political Science 384 or Sociology 363; a minimum of one course of internship or independent study; plus two urban-related non-social science courses with an urban emphasis, at least one of which must be in the humanities (current options include: Art 102, Religion 354, English 351, Speech 342, Physics 103, Biology 101, 105).

To complete the major, the student has a choice among three emphases or tracks: Planning, Public Administration, or General/Liberal Arts. These five courses must include a minimum of three disciplines. Options include a wide variety of courses, interims, internships, independent studies, and urban courses at other

ACTC colleges, as well as those offered through the Higher Educational Consortium for Urban Affairs (see below).

MINOR: To be linked with appropriate majors (such as business administration, history, political science, psychology, religion, sociology, speech). The following core courses are required for the Concentration: Economics 120; Political Science 122; Sociology 111; Sociology 381; an approved Social Science Research course; an approved internship and/or independent study.

498 INDEPENDENT STUDY — METROPOLITAN RESOURCES

An independently designed course a student (or group of students) develops, making extensive, systematic and integrated utilization of resources available in the metropolitan community, e.g. lectures, symposia, performances, hear-

ings. These resources become the core of the course, supplemented by traditional college resources. The course is designed in consultation with and evaluated by a department faculty member.

Other Urban Studies options available through the Higher Educational Consortium for Urban Affairs (HECUA):

A. Metro-Urban Studies Term (MUST)

This program focuses upon the Twin City metropolitan area.

358 READINGS SEMINAR: URBAN ISSUES

Reading materials are assigned to complement morning field seminar topics. Included are government and institution publications, journal articles and books.

359 FIELD SEMINAR: TWIN CITIES METROPOLITAN AREA

Using the community as a classroom, students visit agencies, talk with specialists in various fields, and investigate current issues in the Twin Cities area. Topics include: geography, government, economics, historic preservation, populations, ethnic communities, transportation, planning and social services.

399 INTERNSHIP

Students are placed in a variety of public and private agencies for work experience. A learning contract is developed with MUST faculty approval. Students may choose an internship of one or two courses.

499 INDEPENDENT STUDY (Optional)

Independent Study is done in conjunction with a one-course internship. In

consultation with MUST faculty, student selects a specific topic for library and/or field research related to subjects of seminars and/or major academic interests.

B. Scandinavian Urban Studies Term (SUST)

This program is located at the University of Oslo and focuses upon Scandinavian urbanization and city planning.

372 NORWEGIAN LANGUAGE AND CULTURE

Students are placed in beginning, intermediate or advanced study depending on proficiency. Instruction emphasizes conversational vocabulary to support student course work and daily living in Oslo. An orientation to current issues in Norwegian life and society is coordinated with the language instruction.

373 GROWTH AND DEVELOPMENT OF SCANDINAVIAN CITIES

Themes on the growth, function, distribution, and social organization of Scandinavian cities are approached through a combination of lectures, guest speakers, and field work. Emphasis is placed on Norwegian urban development with comparative analysis of other Scandinavian countries.

396 URBAN PLANNING IN SCANDINAVIA

Theory and practice of Scandinavian approaches to urban development are viewed through a series of topical lectures, field trips, and guest speakers. Course focus is on the Norwegian planning system with comparative analysis of other Scandinavian countries.

499 INDEPENDENT STUDY

In consultation with SUST faculty, student selects a specific topic for library and field research related to subjects of seminar and/or major academic interests.

C. South American Urban Semester (SAUS)

This "semester in the city" program is located in Bogota, Columbia. It focuses upon urbanization and development in the Third World.

261 SPANISH LANGUAGE

Spanish instruction at intermediate or advanced levels.

362 PROSEMINAR: URBANIZATION IN LATIN AMERICA

Readings, discussions, and lectures in both English and Spanish, with aid of SAUS staff and visiting Columbian urbanists.

363 FIELD SEMINAR: WEALTH, POVERTY, AND COMMUNITY DEVELOPMENT IN THE LATIN AMERICAN CITY

Structured field course focusing on plight and prospects of the urban poor in Bogota, with field trips to other Colombian and foreign cities for comparison. Visits to various types of barrios and to public and private agencies dealing with urban problems.

499 INDEPENDENT STUDY

In consultation with SAUS faculty, student selects a specific topic for library and/or field research related to subjects of seminar and/or major academic interests.

D. San Francisco Summer Term

An eight-week program integrating a field seminar, an internship, and independent study.

382 FIELD EXPERIENCE

383 FIELD SEMINAR: SAN FRANCISCO

499 INDEPENDENT STUDY

Music

Chairperson: *Robert Karlén*

Students wishing to major in Music at Augsburg College must make application to the Music Faculty for acceptance into the programs. Such application should be made by the beginning of the sophomore year. (See Music Department handbook for further details.)

CORE CURRICULUM: All music majors must take the Core Curriculum of 6 music

courses: 101, 102, 223, 224, 260, 261; pass a piano proficiency test, perform in music organizations for 3 years, participate in Performance Workshop, and pass 3 music repertoire tests.

MAJOR: 12 courses: Core Curriculum described above, plus 350 or 476; 354 or 355; 365 or 375; 457, 458; 4 years of Performance Studies; recital performance.

TEACHING MAJOR: 11 courses: Core Curriculum plus 350 or 476; 457, 458; two of 354, 355, 365, 375; 3 years of Performance Studies; education courses; and recital performance. Consult with Department of Education for requirements in education.

BACHELOR OF MUSIC DEGREE: 17 courses: Core Curriculum plus 350, 457, 458, 476; two of 354, 355, 365, 375, 499 and electives; 4 years of Performance Studies with double periods in the last two years, and junior and senior recitals.

MAJOR IN MUSIC THERAPY (Bachelor of Science Degree): Core Curriculum plus 350 or 476; 354; 355 or 365; 457 or 458; 3 years of Performance Studies including at least one term of voice; recital performance optional: Music Therapy 360, 382, 383, 395, 399, 435, 495; Psych. 105, 362, and one of 264, 351, 355, 356, 357; Soc. 241 and one of 111, 121, 231, 375; elective in physical education (232 recommended); elective in speech (116 recommended). A maximum of 17 courses in Music and Music Therapy may be applied toward the 35 courses required for graduation.

Students need to apply for internship sites nine months in advance of starting date. Since the number of sites in Minnesota is limited, students may need to seek out-of-state internship placements.

This major normally requires four and one-half years for completion. Upon satisfactory completion of the program, the student is eligible to apply for certification/registration with the National Association for Music Therapy, Inc.

MINOR: 5 courses, 101, 102, 260 or 261, 458 and elective; plus 1 year of Performance Studies; 2 years in music organ-

izations; piano proficiency; and 2 music repertoire tests. Attendance at all Performance Workshops during the year of Performance Studies and 8 campus recitals also required.

Those wishing to minor in music should declare their intent by the end of their sophomore year, or at the completion of Theory 102.

HONORS MAJOR: Students may qualify for graduation honors in music if they (1) provide leadership in: the promotion of higher music performance standards within the Department of Music; breadth of musical interests by attendance at concerts both on and off campus; the performing organizations; the creation and/or promotion of smaller performing ensembles; (2) have earned a GPA of at least 3.3 in music courses; and (3) apply for the Honors Program at the beginning of the second term of the junior year.

Honors may be achieved by any one of the following ways: (1) two solo recitals of graduate quality; (2) a musical composition for vocal and/or instrumental ensemble of not less than 15 minutes duration and either a senior thesis and its defense before a faculty committee of a solo recital of graduate quality; (3) a senior thesis and its defense before a faculty committee and a solo recital of graduate quality.

Performance Workshop and Recital Requirements: Attendance at Performance Workshop and 14 campus faculty and student recitals is required of sophomore, junior and senior music majors. Music minors must attend 8 faculty and student recitals as well as all Performance Workshops during the year of their Performance Studies. All music majors and

minors must register for Performance Workshop at no credit. A recital in their area of Performance Studies concentration is required of majors during either the junior or senior year, except Music Therapy majors. A recital in their area of Performance Studies concentration is required of Bachelors of Music in both their junior and senior years.

Piano Proficiency Requirement: All majors and minors are required to pass a piano proficiency examination by the end of the sophomore year. Confer with department regarding specific requirements.

During the junior and senior years, a student who has been certified by the

Department of Music as a major for the Bachelor of Arts or Bachelor of Music degree, receives required lessons in the area of his concentration without extra cost. The total of Performance Studies credits earned under this provision may not exceed four semesters of weekly half-hour lessons.

TRANSFER STUDENTS IN MUSIC: A junior or senior student transferring to Augsburg College as a music major must take a placement test in music theory before registration. Application for acceptance into a music program should be made at the end of the student's first term at Augsburg, after passing the piano proficiency test.



101, 102, 223, 224 THEORY

Music Theory is an integrated course extending over four terms. Taught by a team of instructors, the various aspects of musical theory (i.e., ear training, harmony, counterpoint, and analysis) are presented in parallel, rather than in sequence. (101, 223, Fall. 102, 224, Spring)

230 INTRODUCTION TO THE FINE ARTS

The development of music through the study of selected works of great composers from each period. Emphasis is placed upon relationships between music and the other fine arts. For the non-music major (Fall, Spring)

260 HISTORY AND LITERATURE OF MUSIC

Music of the Baroque and Classical eras. (Fall)

261 HISTORY AND LITERATURE OF MUSIC

Music of the Romantic and Modern eras. (Spring)

325 SCANDINAVIAN MUSIC

In a historical approach to the study of music in the five Nordic countries, opportunity is offered for investigation into topics of particular interest. Suitable for both non-music and music majors.

330 VOCAL REPERTOIRE

A historical survey of solo vocal literature from 1600 to the present. The study includes such aspects of concern for the performer as interpretation, style, and diction. (Fall)

350 CHORAL TECHNIQUE AND ARRANGING

Fundamentals of voice culture as related to choral ensemble; methods, materials, techniques and arranging. (Spring)

354 INSTRUMENTAL TECHNIQUE

The technique of playing and teaching brass and percussion instruments. (Fall)

355 INSTRUMENTAL TECHNIQUE

The technique of playing and teaching woodwind instruments. (Spring)

365 INSTRUMENTAL TECHNIQUE

Elementary technique in the playing and teaching of string instruments. (Fall)

375 INSTRUMENTAL TECHNIQUE

Advanced technique in the playing and teaching of string instruments. (Spring)

380 MUSIC OF THE WESTERN CHURCH

Development and influence of the music of the Christian church. Designed for the general student as well as for organists, choir directors, and pre-theological students. (Fall)

440 ADVANCED MUSICIANSHIP

Offers an opportunity to apply information and techniques acquired in music theory and history classes to the study of 20th century music. (Prereq.: 224. Spring, alternate years)

457 CONDUCTING

Techniques of conducting, preparation of and conducting choral scores, organization of choral ensembles. (Fall)

458 CONDUCTING

Preparation of and conducting instrumental scores, organization of instrumental ensembles. (*Spring*)

476 ORCHESTRATION

The craft of orchestrating and arranging music for instrumental ensembles of varying sizes and types. (*Fall*)

488, 489 PIANO TEACHING METHODS

Instruction in the principles, methods, and techniques for teaching piano. Students will give individual lessons to children under the supervision of the instructor. No course credit. (*Fall, Spring*)

499 INDEPENDENT STUDY

Permits advanced and specialized studies and projects not otherwise provided for in the departmental curriculum. Open only to advanced students upon approval of a member of the faculty. (*Fall, Spring*)

MUSIC THERAPY**110 INTRODUCTION TO MUSIC THERAPY**

A survey of the music therapy programs in the surrounding area, with field trips to various institutions; an introductory course for the freshmen and sophomores considering music therapy as a major; gives the students a broad background in the ways in which music is used as a therapy. (*Interim*)

360 THERAPEUTIC RECREATIONAL MUSIC

Study of guitar and other non-symphonic instruments; basic understanding of Orff-Schulwerk; applications to clinical settings. (*Fall*)

382 PSYCHOLOGICAL FOUNDATIONS OF MUSIC I

An objective approach to musical stimuli and response, with an emphasis on the socio-psychological aspects of music. An understanding of the research process and development of an experimental research project.

383 PSYCHOLOGICAL FOUNDATIONS OF MUSIC II

Implementation of group and individual research projects, emphasis on music in a clinical setting. Various theories of learning music, musical talent, and performance. (*Prereq.:* 382)

395 INFLUENCE OF MUSIC ON BEHAVIOR

A study of man as he relates to music, with emphasis on psychological, cultural, and biological aspects of musical behavior.

399 MUSICAL THERAPY CLINICAL INTERNSHIP

Full-time placement in an internship setting approved by the National Association for Music Therapy for six months. This is started after completion of the senior year and is necessary for registration by the NAMT. Applications for internship sites must be made nine months in advance. Sites in Minnesota are limited.

435 MUSIC IN THERAPY

The study and application of the uses of music with the emotionally ill, mentally retarded, and physically handicapped. (*Prereq.:* 395)

495 PRACTICUM IN MUSIC THERAPY

Volunteer work in a clinical setting, two hours a week, six terms. No credit.

PERFORMANCE WORKSHOPS

An informal setting for student performances, seminars, and guest lecture demonstrations.

RECITALS

Student recitals afford an opportunity for public performance and acquaint students with all aspects of preparation and presentation of a quality performance.

PERFORMANCE STUDIES

Vocal and instrumental instruction is available to all students. For statement of fees, see under Financial Information. No course credit. (*Fall, Spring*)

Piano

Technique as needed, repertoire, performance, accompanying. Only those lessons in piano taken after the piano proficiency examination has been passed may be applied toward the music major or minor.

Organ

Technique as needed, repertoire, performance, hymn-playing, accompanying.

Voice

Correct habits of pronunciation and articulation, breath control, flexibility, ear training as needed, interpretation of songs.

Woodwind, Brass, String, and Percussion Instruments: Technique as needed, repertoire, performance.

MUSIC ORGANIZATIONS

The music organizations exist not only for the benefit of the music student, but for any student of the college who wishes to participate in groups affording opportunity for musical expression. The student must be carrying at least two courses each term. Participation for the full year is required. No course credit.

Brass Ensemble**

Choir*

Chorale**

Concert Band*

Jazz Ensemble**

Orchestra*

String Ensemble**

Woodwind Ensemble**

*Membership by audition.

**Membership by audition or consent of instructor.

Natural Science

Chairperson: *Earl R. Alton*

NATURAL SCIENCE MAJOR for teaching in Secondary Schools.

The Minnesota Board of Teaching has approved the licensure program for science teachers and has authorized Augsburg to recommend candidates for licensure in:

Life Science, grades 7-12

Life Science, (minor) grades 7-12

Physical Science, grades 7-12

Earth Science, grades 7-12

Earth Science, (minor) grades 7-12

Chemistry, (minor) grades 7-12

Physics, (minor) grades 7-12

Middle School Science, grade 5-9

PROGRAM COMPONENTS

The program of courses is designed to provide a broad, basic background in science and allow for specialization in an area. The following programs assume that the student will meet the general educa-

tion requirements of the college and, in the physical science, have at least one year of calculus.

BROAD BASE COURSES — 7 COURSES

Seven courses comprise the set for the broad base background.

1. Earth Science — 1 course
Physics 101 — Astronomy OR Physics 161 — Understanding the Weather
2. Life Science — 2 courses
Biology 111, 112 — General Biology
3. Physical Science — 4 courses
Physics 121, 122 — General Physics
Chemistry 115, 116 (or 105, 106) — General Chemistry

In order to make the program slightly more flexible, it is recommended that students with emphasis in life science have both courses in earth science and substitute Physics 103 — Physics for Physics 121, 122 — General Physics.

LIFE SCIENCE EMPHASIS — 8 COURSES

1. Cognate — Chemistry 223 — Elementary Organic Chemistry
2. Biology Component — 7 courses
Biology 491 — Seminar

At least one course from each of the following groups:

Group I —

Biology 351 — Invertebrate Zoology
OR Biology 353 — Comparative Vertebrate Zoology

Group II —

Biology 355 — Genetics OR Biology 474 — Developmental Biology

Group III —

Biology 361 — Plant Biology OR Biology 474 — Ecology

Group IV —

Biology 471 — Cellular Biology OR Biology 473 — Animal Physiology

Group V —

Biology 440 — Plant Physiology OR
Biology 476 — Microbiology

PHYSICAL SCIENCE EMPHASIS — 7 COURSES

Candidates may be recommended for licensure in Physical Science upon completion of either Physical Science Emphasis-Chemistry major or Physical Science Emphasis-Physics major. The student licensed in Physical Science may teach chemistry and/or physics in grades 7-12.

1. Chemistry Major

Chemistry 351, 352 — Organic Chemistry
Chemistry 353 — Quantitative Analytical Chemistry
Chemistry 361, 362 — Physical Chemistry OR Biology 367 — Biochemistry in place of Chemistry 362
Chemistry 482 — Advanced Inorganic Chemistry
Chemistry 491 — Seminar (no credit)
Physics 245 — Modern Physics

2. Physics Major

Physics 245 — Modern Physics
Physics 351 — Mechanics I
Physics 362 — Electromagnetic Fields I
Physics 395 — Comprehensive Laboratory

Three additional Physics courses to be selected from the following: Physics 261, Electronics; Physics 270, Optical Physics; Physics 352, Mechanics II; Physics 363, Electromagnetic Fields II; Physics 481, Thermal Physics; Physics 486, Quantum Mechanics.

BROAD BASE FOR TEACHING SCIENCE Grades 5-9 — 7 courses

1. Earth Science — 2 courses
Either Physics 101 — Astronomy OR Physics 161 — Understanding the Weather (the alternative course not taken in the BROAD BASE section)

-
2. Life Sciences — 2 courses
Any two biology courses above 112.
 3. Physical Science — 3 courses
Chemistry 223 — Elementary Organic Chemistry
Chemistry 353 — Quantitative Analytical Chemistry
Physics 245 — Modern Physics

CERTIFICATION WITH MINOR

Candidates requesting certification based upon minor preparation in life science

shall complete 7 courses in Biology in addition to the BROAD BASE.

Candidates requesting certification based upon minor preparation in chemistry or physics shall complete the broad basic competencies and shall have an additional 4 courses in either Physics or Chemistry. For Chemistry, these are Chemistry 351, 352 or 223, 353, 361 and 362 or 482. For Physics, these are any four courses above 122.

Nursing

Chairperson: *Beverly Nilsson*

Augsburg offers an upper division major in nursing leading to a Bachelor of Science degree.

Requirements for admission to the major are: completion of an associate degree or diploma program in nursing with a minimum overall grade point average of 2.5; a current license to practice as an R.N. in the state of Minnesota; and completion of courses in inorganic chemistry, organic or biochemistry, anatomy and physiology, microbiology, English composition, introductory sociology and introductory psychology. Students must take these courses at Augsburg or another accredited college or university prior to admission to the nursing major.

In addition, each applicant must successfully complete theoretical and simulated clinical performance testing prior to acceptance to the major. These tests are given at Augsburg through the Department of Nursing.

Applicants must give evidence of current nursing clinical practice, i.e. within the past five years. This may include 1) graduation from a school of nursing, 2) work experience, or 3) completion of a nursing refresher course or an acceptable equivalent.

MAJOR: 11 courses (10 course credits) in nursing including 303, 304, 310, 311, 325, 350, 403, 404, 423, 427, and 430. Speech 354 (Interpersonal Communications) is highly recommended. The required courses in sociology, psychology, English, chemistry, and biology listed above may apply toward distribution requirements as well as toward admission to the major. An upper division science course is required and must be completed during the first year of study in the nursing major. This is to be selected after consultation with a nursing faculty advisor.

Courses in the nursing major are designed so that they may be completed within two academic years. However, more than two years may be required to complete the total course of study, depending on the number of credits transferred from other colleges or universities.

303 CONTEMPORARY NURSING I (½ course)

This course will present principles of teaching and learning within a process framework of assessment, planning, implementation and evaluation. The students will have an opportunity to assess their own learning style, write behavioral objectives and develop a teaching plan for a selected client. *(Fall-Junior year. Prereq.: Acceptance into nursing major.)*

304 CONTEMPORARY NURSING II (½ course)

Students will assess their own leadership style and examine concepts of management as they relate to the professional nurse's role. *(Spring-Junior year. Prereq.: 303.)*

310 COMMUNITY HEALTH NURSING I

Focuses on systems theory, change theory and concepts of health as they apply to current community health issues and the practice of nursing. Students will do a health assessment of a client and will explore a community health issue related to the course content. *(Fall-Junior year. Prereq.: Acceptance to the nursing major.)*

311 COMMUNITY HEALTH NURSING II

This course provides a knowledge base for understanding community values of cultural groups as they relate to health care and the nurse's role in a community health team. Strong clinical component for application of knowledge from Community Health I and II. *(Spring-Junior year. Prereq.: 303, 310, 325.)*

325 NURSING ASSESSMENT

In this course the student will examine elements of assessment and selected assessment tools in the nursing process. The student will expand the use of communication skills for obtaining a health history and negotiating health goals. A developmental framework will be used to do a holistic assessment of an elderly person. *(Fall-Junior year. Prereq.: Acceptance into the nursing major.)*

350 INTRODUCTION TO NURSING RESEARCH

The research process and methods appropriate to nursing are the focus of this course. Issues of ethics in nursing research are explored. Students will critique nursing research and design a research project. *(Spring-Junior year. Prereq.: Acceptance into the nursing major.)*

403 CONTEMPORARY NURSING III

This course will examine the diversity of American families. Content includes the structure and the role, rule and communication patterns of families in light of situational and developmental crisis events. The emerging role of the nurse in providing family health care will be explored. *(Fall-Senior year. Prereq.: 304, 311, 325, 350. To be taken prior to or concurrently with Nursing 423.)*

404 CONTEMPORARY NURSING IV

This course deals with the integration of communication, leadership theory and the professional nurse role in the context of complex group interactions. *(Spring-Senior year. Prereq.: 403, 430. To be taken prior to or concurrently with Nursing 427.)*

423 PRECEPTORSHIP IN NURSING I

The preceptorship practicum offers the student an opportunity to implement a negotiated learning contract in a selected practice setting. This approach provides opportunities for developing objectives, selecting learning experiences and collaborating with faculty, preceptor(s), client and agencies, in providing complex nursing care. *(Fall-Senior year. Prereq.: To be taken concurrently with or following Nursing 403.)*

427 PRECEPTORSHIP IN NURSING II

This course is designed in the same manner as Nursing 423. It is a synthesis course utilizing knowledge and skills from nursing and liberal arts courses. Opportunity is provided to apply leadership theory to

groups in a selected practice setting. *(Spring-Senior year. Prereq.: 423, 430. To be taken concurrently with or following Nursing 404.)*

430 TRENDS AND ISSUES IN NURSING

A course designed to investigate the current responsibilities of the professional nurse. Contemporary social and professional trends and issues will be explored in light of their implications for nursing practice. *(Interim. Prereq.: None.)*

499 INDEPENDENT STUDY

In depth study of a learner-selected topic or issue. Students must consult with faculty and submit a written study proposal prior to registration.

Philosophy

Chairperson: *Kenneth Bailey*

MAJOR: 9 courses, including 130, 241, 242, 343, and 344.

MINOR: 5 courses, including two courses from 241, 242, 343, and 344.

HONORS MAJOR: Admission to the Philosophy Honors program is by recommendation of the philosophy faculty. Such recommendations will be made at the end of the junior year. The program will consist of an honors thesis on an approved topic of the student's choice, involving research above the course level, and a defense of this thesis before the faculty of the department.

Courses 110, 120, and 130 are recommended for fulfilling the general education requirement.

110 INTRODUCTION TO PHILOSOPHY: IDEAS AND METHOD

Though each person has his own set of ideas and beliefs, rarely have they been critically analyzed or evaluated for their consistency, adequacy or truth. One reason for this is that individuals lack the needed skills. Another is that they may have had little opportunity to examine critically some of the ideas basic to western culture. The purposes of this course are to provide the student with some experience in examining ideas, and thereby to sharpen the critical and analytical skills required to evaluate and construct a system of ideas and beliefs. *(Fall, Spring)*

120 ETHICS

Sometimes you say that a certain action is right or condemn it as wrong. Why do you think it is right? Because you like it? Are there better reasons for thinking something right or wrong? This course takes a long, hard look at possible grounds for making moral decisions, and at the moral judgments about personal and social issues resulting from them. (*Fall, Spring*)

130 LOGIC

Suppose someone gives you reasons, and then says you must accept a particular conclusion. Must you? When does a conclusion follow from premises? Here we examine the rules which govern valid arguments and work to develop your ability to recognize and construct sound arguments. (*Fall, Spring*).

241 HISTORY OF PHILOSOPHY I: PLATO AND ARISTOTLE

How, when and why did philosophy begin? Who were Socrates, Plato, Aristotle and the Stoics; what did they believe? Why did Plato think that the physical world was not overly important, and what did he value? How did Aristotle, the scientist, respond to this? The answers to these and other questions will be considered as to reveal what these great philosophers can contribute to our contemporary problems and ideas. (*Fall*)

242 HISTORY OF PHILOSOPHY II: MEDIEVAL AND RENAISSANCE PHILOSOPHY

The Middle Ages are often regarded as a period of darkness, whereas the Renaissance was a time of rediscovery and enlightenment. How dark were the

Middle Ages; how enlightened the Renaissance? We shall attempt to discover the grandeur of the Medieval philosophers, learn how the Christian tradition was carried forward in the Age of Faith, explore the worship of the world and the individual in the Renaissance and the new methodology of the 17th Century rationalists. (*Spring. Suggested prior course, 241.*)

343 HISTORY OF PHILOSOPHY III: ENLIGHTENMENT AND 19TH CENTURY PHILOSOPHY

Where does knowledge begin? In innate ideas or with experience? What can we really know about the world? What impact did Romanticism have on philosophy? This course studies the major empiricists of the 18th century (Locke, Berkeley, Hume). Kant's synthesis of philosophy, 19th century idealism, and the reaction to idealism in men such as Marx, Kierkegaard and Nietzsche. (*Fall. Suggested prior course, 241 or 242.*)

344 HISTORY OF PHILOSOPHY IV: CONTEMPORARY PHILOSOPHY

What lies behind 20th century philosophy's love affair with language? Is truth that which works? Can we remake philosophy as a rigorous science? These and other issues are dealt with in a study of the major representatives of linguistic analysis, pragmatism, existentialism, and phenomenology. (*Spring. Suggested prior course, 241, 242, or 343.*)

350 PHILOSOPHY OF RELIGION

What is the relation between faith and reason? Does God exist, and what can be said about him if he does? Can we reconcile the goodness of God with human and animal suffering? Is man really immortal?

Are miracles possible? We intend to conduct a systematic inquiry into these questions which form the basis of religious beliefs. (*Suggested: one prior course in philosophy.*)

355 ORIENTAL PHILOSOPHY

A study of the basic concepts and philosophies which underlie Hinduism, Buddhism, Confucianism and Taoism. (*Suggested: one prior course in philosophy.*)

360 PHILOSOPHY OF LANGUAGE

Every day we use language to buy and sell, praise and berate, communicate with friends. What is language? Could an individual be fully human without it? How does language relate to the world — can we really learn about the nature of things from words? Do the mathematician and the scientist have a language? Is it possible to have a language which only one individual can understand? We shall explore how philosophers have responded to these and other important questions about language. (*Suggested prior course, 130 or 344.*)

365 PHILOSOPHY OF SCIENCE

The scientist's knowledge of the world is purported to be profoundly different and better than that of the non-scientist. Is this true? What constitutes scientific knowledge? Are there certain real questions which science cannot answer? How certain are the methods used by the scientist to recover knowledge? In addition to dealing with these questions, students will work in researching and developing philosophical problems in the special sciences. (*Suggested prior course, 130 or one course in natural science.*)

370 EXISTENTIALISM

Studies in the writings — both philosophical and literary — of prominent Existentialist authors. We will examine what it means to be a being-in-the-world, and explore such themes as absurdity, freedom, guilt, despair and paradox. (*Suggested: One prior course in philosophy*)

380 MEDICAL ETHICS

Application of ethical principles to problems which arise in the areas of health care and delivery, human experimentation, human engineering, abortion, care for the dying and euthanasia.

410 TOPICS IN PHILOSOPHY

Advanced studies covering a specific area of philosophy, such as studies in the thought of individual philosophers, philosophical movements, the history of an idea or specific problem, or interdisciplinary problems. Seminar format. May be taken more than once for credit. (*Suggested prior courses, any from 241, 242, 343, 344 or #.*)

430 STUDIES IN INDIVIDUAL PHILOSOPHERS

Advanced studies in the philosophy of particular philosophers, e.g., Plato, Descartes, Marx, Hegel, Kierkegaard, Wittgenstein, etc. Seminar format. (*Suggestion prior courses: 241, 242, 343, or #*)

499 INDEPENDENT STUDY

Individual study and research on some philosophical topic of interest to the student, worked out in consultation with the faculty adviser.

Physical Education and Health Education

Chairperson: *Ernest Anderson*

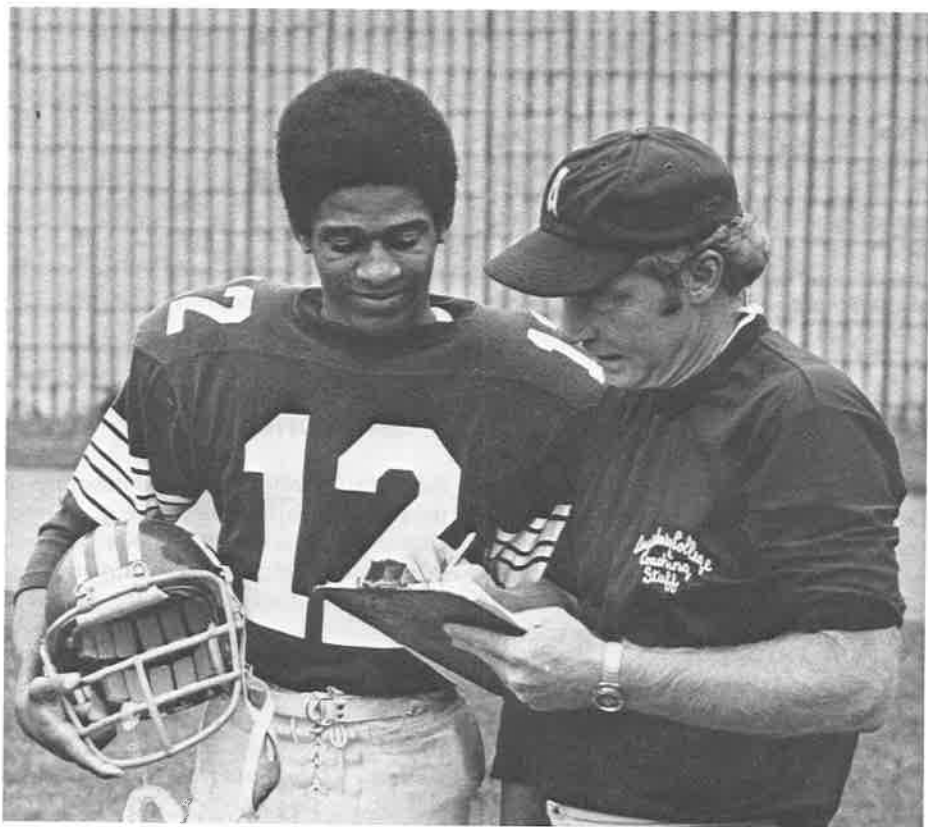
PHYSICAL EDUCATION

PHYSICAL EDUCATION MAJOR: H.Ed. 114, 115, 354, 355; P.E. 223, 231, 232, 350, 351, 471, 472, 474, 475; Biol. 103.

PHYSICAL EDUCATION TEACHING MAJOR: H.Ed. 114, 115, 354, 355; P.E. 223, 231, 232, 243, 350, 351, 365, 471, 472, 474; Biol. 103. Students wishing to become licensed teachers should consult with the Education Department for requirements.

PHYSICAL EDUCATION MAJOR WITH SPECIALIZATION IN CORRECTIVE THERAPY: H.Ed. 114, 115, 354, 355; P.E. 223, 231, 232, 243, 350, 351, 471, 472, 474, 491, 495; Biol. 103; Psychology 105, 355, 362. Approval for admission to Corrective Therapy major must be secured from the corrective therapy coordinator.

PHYSICAL EDUCATION MAJOR WITH SPECIALIZATION IN ADAPTED PHYSICAL EDUCATION: H.Ed. 114, 115, 354, 355; P.E. 223, 231, 232, 243, 350, 351, 365, 471, 472, 474, 485, 491; Biol. 103.



PHYSICAL EDUCATION MINOR: H.Ed. 114, 115; P.E. 223, 231, 232 or 472, and 243.

COACHING ENDORSEMENT: H.Ed. 114, 115; P.E. 243, 350, 351, 475, one of 476-480, and practicum in coaching (Practicum requires registration for Independent Study 499).

Physical education major plus coaching practicum meets the coaching requirement.

Coaches entering their first head-coaching assignment in Minnesota high schools are required to have at least a coaching endorsement in the field of physical education and athletics.

102, 103 LIFETIME SPORTS

Three hours per week. Two lifetime sports meet the general education requirement. No course credit. (*Fall, Spring*)

223 TEAM SPORTS

Theory and practice in skills, teaching, and officiating team sports. (*Spring*)

231 INDIVIDUAL AND DUAL SPORTS

Theory and practice in skills, teaching, and officiating individual and dual sports. (*Fall*)

232 RECREATIONAL ACTIVITIES AND RHYTHMS

Theory and practice in teaching recreational activities, social recreation, quiet games, low organized games, noon-hour activities, camp nights, modified games, simple rhythmic games, folk and square dancing. (*1/2 course. Interim*)

234 OUTDOOR EDUCATION

This course will look at a wide variety of outdoor activities that can be taught in a school setting. The following activities will be emphasized: Canoeing, back-packing, cycling, outdoor cooking, camping and water safety. Students must be prepared to spend some weekends participating in these activities. (*1/2 course. Spring*)

243 HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION

History, principles, and philosophy of physical education. (*Spring*)

350 KINESIOLOGY

Mechanics of movement with special emphasis upon the action of the muscular system. (*Prereq.: Biology 103; Fall*)

351 PHYSIOLOGY OF EXERCISE

The major effects of exercise upon the systems of the body and physiological principles applied to exercise programs and motor training. (*Prereq.: Biol. 103. Spring*)

354 TEACHING THE EXCEPTIONAL CHILD

(See Health Education)

355 TESTS AND MEASUREMENT

(See Health Education)

365 PHYSICAL EDUCATION METHODS (K-12)

Procedures, materials, and issues for teaching physical education at the elementary and secondary levels. (*Fall*)

373 MODERN DANCE

An introductory course in modern dance technique and creative composition. Exploration of movement, energy, form, and design. No previous dance experience necessary. (1/2 course. Interim)

399 INTERNSHIP

Consult department chairperson

471 PHYSICAL EDUCATION PROGRAMMING

Curriculum analysis and preparation. Administrative techniques and procedures. (Prereq.: 243. Fall)

472 GYMNASTICS

Theory and techniques of teaching gymnastics, stunts, tumbling, and special fitness activities. (1/2 course. Fall)

474 SWIMMING AND AQUATICS

Theory and practice in teaching swimming, life-saving, and water safety. Open only to junior and senior P.E. majors and minors. (Prereq: Swimming competence as determined by pre-test or satisfactory completion of Lifetime Sports, Swimming. 1/2 course. Fall)

475 PREVENTION AND CARE OF ATHLETIC INJURIES 1/2 course

Emphasis placed on preventing injuries. Treatment of common athletic injuries. Practical experience in taping and training-room procedures. (Prereq.: 350. Spring, 1st half of term)

476 COACHING OF FOOTBALL

1/2 course

Theory, technique and administrative aspects of coaching football. (1/2 course. Fall, 1st half of term, odd # years only)

477 COACHING OF BASKETBALL

1/2 course

Theory, technique and administrative aspects of coaching basketball. (Fall, 2nd half of term, odd # years only)

478 COACHING OF HOCKEY 1/2 course

Theory, technique and administrative aspects of coaching hockey. (Fall, 2nd half of term, odd # years only)

479 COACHING OF TRACK AND FIELD

1/2 course

Theory, technique and administrative aspects of coaching track and field. (Spring, 2nd half of term, odd # years only)

480 COACHING OF BASEBALL/SOFTBALL 1/2 course

Theory, technique and administrative aspects of coaching baseball and softball. (Spring, 2nd half of term, odd years)

485 APPLIED ADAPTED ACTIVITIES

Course includes consideration of ambulation, self care, adapted sports and games, and swimming for the handicapped. (Prereq.: 350, 351; H.Ed. 354. Summer school only)

491 THERAPEUTIC EXERCISE

A study of the treatment of disease and injury. Includes general principles and administration of neuro-muscular re-

education. (Prereq.: 350, 351; H.Ed. 354 Summer school only)

495, 496, 497 PROFESSIONAL AFFILIATION
Hospital affiliation of 444 hours required. Includes actual hospital experience in four areas of corrective therapy: (1) Psychiatry, (2) Orthopedics, (3) Neurology, and (4) Rehabilitation. Course 497 is study of Neurology and Pathology (Prereq. 485, 491 and approval of department.)

499 INDEPENDENT STUDY

Directed intensive study in an area of physical education. Open only to junior or senior majors.

HEALTH EDUCATION

HEALTH EDUCATION MAJOR: 110, 114, 115, 320, 354, 410; Biol. 103, 108, 111; Chem. 103 or 105; Psych. 105; Soc. 231, 241.

HEALTH EDUCATION TEACHING MAJOR: Same as health education major plus H.Ed. 355 and Educ. sequence for teaching license.

HEALTH EDUCATION MINOR: 110, 114, 115, 320; Biol. 103; Soc. 231.



110 PERSONAL AND COMMUNITY HEALTH

Modern concepts and practices of health and healthful living applied to the individual and the community. (*Fall*)

114 SAFETY EDUCATION ½ course

Principles and practices of safety education in school and community life. Includes American Red Cross First Aid course. (*Fall, Spring*)

115 CHEMICAL DEPENDENCY EDUCATION ½ course

An analysis of chemical abuse and what can be done for the abuser. (*Fall, Spring*)

320 SCHOOL HEALTH CURRICULUM

Techniques for developing a course of study based upon growth and development for grades K-12. Special work units in nutrition and diseases. (*Prereq.: All courses in the major sequence numbered in the 100 and 200 series; also #.*)

354 TEACHING THE EXCEPTIONAL CHILD ½ course

Education of the exceptional child with special reference to the analysis of functional and organic abnormalities and the role of school health and physical education programs. (*Prereq.: P.E. 350. Spring*)

355 TESTS AND MEASUREMENT ½ course

Survey of basic statistical procedures and evaluation of tests in health and physical education. (*Spring*)

410 ADMINISTRATION AND SUPERVISION OF THE SCHOOL HEALTH PROGRAM

Historical background, legal bases, school health services, and relationships to community health program and resources. Methods and materials in health education with laboratory experience in classroom and community. (*Prereq.: 320*)

Physics

Chairperson: *Kenneth Erickson*

MAJOR: 9 courses, including 121, 122, 245, 351, 362 and 395 plus three courses above 122. In planning their courses of study, students are encouraged to work closely with members of the physics faculty. Normally, students should have Mathematics 124, 125, and Physics 121, 122 the freshman year, and Mathematics 224 and 226 the sophomore year.

MINOR: 5 courses, including 121, 122, and three courses above 122.

HONORS MAJOR: A GPA of 3.6 in physics and 3.0 overall. An independent investigation of a physics topic with an oral defense of the written research report. Application for the honors major should be made no later than the first term of the senior year.

TEACHING MAJOR: The same as the major. Students are advised to refer to the Education Department section of the catalog and consult with the Education Department early in their planning.

SOCIETY OF PHYSICS STUDENTS: The Augsburg chapter of Society of Physics Students provides students the opportunities of membership in a national physics society and of participating in the physics community on a professional basis. Membership in SPS is open to all students interested in physics.

SIGMA PI SIGMA: Membership in the Augsburg chapter of this national physics honor society is open to those students who have completed the equivalent of a minor in physics and have a GPA of 3.0 in physics and 3.0 overall.

101 ASTRONOMY

A descriptive course requiring elementary algebra. Our solar system, stars and galaxies. The necessary optical instruments are explained and use is made of a 12-inch reflecting telescope, and eight-inch Celestron, as well as a 3-inch Questar. Occasional night viewing. (3 one-hour lectures. Fall, Spring)

103 PHYSICS FOR THE LIFE SCIENCES

An introductory course in which the applications, problems, and experiments are selected not only to illustrate fundamental principles, but also to demonstrate the relevance of physics to the life sciences. The course is designed to serve students in biology, psychology, physical education (therapy programs), medical technology and other health science programs. The course is also a very suitable elective or distribution requirement for the liberal arts student. (3 one-hour lectures, 2-hour laboratory. Prereq.: Elem. algebra. Fall)

121,122 GENERAL PHYSICS I, II

A rigorous study of the concepts of mechanics, fluids, heat, sound, optics, electricity and magnetism, and some aspects of modern physics. For majors in physics and other specified majors. Must be taken in sequence. (4 one-hour lectures, 3-hour laboratory. Prereq.: Mathematics 124 or concurrent registration. 121, Fall; 122, Spring)

245 MODERN PHYSICS

An introduction to modern physics from a historical and experimental basis. Relativity, quantum effects, atomic and molecular physics, nuclear and solid state physics. This course indicates the need for, and develops the experimental basis of quantum mechanics. (3 one-hour lectures. Prereq.: 122. Fall)

261 ELECTRONICS

The emphasis is on basic electronic principles and instrumentation. A review of D.C. and A.C. circuits before introducing solid state devices. The study of diodes, transistors and integrated circuits, with applications to both digital and analog circuits. (3 one-hour lectures, 3-hour laboratory. Prereq.: 122 or 103 plus Mathematics 122 or 125 and consent of instructor. Spring)

270 OPTICAL PHYSICS

The emphasis is on physical optics, using the complex expression for a wave throughout. Interference, diffraction, polarization, and an introduction to the electromagnetic theory. (3 one-hour lectures, 3-hour laboratory. Prereq.: 122. Fall)

351, 352 MECHANICS I, II

A careful study of classical mechanics in terms of Newton's laws of motion and the Lagrangian and Hamiltonian formalisms. Topics include conservation principles, single particle motion, systems of particles, oscillatory systems, central-force motion, dynamics of rigid bodies, gravitation, kinematics of two-particle systems and noninertial reference frames. (3 one-hour lectures. Prereq.: 122; Mathematics 226. 351, Fall; 352, Spring)

362, 363 ELECTROMAGNETIC FIELDS I, II

The classical electromagnetic field theory is developed using the vector calculus throughout. Electrostatics, magnetostatics, solution of Laplace's and Poisson's equations, electric and magnetic properties of materials, and the theory of electromagnetic radiation based on Maxwell's equations. (3 one-hour lectures. Prereq.: 122; Mathematics 226.. 362, Fall; 363, Spring)

395 COMPREHENSIVE LABORATORY

An emphasis on independent laboratory investigations, including participation in physics seminars. Experiments in the area of mechanics, thermodynamics, vacuum physics, electronics, electricity, magnetism, optics, and modern physics. (2 three-hour laboratory and 1 seminar hour per week. Prereq.: Junior standing or consent of instructor. Spring)

481 THERMAL PHYSICS

The study of properties of systems and processes for which temperature is an

important variable. The subject is developed from two independent yet complementary viewpoints; the experimental, macroscopic classical thermodynamics and the theoretical, microscopic statistical mechanics. (3 one-hour lectures. Prereq.: 351. Spring)

486 QUANTUM MECHANICS

A development from first principles, including de Broglie's postulates, the Schroedinger equation, operators, wavefunctions, expectation values, angular momentum, and approximation methods. Specific problems studied include potential wells and potential barriers, the harmonic oscillator, and the hydrogen atom. (3 one-hour lectures. Prereq.: 245, 351, 352. Fall)

488 TOPICS IN MODERN PHYSICS

The application of quantum mechanics to specific topics chosen from the areas of solid state physics, atomic and molecular physics, nuclear physics, and particle physics. (3 one-hour lectures. Prereq.: 486. Spring)

499 INDEPENDENT STUDY

An opportunity for students to explore systematically a problem in experimental or theoretical physics, worked out in consultation with a faculty adviser. Open to juniors and seniors with departmental approval.

Political Science

Chairperson: *Norma Noonan*

MAJOR: 9 courses, plus Statistical Analysis (Soc. 362). Required are 121 or 122 or 160 or 170; 158; 384; and at least 5 other *upper division* courses in 4 out of 5 areas.* A seminar in one of the five areas may be counted for that area.

MINOR: 5 courses, including: 121 or 122 or 170; 158; and at least 3 *upper division* courses in 3 out of 5 areas.*

HONORS MAJOR: The Honors Major in Political Science includes the requirements listed above, plus the following: The student's grade-point average must be 3.5 in the major and 3.0 overall. The student must take an Honors Independent Study and a seminar, and must submit, not later than March 1 of the senior year, an Honors Thesis to be defended before a faculty committee. Students may work with any member of the Department on their Honors Thesis. For specific requirements, consult the Honors Adviser, Dr. Noonan. Students should apply for the Honors Major no later than the first term of the junior year.

*The five areas are American Government and Politics, Comparative Politics and Analysis, International Politics, Public Law, and Political Theory and Analysis. (Any course listed in more than one area may be counted in only one area toward major or minor requirements.)

Students interested in secondary education may take a political science major in combination with specified social science courses, in compliance with state requirements. For more information, see the department chairperson or the Social Studies Education adviser.

See the class schedule for precise listing of terms in which courses are offered.

I. AMERICAN GOVERNMENT AND POLITICS

121 AMERICAN GOVERNMENT AND POLITICS

The politics of American government including the pattern of participation; the dynamics of congressional, executive, and bureaucratic policymaking; the contemporary structure of federalism; and current issues in American society.

122 METROPOLITAN COMPLEX

Politics in the urban setting, including important issues, actors, and structures influencing public policy in the modern urban complex. Discussion-lecture, simulation, and meetings with political experts and activists.

160 WORLD POLITICS

Introduction to the processes and issues of international politics, including the dynamics of the international system, theories of international relations, and a focus on recent problems.

325 AMERICAN POSITIVE STATE

The politics of public administration and bureaucratic policy-making in the American welfare-warfare state; governmental regulation, promotion and management, emphasizing political and economic interaction. (Prereq.: 1 course in Political Science or #)

326 POLITICAL PARTIES AND BEHAVIOR

The political behavior of the electorate emphasizing public opinion and political parties in the electoral process. Field work with political parties and interest groups and media in presidential elections (optional in non-presidential election years). (*Prereq.: 121 or #. Fall term of election years.*)

342 MASS COMMUNICATIONS IN SOCIETY

Effects of mass communications on individual behavior; the uses and control of mass media for political and social purposes including a study of censorship, newsmaking, entertainment and public affairs programming.

370 CONSTITUTIONAL LAW I

(Offered alternate years. See Section IV for description).

371 CONSTITUTIONAL LAW II

(Offered alternate years. See Section IV for description).

421 TOPICS IN AMERICAN POLITICS

Selected themes, including legislative, executive or judicial process, and policy process in American politics; national, urban or state focus; topic to be included in subtitle. (*Prereq.: Two courses in Political Science or #. Offered on demand.*)

II. COMPARATIVE POLITICS AND ANALYSIS

158 POLITICAL PATTERNS AND PROCESSES

An analysis of basic patterns in the political system and decision-making process with some comparison of major political systems and discussion of contemporary issues.

350 COMPARATIVE DEMOCRACIES

The emergence, maintenance and decline of selected democracies, focusing on political behavior, institutions, and processes. (*Prereq.: One course in Political Science or #*)

351 COMMUNIST POLITICAL SYSTEMS

A comparative analysis of the Soviet Union and other communist states in terms of political behavior, institutions, processes and politics. (*Prereq.: One course in Political Science or #.*)

381 DEMOCRATIC THEORY AND PRACTICE

(See Section V for description)

459 TOPICS IN ELITE AND MASS BEHAVIOR

In-depth study of the elite and/or mass participation in the political system. (*Offered on demand. Prereq.: One course in Political Science or #.*)

III. INTERNATIONAL POLITICS

160 ISSUES IN WORLD POLITICS

Contemporary issues and problems in international politics in the context of democratic values and processes; moralism, legalism, and realism in foreign policy.

363 COMMUNIST FOREIGN POLICIES

Analysis of the motivation, formulation, and implementation of foreign policies of Communist nations with emphasis upon the Soviet Union and China. (*Prereq.: One course in Political Science or #.*)

461 TOPICS IN INTERNATIONAL POLITICS

Selected themes including interpretations of international politics, foreign policy decision-making, simulations of international problems. Topic to be included in subtitle. (*Prereq.: One course in Political Science or #. Offered alternate years.*)

IV. PUBLIC LAW

170 LAW IN THE UNITED STATES

A survey of American law and legal process. Theories of law; law and society; roles of courts, police, lawyers, and juries; the United States Constitution as "supreme" law; law as politics; historic and contemporary legal issues.

370 CONSTITUTIONAL LAW I

The legal-political-philosophical role of the judiciary in the American constitutional system, emphasizing significant Supreme Court cases involving the United States government and the federal system. (*Prereq.: 170 or #. Offered alternate years.*)

371 CONSTITUTIONAL LAW II

Constitutional limitations of the Bill of Rights and of the Fourteenth Amendment as applied by the Supreme Court to the protection of human rights and civil liberties of individuals. (*Prereq.: 170 or #. Offered alternate years.*)

V. POLITICAL THEORY AND ANALYSIS

158 POLITICAL PATTERNS AND PROCESSES

(See Section II for description)

380 WESTERN POLITICAL THOUGHT

A study of influential political philosophers from Plato through Rawls, emphasizing the values, goals, and assumptions which continue to inform and to rationalize human governance. (*Prereq.: One course in Political Science or #.*)

381 DEMOCRATIC THEORY AND PRACTICE

A study of democratic theory and public policy practice with focus on the emergence of political democracy, capitalism and the welfare state in comparative perspective. (*Prereq.: One course in Political Science or #.*)

382 MARXIST VISIONS: PAST, PRESENT, AND FUTURE

Origins and evolution of Marxist theory and movements emphasizing Marxism as developed in Russia and China. Consideration of the political, social, and economic dimensions of the theories, with some focus on the preferred futures envisaged in the doctrine. (*Prereq.: 158 or #. Offered alternate years.*)

384 POLITICAL ANALYSIS

Theory and methods of empirical political analysis, including communications theory, simulation, systems' theory, structural-functionalism, power concepts, psychological and economic approaches

to political study, and a survey of the methods common to empirical social science. (*Prereq.: Statistical Analysis; Political Science 158 and two upper division courses, or #.*)

VI. SEMINARS, INDEPENDENT STUDY AND INTERNSHIPS.

199 INTERNSHIP

Lower division internship. Consult Internship Supervisor in the department to determine project. (*Fall, Interim, Spring.*)

295 LOWER DIVISION SEMINAR

Special topics. Consult department chairperson concerning terms and subject matter. (*Offered on demand*)

299 DIRECTED STUDY

Independent study for lower division students. (*Prereq.: #. Fall, Interim, Spring*)

399 INTERNSHIP

Consult Chairperson or Internship Director to determine project. (*Prereq.: #. Fall, Interim, Spring*)

495 SEMINAR

Selected topics. Consult department chairperson concerning terms and subject matter. (*Prereq.: #.*)

498 INDEPENDENT STUDY: METROPOLITAN RESOURCES

An independently designed course a student (or group of students) develops, making extensive, systematic and integrated utilization of resources available in the metropolitan community, e.g. lectures, symposia, performances, hearings. These resources become the core of the course, supplemented by traditional college resources, and designed in consultation with and evaluated by a faculty member of the department. (*Prereq.: #. Fall, Interim, Spring*)

499 INDEPENDENT STUDY

Topics defined through consultation between instructor and student. (*Prereq.: #. Fall, Interim, Spring*)

Psychology

Chairperson: *Norman Ferguson*

MAJOR: 10 courses including 105, 264, 265, 381 or 399, and 493, with a minimum of 5 courses at Augsburg. Physics 103 is also required. The major program should include 105 in the freshman year, 264 and 265 in the freshman or sophomore year,

381 or 399 in the junior year, and 493 in the senior year. The major program is planned in consultation with an adviser in the psychology department and it is approved by the department chairperson. The overall plan is directed toward a basic understanding of the discipline of psychology and toward the particular educational,

vocational and professional goals of the individual student. A written plan for the major should be completed and approved by the beginning of the junior year.

Not more than two courses from among 299, 399 and 499 may be counted toward the minimum 10 psychology courses required for a major. It should be noted that this restriction applies toward the minimum requirement only. The student may actually take more such courses.

It is recommended that psychology majors take additional course work from other areas that will complement and strengthen their particular interests in psychology. For example, developing a minor in business administration, biology, or communication is recommended for many students.

MINOR: 5 courses including 105, with a minimum of 2 courses at Augsburg. Not more than one course from 299, 399, and 499 may be counted toward the minor.

HONORS MAJOR: Students may qualify for honors in psychology with a 3.5 grade point average in the major, a 3.0 grade point average overall, and completion of a high quality research project culminating the major program. Application for honors consideration must be made during the junior year. Please consult the department chairperson for more detailed requirements.

105 GENERAL PSYCHOLOGY

An introduction to the methods and approaches used in psychology for the purpose of understanding behavior. The structure of the field of psychology, including its major sub-areas, is emphasized. (*Fall, Spring*)

251 SENSING AND PERCEIVING

An ecologically oriented approach to the study of perceptual systems. Emphasis on the processing of environmental information and how this relates to adaptive behavior and subjective experience. Major topics include: adaptation to novel environments such as outer space, animal & machine intelligence, and anomalous perception such as illusions. (*Prereq.: 105*)

264, 265 RESEARCH METHODS: DESIGN, PROCEDURE, AND ANALYSIS I, II

A two-term sequence including experimentation in human and animal learning, problem solving, social psychology, and sensation-perception. Emphasis will be placed on both statistical and experimental design methodology. Research Methods I may be taken for credit without continuing in Research Methods II. Majors in psychology must take both terms of the two-term sequence; 264 must precede 265; 265 should be taken in the term immediately following 264. (*Prereq.: 105. 264, Fall, Spring; 265, Fall, Spring*)

299 DIRECTED STUDY

Limited registration by special permission. Specific planning for the study must be completed and approved well in advance of the time of registration.

351 DEVELOPMENTAL PSYCHOLOGY: CHILD

Emphasis on normal child development and behavior. Consideration of theoretical systems used for viewing the developmental sequence and process. Active inquiry into practical implications and applications of data and theory in respect to the development of children. (*Prereq.: 105*)

**352 DEVELOPMENTAL PSYCHOLOGY:
ADOLESCENT AND ADULT**

Emphasis on normal development and behavior of the adolescent and adult. Theoretical bases used for building understanding of and appreciation for the developmental process. Active consideration of the meaning that data and theory have for the development of people in the adolescent and adult periods of life. (Prereq.: 351)

355 BRAIN & BEHAVIOR

A survey of the functions of the nervous system which are responsible for behavior in animals and human beings. Major topics include: sleep & wakefulness, motivation & emotion, learning & memory, and mental disorders. (Prereq.: 105 and one course in biology. Fall)

356 ENVIRONMENT AND BEHAVIOR

A study of the influence which the environment, both natural and man-made, has on behavior. Major topics include: overcrowding and environmental stress, territoriality, defensible space & crime, and built environments such as rooms, buildings & cities. (Prereq.: 105. Spring)

357 LEARNING

Learning concepts, behavior change principles and psychology of instruction. Behavior change and individualized instruction projects. (Prereq.: 105)

359 MEASUREMENT

Theory and principles of measurement. Analysis and practicum with achievement, interest, personality and intelligence tests. (Prereq.: 105)

361 PERSONALITY

An introduction to the field of personality study with special attention directed toward personality theories and contemporary application of those theories. (Prereq.: 105. Fall)

362 BEHAVIOR DISORDERS

A review of maladaptive human behaviors from the social, organic and psychological points of view. Experience in a variety of community service units will accompany classroom learning. (Prereq.: 361. Spring)

**371 PSYCHOLOGY OF THE
INDIVIDUAL: FEMALE AND MALE**

A study involving knowledge of materials bearing on the development of sex differences and roles, the effect of society upon values and goals, differential legal status and feminist movement views, and physiological data bearing on these differences. (Prereq.: 105 or #)

373 ORGANIZATIONAL PSYCHOLOGY

Theoretical conceptualizations of organizational behavior. Factors and practices such as management styles, evaluation and maintenance of work effectiveness, and social influences. An organizational field experience. (Prereq.: 105)

375 SOCIAL PSYCHOLOGY

See under Department of Sociology.

381 PSYCHOLOGY IN HISTORICAL PERSPECTIVE

Historical development of psychological viewpoints and theoretical positions. (Prereq.: two psychology courses)

399 INTERNSHIP

Interested students should consult with the departmental internship coordinator regarding requirements and permission to register.

485 COUNSELING PSYCHOLOGY

Principles, methods, and attitudes involved in the counseling process. Consideration given to goals and ethical guidelines for a counseling relationship. (Prereq.: 5 courses and senior standing. Spring)

490 CURRENT TOPICS IN PSYCHOLOGY

Study of selected areas and topics in psychology that are not treated extensively through current course offerings. Specific topics will be published prior to registration. (Prereq.: 105 and #).

493 SEMINAR: CONTEMPORARY ISSUES

Discussion of contemporary societal issues from a psychological viewpoint. Consideration of the approaches and methods used by psychologists in studying such issues. (Prereq.: 5 courses.

499 INDEPENDENT STUDY

Limited registration by special permission for advanced students in psychology. Students must present a written plan prior to registration including carefully considered rationale and purpose for the proposed study.

Religion

Chairperson: *Eugene M. Skibbe*

Religion 111 or 221 is prerequisite to all other courses.

Department approval is necessary before courses taken in other colleges can be accepted for Religion Department and/or general education course credit.

ACADEMIC MAJOR: 8 courses, including 111, 221, 356, 481 and a seminar especially for majors to be taken in the junior or senior year. Only one interim course may be applied to the major. One

upper division New Testament Greek course may be applied to the major. One course required from those numbered 361-363 and one from those numbered 471-475.

CHURCH STAFF WORKER RELIGION MAJOR: 9 courses, including 111, 221, 356, 362, 399, 481, 354 or 358, 360 or 483, 471 or 473. These together with specified courses in other departments can lead to Augsburg certification.

PUBLIC SCHOOL RELIGION MAJOR: The Minnesota Department of Education

does not at the present time grant teacher certification for a religion major or minor. To prepare for teaching about religion in public schools, the student should work closely with the Religion Department to design a program which includes: a) a major in an academic field which is certifiable by the state for elementary or secondary teaching, and b) a religion major of 8 courses, including 111, 221, 355, 356, 360, 363 and 471.

HONORS MAJOR: GPA of 3.3 in the major and 3.0 over-all; research project approved by the department and colloquium with the department.

MINOR: 5 courses. Not more than one interim course may be counted for the minor.

111 INTRODUCTION TO THEOLOGY

An introduction to the academic discipline of theology and to the dialogue between the church and the world which concerns Christian doctrine. (*Fall, Spring*)

221 BIBLICAL STUDIES

The origin, literary character, and transmission of the biblical documents. The task of biblical interpretation. The history of Israel and the emergence of the church. (*Fall, Spring*)

350 PHILOSOPHY OF RELIGION

See under Department of Philosophy

353 DENOMINATIONS AND SECTS IN AMERICA

A study of the beliefs and worship practices of the major denominations and

sects. Some contemporary cultic movements will also be considered.

354 LIFE OF THE CHURCH IN THE LIFE OF THE CITY

The Gospel and various forms of ministry evident in urban structures.

355 THE STUDY OF RELIGION IN THE PUBLIC SCHOOLS

The history of studying religion in public schools, the problems associated with such efforts, the resources available to the teacher and the actual teaching itself will be examined. The theological, as well as the legal and educational implications will be analyzed and discussed. (*Spring, 1980-81*)

356 HISTORY OF RELIGIONS

An introductory survey of some of the major living religions of the world, including Hinduism, Buddhism, Confucianism, Taoism, Shinto, and Islam. Lectures plus some discussion of primary documents from these religious communities.

358 LIFE AND WORK OF THE CHURCH

Congregational life in its varied character with attention directed to Christian education and curriculum, youth work and parish work. (*Offered 1981-82*)

360 RELIGION AND SOCIETY

An examination of the interaction of religion and society in terms of sociological analysis with particular emphasis on contemporary sociological research on religious movements in American society.

361 CHURCH FATHERS

A study of the early Christian Church in the context of the Roman Empire, including such topics as persecution and martyrdom, the development of the creeds, Christianity in conflict with Gnosticisms and mystery religions, monasticism and mysticism, early Christian worship; also including the theology of several early Christian leaders and a special unit on the life and thought of Augustine.

362 THEOLOGY OF THE REFORMERS

An introduction to the theological thought of the Protestant reformers of the sixteenth century. Special attention to the writings of Martin Luther and other representative figures. *(Fall)*

363 RELIGION IN AMERICA

A study of the development of religion in America. Special attention to the rise of religious liberty, revivalism, denominations and the responses of religion to the challenges of its environing culture.

364 SCANDINAVIAN IMMIGRANT CHURCH HISTORY

Topics and themes related to church history and Scandinavian immigration to this country.

380 MUSIC OF THE WESTERN CHURCH (See under Department of Music)

399 INTERNSHIP

Limited to students who have completed at least four academic courses, have at least first semester Junior standing, and satisfy department guidelines.

471 JESUS AND HIS INTERPRETERS

Consideration of the New Testament Documents, particularly the Gospels, dealing with their context, literary structure and relationships. Attention to the variety of interpretations given the person of Jesus, including the "quest for the historical Jesus." *(Fall)*

472 THEOLOGY OF PAUL

A study of the Apostle Paul including his historical background, his relationship to the early church, and some of the themes to be found in his writings. *(Offered 1981-82)*

473 THE MESSAGE OF THE OLD TESTAMENT

The various types of Old Testament literature. The distinctive ideas of Hebrew thought with emphasis on the message of the prophets. *(Offered 1980-81)*

475 JUDAISM

A survey of the history of Judaism from the end of the Old Testament period to modern times, with emphasis placed upon the religious development. A special interest in such modern Jewish thinkers as Buber and Heschel. The Jewish Chatauqua Society annually makes a grant to Augsburg College in support of this course in Judaism offered in the religion department. *(Fall)*

481 CONTEMPORARY THEOLOGY

An introduction to some representative trends in Christian theological thought today, as seen from the systematic perspective, in the light of the continuing theological task of the Christian Church. *(Spring)*

482 CONTEMPORARY ROMAN CATHOLIC THEOLOGY

New trends of Roman Catholic theology as expressed in the writings of some of its representatives. Relation of new theological and biblical insights to the dogmatic definitions of the church. (Fall)

483 CHRISTIAN ETHICS

The bases of Christian social responsibility, in terms of theological and sociological dynamics. Emphasis on developing a con-

structive perspective for critical reflection upon moral action.

495 SEMINAR

Selected topics. Required of majors in the junior or senior year. Others by permission of instructor. (Fall)

499 INDEPENDENT STUDY

Limited to students who are religion majors and satisfy departmental guidelines.

Russian Area Studies

Coordinator: *Norma C. Noonan*

The major in Russian Area Studies is a cooperative program of the Associated Colleges of the Twin Cities (ACTC). It seeks to give the student the broadest possible exposure to Russian and Soviet life, history, politics, literature, tradition, and philosophy. In addition to providing a good liberal education, the program can enable students to prepare for graduate study, or careers in areas such as government, international business, or teaching.

MAJOR: 11 courses

- 4 courses (2 years) of basic college Russian (or equivalent competencies)
- 2 courses in Russian history

- 1 course in Marxist theory
- 1 course in Russian literature
- 1 course in Soviet politics
- 2 other courses of approved electives.

MINOR: 6 courses

- 2 courses (1 year) of basic college Russian (or equivalent competencies)
- 1 course in Russian history
- 1 course in Soviet politics
- 1 course in Marxist theory
- 1 other course from the approved list of electives

Each student's major program must be approved by the Coordinator.

Scandinavian Area Studies

Director: *Mildred Joel*

MAJOR: 8 upper division courses.

MINOR: 4 upper division courses.

Major programs must contain 4 courses listed in the Augsburg Catalog or transferred to Augsburg as upper division Scandinavian Area Studies courses, i.e., courses taught by a Scandinavian language department or subdepartment regardless of their content, which may be linguistic, literary or cultural. Students graduating with a major or minor must also present the equivalent of intermediate level competence in a Scandinavian language. See Norwegian courses under Department of Foreign languages.

312 OLD NORSE

An introduction to the structure of Old West Norse through the study of selections from Old Norse literature. Some attention given to Old East Norse and aspects of the history of four modern Nordic languages. Knowledge of one of the latter is desired but not required. Norwegian language majors and minors will have special assignments. (Offered Spring, 1981.)

325 SCANDINAVIAN MUSIC

See under Department of Music.

330 CONTEMPORARY SCANDINAVIA

A broad survey of Scandinavian culture with special emphasis on conditions and

developments in the twentieth century. Knowledge of a Scandinavian language desirable but not required.

345 SCANDINAVIAN — AMERICAN EXPERIENCE

The Old World background and use of "America Fever," adaptation to the New Land, aspects of Scandinavian — American culture. (*Offered on Demand*)

351 THE MODERN SCANDINAVIAN NOVEL

Lectures provide a survey of the Scandinavian novel. Class discussion based on assigned reading of selected novels by Jonas Lie, Sigrid Undset, Selma Lagerlof, Par Lagerkvist, Knut Hamsun, Halldor Laxness and others. Knowledge of a Scandinavian language desirable. Language majors and minors will be required to do assigned readings and written work in a Scandinavian language. (*Offered alternate years. Spring, 1981*)

352 THE MODERN SCANDINAVIAN DRAMA

Readings include dramatic works by Ibsen, Bjornson, Strindberg, Lagerkvist, Munk and other twentieth century dramatists. Lectures provide a survey of Scandinavian drama with emphasis on Ibsen and Strindberg. Knowledge of a Scandinavian language desirable.

Language majors and minors will be required to do assigned readings and written work in a Scandinavian language. (*Offered alternate years. Fall, 1980*)

364 SCANDINAVIAN IMMIGRANT CHURCH HISTORY

Offered under Department of Religion.

372 NORWEGIAN LANGUAGE AND CULTURE

Offered under Higher Education Consortium for Urban Affairs. See Metro-Urban Studies, Scandinavian Urban Studies Term (SUST).

373 GROWTH AND DEVELOPMENT OF SCANDINAVIAN CITIES

Offered under Higher Education Consortium for Urban Affairs. See Metro-Urban Studies, Scandinavian Urban Studies Term (SUST).

382 SCANDINAVIAN ARTS

See description under Department of Art.

396 URBAN PLANNING IN SCANDINAVIA

Offered under Higher Education Consortium for Urban Affairs. See Metro-Urban Studies, Scandinavian Urban Studies Term (SUST).

450 NINETEENTH CENTURY SCANDINAVIA

Offered under Department of History.

495 SEMINAR: ETHNIC/IMMIGRATION EXPERIENCE

Offered periodically under Department of History 495 Seminar.

499 INDEPENDENT STUDY

In consultation with a faculty member, student selects a specific topic for study.

Social Science

Adviser: *Orloue N. Gisselquist*

MAJOR: 14 courses. Particularly designed for those preparing for secondary school teaching in social studies. The Social Science major is also recommended for others, such as pre-law students, who desire a broad major in this area. This major may be earned in any one of four distributions. A student may not list a double major in Social Science and one of the several component disciplines unless the distribution selected in the Social Science major is significantly different from the other major.

Students wishing to become licensed teachers are advised to consult with the Education Department for licensure requirements.

A. HISTORY EMPHASIS

1. 7 history courses; 2 American, 2 Ancient-Medieval-Modern Europe, 2 non-Western, 1 seminar. At least 4 of these must be upper division.
2. 2 political science courses.
3. 1 social science methodology course from: Bus. or Econ. 379, Quantitative Methods for Economics and Business; Psych. 264, Research Methods I; Soc.

362, Statistical Analysis: Soc. 365, Quantitative Analysis and Program Evaluation.

4. 4 courses from any 4 of these disciplines: anthropology, economics, geography, psychology, sociology.

B. BEHAVIORAL SCIENCE EMPHASIS

14 courses, at least 5 of them upper division, from economics, history, political science, psychology, and sociology (including anthropology). These must include:

1. 2 or more courses from each of 3 of the disciplines.
2. 5 or more courses from another of the disciplines other than history.
3. 1 American history course (may be part of requirement 1).
4. 1 social science methodology course from: Bus. or Econ. 379, Psych. 264, Soc. 362 or 365 (may be part of requirement 1 or 2).

C. NON-WESTERN STUDIES EMPHASIS

1. Hist. 103, The Modern World.
2. 12 courses in non-Western studies, with at least 4 disciplines represented, from the following: Econ. 122, 258; Hist. 104, 440, 463, 464, 465, 474, seminar, independent study, or interim course on a relevant topic; Poli. Sci. 351, 363, 382, 461; seminar, independent study, or interim course on a rele-

vant topic; Philosophy 355; Religion 356; Sociology 241.

3. 1 social science methodology course from: Bus. or Econ. 379, Psych. 264, Soc. 362 or 365.

D. INTERNATIONAL RELATIONS EMPHASIS

1. 4 lower division courses: Econ. 122, Hist. 103 or 104, Poli. Sci. 158 or 160, 4th term of college work in a modern foreign language.
2. 3 upper division courses: Hist. 332, Poli. Sci. 363, 461.
3. 7 electives, no more than 5 from any one discipline, from: Econ. 251, 258, 495, seminar, independent study or interim course on a relevant topic; Hist. 416, 404, 463, 464, 465, 474, seminar, independent study or interim course on a relevant topic; Poli. Sci. 350, 351, 380, 381, 382, seminar, independent study or interim course on a relevant topic; Sociology 241; 4th term of college work in a second modern foreign language.

Social Science Minor: 5 courses, one from each of five disciplines, selected from the following: anthropology, economics, geography, history, political science, psychology, and sociology. The selection of courses must be approved by one of the faculty supervising the social science major.

Social Work

Chairperson: *Edwina Hertzberg*

The core program of Social Work begins in the junior year, but all students are advised to take Social Work 257 as freshmen or sophomores unless exempted by the faculty, and should seek advisement from faculty as to sequence of requisite courses from other departments.

MAJOR: The Augsburg Social Work Program is a professional program in preparation for social work practice leading to a Bachelor of Science degree. The core program consists of Bio. 101*, Psych. 105*, 351*, and 352*; Soc. 121*, 231*, 365, 375*, and 383*; and Social Work 257, 361, 363, 364, 461, 462, 463, 464, 465, 466 and 467.

Recommended courses are: one CHR, Soc. 111, Econ. 123, Poli. Sci. 121, 325, 326, Speech 354 and/or 355.

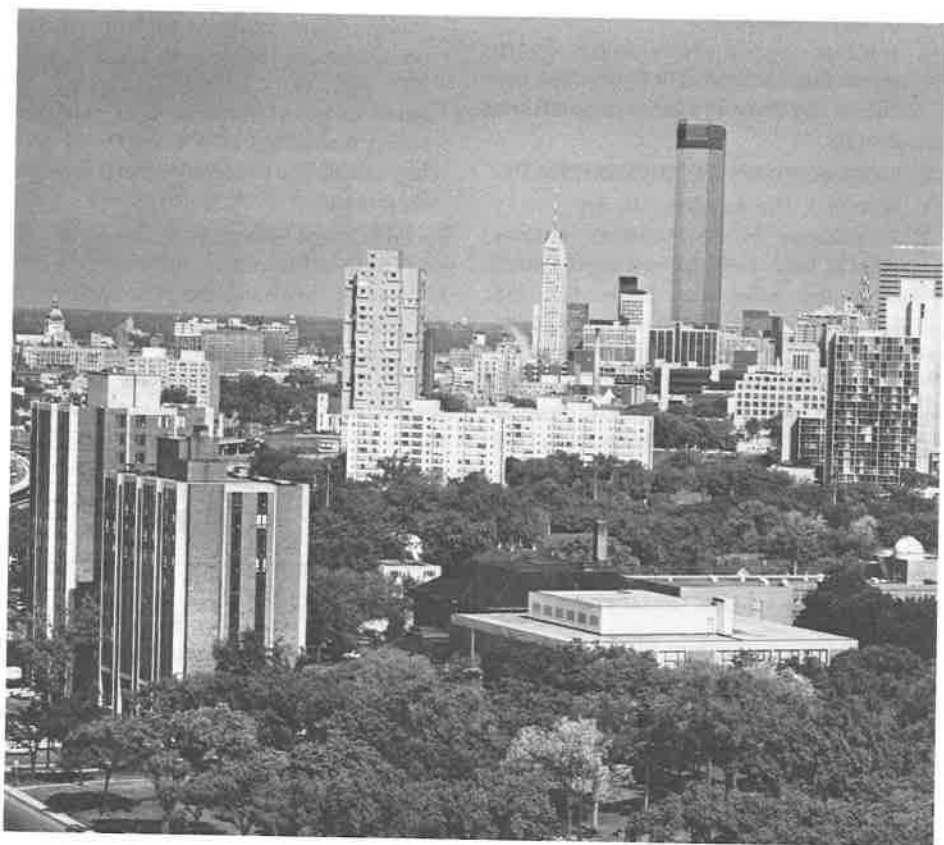
**These courses are to be completed before the beginning of the senior year.*

SPECIALIZATION: Specializations in Aging Chemical Dependency, Youth and Crime and Corrections are possible. Specialization consists of courses descriptive of functional, dysfunctional and programmatic aspects, plus field work placement in the senior year in the special area. Completion of a specialization is noted on the transcript.

SCHOOL SOCIAL WORK: State Department of Education required Human Relations Certification for school social work is available through successful completion of Ed. 388.

257 PRACTICUM IN THE HUMAN SERVICES

With faculty approval, student selects a placement for 30 hours per week as a volunteer in a social agency or institution.



Opportunity to know social work professionals, social service delivery systems, and career aspects of the helping vocations. Independent study with a term paper report and weekly review conferences. Especially recommended for freshmen and sophomores. Open to all students. (*Interim*)

340 POLICIES, PROGRAM AND SKILLS FOR THE AGING

This course will include the study of the impact of social policy on the older population, older population impact on social policy, services planned to address needs of older population and skills needed to work with this population. Class conducted in Senior Citizen Residence. (*Prereq.: Course work in Human Development, Systems of Social Welfare, experience in work with the aged, #.*)

361 SYSTEMS OF SOCIAL WELFARE

An examination of fundamental aspects of the various systems of social welfare in the U.S. and the role of social work in them. Special emphasis on analysis of the major assumptions and movements contributory to the rise of the welfare state; description of a selection of modern service systems, the profession of social work, its ethics, values, and historical development. Three class periods per week; guest lectures, research paper. (*Prereq.: Junior, or #. Fall*)

363 METHODS AND SKILLS OF SOCIAL WORK

Basic features of the helping process; theoretical foundations, principles and techniques of social work interventive methods, and practical experience necessary for social work practice with indi-

viduals and small groups; development of the student's repertoire of relationship building skills. Two class periods of lecture-discussion sessions and/or laboratory exercises per week. (*Prereq.: 361, Junior. Spring*)

364 FIELD WORK I

Beginning supervised professional experience in a social work agency focusing on interviewing experience and relationship building. Ten hours per week, plus one small group supportive/discussion seminar per week. (*Prereq.: 361, Junior, concurrent with 363. Spring*)

461 ADVANCED METHODS AND SKILLS IN SOCIAL WORK

Enlargement and refinement of practice skills through lecture, classroom exercise and regular class work. Enlargement of social group work skills, emphasis on development of generalist practice skills and eclectic approaches. Two two-hour class lectures, and/or laboratory exercises per week. (*Prereq.: 2.0 in 363 and 364, or #. Fall*)

463 COMMUNITY DEVELOPMENT AND ORGANIZATION

Locality development and social change through community organization, social planning, and social action. Emphasis on: 1) surveyance of historical forms of social change, 2) understanding the basic issues and strategies relevant to social protest and change, 3) examination of the structure, function and dysfunction of various community organizations and other corporate and political systems, and 4) knowledge of the essential principles and techniques of organizing. (*Prereq.: senior or #. Fall*)

462, 464, FIELD WORK II AND IV:

Ten hours per week in a Social Service agency. Progressively responsible supervised professional social work experience including work with individuals, families, groups and/or communities. Ten hours per week, plus one supportive/discussion seminar per week. (*Prereq: completion and 2.0 in 361, 362; concurrent with 461 and 467; Fall and Spring*)

465 SOCIAL POLICY: ANALYSIS AND DEVELOPMENT

This course will include the study of theories of Social Policy formulation and methods of analysis associated with needs and services and analysis of the impact of policy on social work practice. Development and implementation will be viewed first hand through work with a public policy maker, 4 hours per week. One class period per week, readings, analytical paper integrating class concepts with practical experience. (*Prereq.: 361, 463, and senior or #. Spring*)

466 FIELD WORK III

Continuation of 462 conducted during Interim. (*½ course. Interim.*)

467 THE SOCIAL WORKER AS PROFESSIONAL

Ethical practice, bureaucratic survival, professional job attainment, personnel policies and practices, organizational theory, and resource development will be studied in the course. The field work practice becomes the laboratory for class exercises. (*Prereq.: 461, 462, 463, 464; Spring*)

468 SPECIAL TOPICS

Current issues in social work theory or practice. To be announced. (*# half or full credit. Interim*)

498 INDEPENDENT STUDY — METROPOLITAN RESOURCES

An independently designed course a student (or group of students) develops, making extensive, systematic and integrated utilization of resources available in the metropolitan community, e.g. lectures, symposia, performances, hearings. These resources become the core of the course, supplemented by traditional college resources, and designed in consultation with and evaluated by a faculty member of the department.

Sociology

Chairperson: G. Nelson

MAJOR: 10 courses including 121, 362, 363, 375, 485. Highly recommended: a CHR course, internship, independent study or upper division interim course in sociology. This recommendation is made in the hope that the student will take ad-

vantage of the variety of learning models offered through the department. Consult department chairperson concerning areas of concentration.

MINOR: 5 courses including 121 and two upper division courses (i.e., 300 and above.)

HONORS MAJOR: The student must have a minimum GPA of 3.5 in the major and 3.0 overall. Application for honors in sociology candidacy shall consist of submission of thesis proposal to Department Chairperson before April 1 of the junior year. Candidacy is contingent upon departmental approval of proposal by April 30 of junior year. After acceptance as a candidate, the student will register for "Independent Study" (Sociology 499) through which work on thesis will be completed. Honors degree in sociology will be granted to a candidate if he/she successfully defends the thesis before March 31 of senior year and maintains GPA through graduation.

111 HUMAN COMMUNITY AND THE MODERN METROPOLIS

The cultural and structural dynamics of the modern world viewed from the perspective of the metropolitan situation, with a focus on the possibilities of human community in the context of urban institutions and processes. *(Fall, Spring)*

121 PRINCIPLES OF SOCIOLOGY

Sociology as a mode of analysis or way of knowing. Its applications to an understanding of basic aspects of society; socialization, family life, social inequalities, large-scale institutions, etc. Sociology as an academic discipline and profession. *(Fall, Spring)*

231 SOCIOLOGY OF THE FAMILY

An examination of the family as a social institution. The process of dating, mate selection, marital adjustment and divorce. The relationship of the family to its institutional and cultural context. *(Fall, Spring)*

241 INTRODUCTION TO CULTURAL ANTHROPOLOGY

An examination of the idea of culture; the person's relation to culture; language as a major organizing element in the way we see the world. An examination of the ideas of "primitive", "civilized", and "progress"; a comparison of alternate realities as found in different cultures and varying social contexts. An analysis of selected aspects of U.S. culture. *(Fall, Spring)*

300, 301, 302, 303, 304 SPECIAL TOPICS IN SOCIOLOGY

Offered periodically through Augsburg's Conservation of Human Resources (CHR) program. Generally conducted off campus in such places as institutions for adult felons, physically handicapped, emotionally disturbed, and senior citizens. Residents and staff of these institutions take the course together with college students in a co-learning model. Topics will vary depending upon needs and interest.

360 RELIGION AND SOCIETY

An examination of the interaction of religion and society in terms of sociological analysis with particular emphasis on contemporary sociological research in religious movements and institutions in American society.

362 STATISTICAL ANALYSIS

The first course in a two-course sequence. Analysis of attempts to build a body of knowledge by way of a scientific approach. Tools and approaches used to evaluate ideas and describe social life through the use of quantitative informa-

tion. Use of data processing equipment and computers for statistical analysis. Designed especially for political science and sociology majors. Sociology majors should take Soc. 363 the following term. (Prereq.: *high school algebra*. Fall)

363 RESEARCH METHODS

The second course in a two-course sequence. Overview of commonly-used research designs and measurement techniques. Applications for program evaluations. Practice doing research by way of class activities and individual projects. To be taken immediately after Soc. 362. (Prereq.: *Soc. 362 or #*. Spring)

365 QUANTITATIVE ANALYSIS AND PROGRAM EVALUATION

Consumer overview of methods of organizing, comparing and interpreting quantitative information. Use of data-processing equipment for statistical analysis. Overview of commonly-used research methods, especially experimental designs and applications to program evaluations. Designed for social work majors. (Prereq.: *high school algebra*. Spring)

373 CRIME AND CORRECTIONS

An examination of the criminal and juvenile justice systems and the various theoretical components of criminology and corrections. Major attention is focused on the causation and prevention of crime and delinquency, and the various modes of treatment. (Prereq.: *121*, Fall)

375 SOCIAL PSYCHOLOGY

An examination of the idea of "group", its relationship to individual behavior and

society. An analysis of the ideas of "self" and "identity" and what part they play in understanding interpersonal relations and human behavior. A sociological view of mental health. A look at the major assumptions and processes underlying our everyday life — a look at the trivial, the ordinary and the taken-for-granted. "Symbolic interaction", an important orientation in social psychology, will be used as a way of dealing with the major issues in the course. (Prereq.: *121 and Psych. 105*. Fall, Spring)

381 THE CITY AND METRO-URBAN PLANNING

The changing city in history and various cultures; major theoretical perspectives in urban sociology; the metropolis as an eco-system; metro-urban planning and policy systems; major issues related to shaping the future metropolis. The Twin Cities metropolitan area is utilized as an important learning laboratory. (Prereq.: *111 or 121 or #*. Spring)

383 RACIAL AND MINORITY GROUP RELATIONS

The dimensions of racial and minority group relations. Major attention is focused upon prejudice, racism, and the role of self-understanding. (Fall, Spring. *P/N grading only*)

388 SOCIAL INEQUALITY

Analysis of inequality in regard to wealth, status and power in the U.S. and other selected countries. Causes and ramifications of the amount and type of inequality. Detailed analysis of current issues and policies concerning inequality in the U.S. (Prereq.: *Soc. 121*. Spring)

399 INTERNSHIP

Consult the Department Chairperson or Internship Director for details. (*Prereq.*: #. *Fall, Interim, Spring*)

485 MODERN SOCIOLOGICAL THEORY

An examination of the major theoretical traditions within sociology, tracing the course of their development in the nineteenth and twentieth centuries. (*Prereq.*: 2 courses in sociology including 121 or #. *Fall*)

498 INDEPENDENT STUDY - METROPOLITAN RESOURCES

An independently designed course a student (or group of students) develops,

making extensive, systematic and integrated utilization of resources available in the metropolitan community, e.g. lectures, symposia, performances, hearings. These resources become the core of the course, supplemented by traditional college resources, and designed in consultation with and evaluated by a faculty member of the department.

499 INDEPENDENT STUDY

Student must present written proposal containing rationale, objectives and methodology of the proposed study according to department guidelines. (*Prereq.*: 121 and permission of instructor. *Fall, Interim, Spring*)

Speech, Communication and Theater Arts

Chairperson: *Raymond Anderson*

DEPARTMENTAL HONORS: GPA of 3.25 in the major, 3.0 overall, two independent study projects of honors quality, distinguished performance in at least one of the communication arts, comprehensive examination in field of concentration. Application to be made early in the senior year.

Courses 116 and 476 are strongly recommended for all students in elementary education.

COMMUNICATION ARTS

COMMUNICATION MAJOR: 10 courses, including 342, 351 or 352, 354, 399 and English 225 or 226 or 227, and satisfactory performance on competency tests in writing and typing.

Supporting courses required but not counting toward the major: Speech 111; Philosophy 130; Psychology 105; Sociology 121 or 241; Sociology 375.

The communication major is a flexible interdisciplinary program which allows for different emphases — journalism, advertising and public relations, radio-television-film, human relations, and supervisory management. Program guides for each area are available from the Department Chairperson or the Office of Admissions.

Prospective majors should contact the department as early as possible to work out a plan for the major and a personal career action plan. Freshmen should take Speech 111, Psychology 105, Sociology 121 or 241, and Philosophy 130.

COMMUNICATION MINOR: 5 courses.

MAJORS FOR TEACHING: Students preparing to teach speech in secondary schools may specialize in any of three majors: speech, theater arts, and speech-theater arts. Any of these must be combined with at least an English minor, preferably a major. The communications major or minor does not qualify one for teaching speech.

SPEECH MAJOR FOR TEACHING: 10 courses, including 111, 241 or 243, 351 or 355, 352, 354, 360, 476. Participation in forensics, and a minor in English.

SPEECH MINOR FOR TEACHING: Course 111 and six of the following: 241 or 243, 351 or 355, 352, 354, 360, 476 and participation in forensics.

111 BEGINNING SPEECH

Basic problems of effective speaking and critical listening. (*Fall, Spring*)

132 PHOTOGRAPHY

See under Department of Art

**227 ADVANCED WRITING:
JOURNALISM**

See under Department of English

**225, 230 VISUAL COMMUNICATIONS
I, II**

See under Department of Art

241 INTRODUCTION TO CINEMA ART

See under Department of English

242 FILM-MAKING

See under Department of Art.

243 RADIO-TELEVISION PRODUCTION

An introduction to radio and television with an emphasis on the director's role; emphasis on producing, programming, writing, acting, casting, and lighting. (*Laboratory fee: \$10. Fall*)

**342 MASS COMMUNICATIONS IN
SOCIETY**

See under Department of Political Science.

351 ARGUMENTATION

Application of logic in public speaking, discussion, and debates. (*Fall*)

352 PERSUASION

Theory of persuasion and propaganda, practical work in speech and promotional projects. (*Spring*)

353 ADVERTISING

An introduction to print and broadcast advertising and promotion as important elements in modern marketing and communications. (*Prereq.: Jr., Sr., Communication major or #. Spring*)

**354 INTERPERSONAL
COMMUNICATION**

A study of the dynamics of human interaction through verbal and non-verbal messages; emphasis on factors that build relationships and help to overcome communication barriers. (*Spring*)

355 SMALL GROUP COMMUNICATION

A study of group dynamics and leadership with emphasis on factors involved in effective functioning within small groups and organizations. (*Spring*)

373 ORGANIZATIONAL PSYCHOLOGY

See under Department of Psychology.

399 INTERNSHIP

Consult the Department Chairperson for details.

476 SPEECH PATHOLOGY

Physical and psychological factors underlying normal and abnormal speech. An introduction to principles and methods of speech correction. (*Spring, alternate years.*)

480 SEMINAR IN COMMUNICATION

Cooperative investigation of topics in speech and communication. (*Fall*)

495 INDEPENDENT STUDY IN COMMUNICATION

Selected topics in speech and communication, with emphasis on the use of primary sources and methodology of research. (*Fall, Spring*)

THEATER ARTS

THEATER ARTS MAJOR: 10 courses, plus Beginning Speech. This major should be supported by an English minor or at least by several courses in literature including Shakespeare and Modern Drama or Scandinavian Drama.

Majors should take part in dramatic productions every year. Freshmen planning to major in theater arts should begin with courses 111, 116, and 228. Course 111 is not part of the major.

A. ACTING EMPHASIS: 116, 228, 232, 233, 243, 360, 361, 362, 366, and the children's

theater interim. Strongly recommended: courses in voice and movement, dance, cinema, art, and dramatic literature. Performance requirements for the acting emphasis include 6 units of acting, 4 of crew work, and 1 internship.

B. DIRECTING EMPHASIS: 116, 228, 229, 232, 360, 361, 362, 366, 367, plus the children's theater interim. Courses strongly recommended: courses in voice and movement, cinema art, and dramatic literature. Performance requirements for the directing emphasis include 4 units of crew work, 3 units of acting, 2 of directing, 1 in stage management, and 1 internship.

C. DESIGN EMPHASIS: 228, 229, 361, 362, 366, 428, 429, plus courses 225 and 290 in Art. Strongly recommended: courses in cinema art, art, and dramatic literature. Performance requirements for the design emphasis include 5 units in crew work, 2 in technical supervision, 1 in acting, 1 in assistant design, 1 in design, and 1 internship.

THEATER ARTS MAJOR FOR TEACHING: 10 courses, including 111, 116, 228, 229, 232, 241 or 243, 360, 361, 366, 467, or a voice and diction course, the experience requirement specified above for theater arts majors, and a minor in English.

THEATER ARTS MINOR FOR TEACHING: courses 111, 228, 232, 361, 366, one of the following: 241, 243, 476, and participation in dramatic productions.

THEATER ARTS MINOR: 5 courses including 228, 232, 360, 361, 366.

SPEECH-THEATER ARTS MAJOR FOR TEACHING: 12 courses, 111, 228, 229, 232, 241 or 243, 351 or 355, 352, 354, 360, 361, 366, 476 or a voice and diction course, and

participation in two activities (forensics, interpretation, theater broadcasting), and a minor in English.

116 CREATIVE DRAMATICS

A study of creative improvisation using stories, poetry, nature, concepts, the self, human relations, etc. Uses of creative dramatics in theater, school, church, recreation, therapy, and other settings. *(Fall)*

228 TECHNICAL PRODUCTION I

An introduction to the backstage world of the theater: its organization, crafts, magic, and art. Practical craft projects, theater tours, and production experience. Open to all students. Should be taken in freshman or sophomore years. *(Lab fee. Offered alternate years.)*

229 STAGE DESIGN I

Introduction to scenery and lighting design; basic tools of the designer (drafting, drawing, painting, theory); practical studio projects. *(Open to all students. Should be taken in freshmen and sophomore years. Offered alternate years.)*

232 ACTING

An introduction to the art of acting. Practical work in pantomime and improvisation; participation in dramatic presentations. *(Spring)*

233 ADVANCED ACTING

This course explores the elements of characterization through improvisation and extensive scene study. Emphasis is on a variety of roles from the classics, including Shakespeare, French Neoclassicism, Restoration Comedy, Realism and

and Non-realism, Epic, and the Absurd. *(Spring, alternate years)*

360 INTERPRETATIVE READING

Basic principles of oral interpretation of literature. Practice in reading prose, poetry, and drama. *(Fall)*

361 THEATER HISTORY

Overview of theater history; examination of plays from various periods. Attendance at local theater productions. Introduction to theories of drama and dramatic production. *(Fall, Alternate years.)*

362 THEATER CRITICISM

A study of forms and ideas as they are expressed through the art of drama. Attendance at local theater productions; classical, experimental, and new plays. Lectures and discussions on theory and criticism using theater productions as focus for discussion. *(Fall, alternate years.)*

366 STAGE DIRECTION I

Basic directorial process: choice of plays, casting, organizing rehearsals and technical production; application of play analysis, blocking, and characterization to a specific play chosen by the class. Term project: direct a one-act play. *Upper division students only. Spring*

367 STAGE DIRECTION II

In-depth analysis and practice in directing types of plays: serious, comic, experimental, musical. Term project: direct a one-act or excerpt from a longer play. *(Prereq.: 366 or consent of instructor. Spring.)*

399 INTERNSHIP

Consult faculty in area of emphasis.

428 TECHNICAL PRODUCTION II

Advanced construction and problem-solving techniques in costume, scenery, and/or lighting. (Prereq.: 228 or consent of instructor. Lab fee. Fall)

429 STAGE DESIGN II

- Advanced design projects based on Stage Design I course material. Introduction to costume design. (Prereq.: 229 or consent of instructor. Offered alternate years.)

499 INDEPENDENT STUDY IN DRAMA

Individual projects in oral interpretation and theater. (Fall, Spring)

Transdisciplinary Major

Students wishing to develop their own major by combining appropriate portions of two majors may consider the Transdisciplinary Major. The Transdisciplinary Major enables students to respond to a particular career interest. While such an individually developed major may satisfy the particular interests of a student, broad majors may not be suitable for those wishing to pursue graduate study or pre-professional programs in some academic fields. Students wishing to develop a Transdisciplinary Major are to observe the following:

- a. The major program should include at least two-thirds of the courses required in the normal major programs of two major fields offered at the college;
- b. The student should design and sign a contract for such a major prior to the end of his or her sophomore year (contract forms are available in the Office of the Registrar)
- c. The contract must be approved by the student's adviser and by the Faculty Committee on Admissions and Student Standing.

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The Rev. Paul G. Sonnack

Professor, Church History
Luther Theological Seminary
St. Paul, Minnesota

N. Stanley Stake

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Mary Lou Williams

Minneapolis, Minnesota

*as of September, 1979

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- COURTLAND AGRE**, Professor Emeritus, Ph.D. 1937, University of Minnesota
- EARL R. ALTON**, Professor of Chemistry, Ph.D. 1961, University of Michigan, Department Chairperson
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- BARBARA L. ANDERSEN**, Associate Professor of English, M.A. 1954, Northwestern University
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B

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*Part-time

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C

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D

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G

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- ***MARY T. SWANSON**, Assistant Professor of Art, Ph.D. 1978, University of Minnesota

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LARRY TALLMAN, Instructor in Music, M.S. 1978, Michigan State University, Director of the Augsburg Concert Band and the Jazz Ensemble

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***PAUL THOMAS**, Artist in Residence in Music (Cello)

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JOHN THUT, Associate Professor Emeritus, M.Mus. 1934, American Conservatory of Music

VERA THUT, Instructor Emeritus, B.Mus. 1927, American Conservatory of Music

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W

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***MARY WILSON**, Artist in Residence in Music, B.A. 1938, Macalester College (Flute)

HELEN A. WOELFEL, Assistant Professor of Nursing, M.S. 1962, Marquette University

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Z

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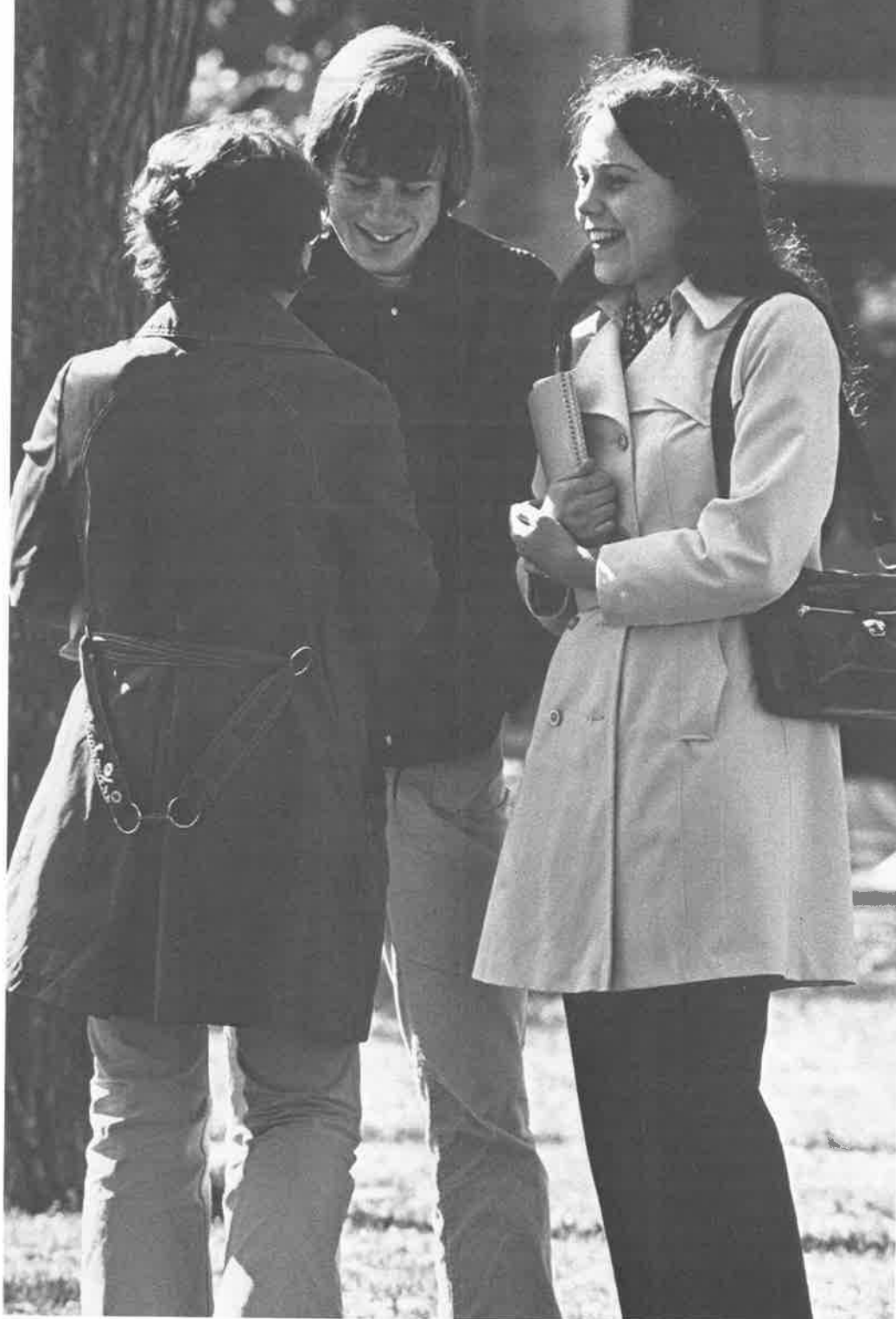
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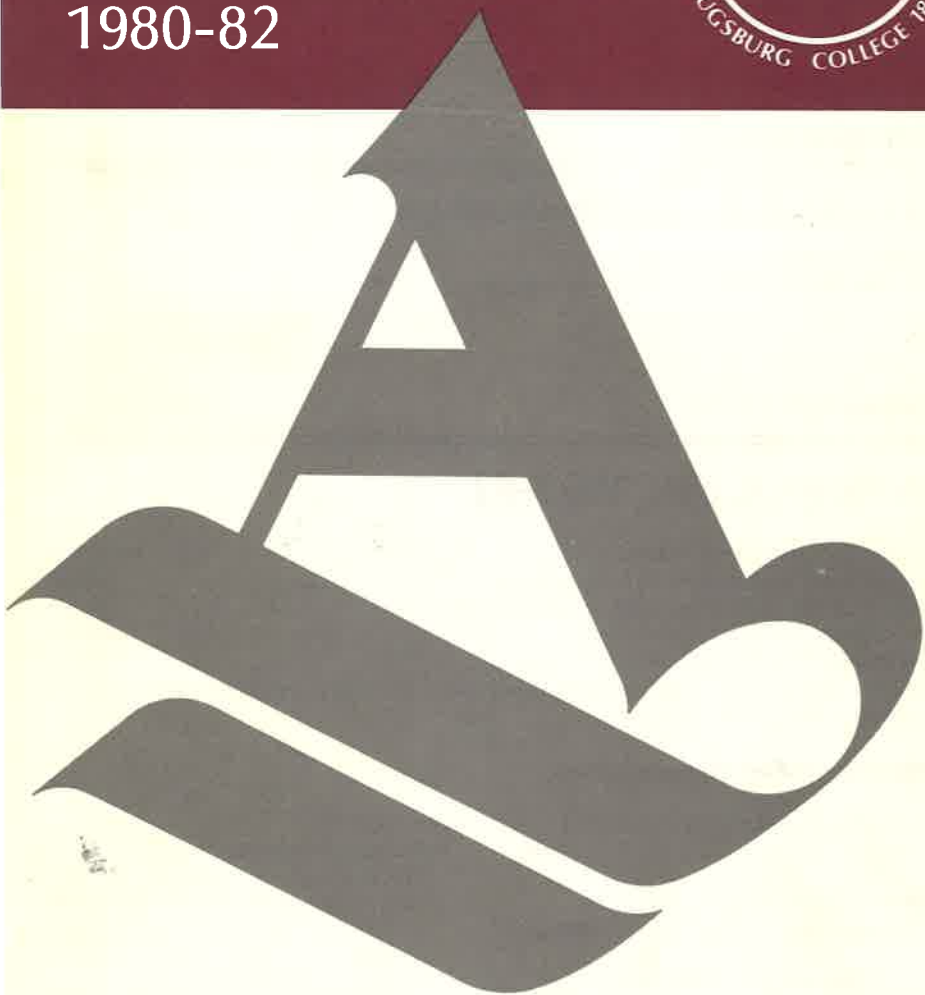
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ADDITIONS/CHANGES

CATALOG
1980-82



AUGSBURG COLLEGE

This material was published to supply information on additions and changes to the 1980-82 Catalog. Material is arranged in the same order as in the 1980-82 Catalog, with page number references. Although information was current at the time of publication, it is subject to change without notice.

It is the responsibility of each student to know the requirements and academic policies contained in this publication and the main 1980-82 Catalog. If you have questions about anything in this bulletin, you should consult with a faculty adviser, the Dean of the College, or the Registrar.

Introduction/6

Accreditation and Memberships

National League for Nursing
National Association for Music Therapy, Inc.

Financial/13-14

College Costs 1981-82

Tuition (full-time enrollment)	\$4,300.00
Tuition (part-time enrollment) per course	600.00
Audit Fee (for part-time students) per course	300.00
Room Rent (includes telephone)	1,091.00
Full Board (19 meals a week)	986.00

Other board plans are available as defined in the housing contract booklet available from the Office of Student Life.

Other Special Fees (not refundable)

ACTC Bus (Full-time students only)	5.00	Music Lessons	
		Private, per semester	
		(14 lessons)	150.00
Medical Technology (Senior Fee)	600.00	Class, per semester	50.00
Music Therapy Internship (one course credit)	600.00		

POSTMASTER

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Financial Aid/17-18

Gift Assistance

Augsburg Tuition Grant — Available to students who have shown academic potential and have financial need. A grant may pay up to full tuition and fees. A student's scholastic standing, test scores, and high school and community involvement are taken into consideration.

Minnesota State Scholarship and Grant — Awarded by the state to Minnesota residents who have financial need. For 1981-82, they range from \$100 to \$1050. All applicants from Minnesota are expected to apply before the priority deadline of April 23.

Supplemental Educational Opportunity Grant — A federal program administered by the College. To be eligible, a person must: (1) be a U.S. citizen or permanent resident; (2) have sufficient financial need as defined by the program and demonstrated by the FFS (or FAF); (3) be capable of maintaining satisfactory academic standing at the College; and (4) be accepted for admission.

Pell Grants (formerly Basic Educational Opportunity Grants) — A federal program that provides Basic Grant awards to students who attend eligible institutions of higher education. The maximum grant eligibility for each student for 1981-82 is \$1670, minus the amount the student and family can be expected to contribute. The grants are based on need as determined by the program guidelines. Application is made by filing the FFS (or FAF) and requesting on the application form that the necessary information be sent to the appropriate BEOG office.

Bureau of Indian Affairs Scholarships/Grants — American Indian students who meet federal and state requirements may apply for Bureau of Indian Affairs, Tribal and/or Indian State Scholarship monies. You must be $\frac{1}{4}$ degree Indian ancestry and be enrolled with a federally recognized tribe. Indian grants supplement all other sources of financial aid. For assistance in application contact Augsburg's American Indian Program Director or your tribal agency.

National Scholarship and Grant Program for Minority Students (sponsored by The American Lutheran Church) — Members of American racial and ethnic minorities and other eligible groups who are either seeking admission to an American Lutheran Church (ALC) college OR are members of an ALC congregation may be considered. Winners are selected by Augsburg's Student Affairs Committee.

Scholarships/20-23

Religion & Christian Service Scholarships

Norman and Louise Bockbrader Scholarship — awarded to students preparing for full-time service careers in the church.

The Reverend Lawrence and Gertrude Sateren Scholarship — awarded to students preparing in fields leading to full-time service in the church.

Departmental Scholarships

Chemistry

Ellen and Courtland Agre Chemistry Award — given to a chemistry major, preferably one going into graduate studies to earn the doctorate in chemistry.

Health-Related

Ellen and Courtland Agre Pre-Medicine Award — given to a student of any major who is planning on entering medical school to earn a doctorate in medicine.

History

Dr. Carl H. Chrislock History Scholarship — awarded annually to a history major.

The Rev. and Mrs. O.J. Haukeness Award — given to a senior student for excellence in the study of history.

Music

Edwin W. and Edith B. Norberg Scholarship — awarded to music majors preparing for careers in church music.

Schubert Club Scholarship — awarded annually to a music therapy student.

Political Science

Political Science Scholarship — An award of recognition to an outstanding senior majoring in political science.

Majors, Licensure/33

Majors and Minors

Majors, or concentrations of study, may be within one department, within one division, or cross academic disciplines. Some students decide on a major or majors before they enter college. Others test a variety of disciplines before deciding. Normally a major should be elected by the end of the fourth semester and earlier in some disciplines. Details of majors and minors are in the course description section.

Majors available at Augsburg are:

Art History	International Relations
Studio Art	Mathematics
Biology	Medical Technology ³
Business Administration (Accounting, Finance, International Business, Management, Marketing)	Metro-Urban Studies
Chemistry	Music
Communication	Music Therapy
East Asian Studies ¹	Natural Science
Economics	Nursing
Economics-Business Administration	Philosophy
Elementary Education	Physical Education
Engineering ²	Physics
English	Political Science
Foreign Languages	Psychology
Chinese, ¹ French	Religion
German, Japanese, ¹	Russian Area Studies ¹
Norwegian, Russian, ¹	Scandinavian Area Studies ¹
Spanish	Social Science
Health Education	Social Work
History	Sociology
	Speech
	Theater Arts
	Transdisciplinary

It is possible for students to complete other majors through the ACTC. Students who wish to complete a major offered at one of the other ACTC colleges must apply through the Augsburg Registrar's Office.

1 — Cooperative Program of the Associated Colleges of the Twin Cities and agreements with the University of Minnesota

2 — Three-Two Plan with Washington University School of Engineering and Applied Science and Michigan Technological University

3 — Cooperative program with Metropolitan Medical Center and Abbott-Northwestern Hospital

Teaching Licensure

Teaching Licensure programs are offered at Augsburg in Elementary Education, Kindergarten, Early Childhood Education, and these fields in Secondary Education: Art, English-Language Arts, French, German, Health, Life Science, Mathematics, Music, Physical Education, Physical Science (Chemistry or Physics), Science (Grades 5-9), Social Studies, Spanish, Speech, Theater Arts. A minor is offered in Library Science. Students planning to teach on the secondary level have advisers both in the Education department and the area of their academic major(s).

Graduation Requirements/39-40

Graduation Requirements

The responsibility for seeing that all degree requirements are satisfied rests with the student. Academic advisers, department chairpersons, the Academic Dean and the Registrar are available for counsel and assistance in program planning.

Each student must apply for graduation at the time specified by the Registrar. Application forms are available in the Registrar's Office.

All degree and course requirements must be completed prior to the anticipated date of graduation (there may be no incompletes or open courses on the academic record).

1. Completion of 35 courses.

At least 11 courses must be upper division, numbered in the 300s and 400s. Not more than 13 may be in one department, except in certain approved majors for the Bachelor of Science/Arts degree, 17 for the Bachelor of Music and Bachelor of Science in Music Therapy degrees, and 18 in the Bachelor of Science in Nursing degree. The course total must include three Interims for students whose complete academic work is at Augsburg. For transfer students, the course total must include one less interim course than the number of years at Augsburg.

No more than these maximums may be applied toward the 35 total courses required: 4 Conservation of Human Resources (CHR) courses; 2 courses by independent/directed study; 4 courses of internship; and 8 courses with a grade of Pass (P). Non-traditional grading (P) also has these limits: 2 in the major except Elementary Education; 1 in the minor if approved by the department chairperson.

Students who enter the Nursing program with a Bachelor of Arts degree should contact the Office of the Registrar for specific requirements for the equivalent of a major in Nursing.

2. Completion of a major.

Requirements for each major are listed under the departmental headings. A minor or double-major is not required, but is encouraged.

3. Grade Point average — 2.0 for most majors.

A grade point average of 2.0 is required in all courses taken and in courses which apply toward the major, except for Nursing and licensure in education, where 2.5 averages are required.

4. Residence

The last year of full-time study or equivalent must be at Augsburg.

5. Distribution requirements

Writing — A course in writing (English 111) or certification of demonstrated proficiency by the Department of English. Exemption tests are given during the summer and fall orientation periods.

Liberal Arts

An approved course from each of these seven areas:

Mathematics-Physics	Economics-Political Science
Chemistry-Biology	History-Philosophy
Psychology-Sociology	Art-Music
English-Speech, Communication & Theater Arts	

Foreign Languages — Two courses (111 and 112) of one foreign language at Augsburg. Students who test above the 111 level of a foreign language will take one additional course at placement level in that language or two courses (111 and 112) of another foreign language.

Religious Studies — Three approved courses in religious studies, of which not more than one may be an interim course. For transfer students, the number required is one for each year of study or equivalent at Augsburg.

Urban Concerns, or Women's Studies, or Minority Studies — Courses approved to meet this requirement are published each term. Information is available at the Office of the Registrar.

Lifetime Sports — Two lifetime sports or demonstrated proficiency in two lifetime sports.

Evaluation and Grading/40-41

Evaluation and Grading

Student achievement in courses is measured primarily by final examinations. Shorter tests, written papers, oral reports, and other types of evaluation also are used.

Most courses are offered with grading options — traditional grading on a 4.0 to 0.0 scale or the Pass/No Credit system, in which P means a grade of 2.0 or better and N means no credit and a grade of less than 2.0. Students are cautioned to use the P/N grade option with care since some graduate and professional schools do not look favorably on a large number of P-graded courses, or rank each as a "C". See P/N limitations under Graduation Requirements.

Certain courses are offered on one grading system only. Sociology 383 and several interim courses are graded only on the P/N grading system. Some education courses are graded only on the P/N system or only on the traditional system. English 111 is graded P or N, or 2.0-4.0/N. Some other courses are graded only P, 1.0, N.

Music organizations and performance studies, Chemistry Seminar, and Lifetime Sports are graded P/0.0.

In courses where there is a choice, students will be graded on the traditional system unless they indicate on their registration that they wish to use the P/N grading option. Any changes in choice of grading system must be made according to dates published each term. A fee is charged for any changes after the first five days of classes.

Explanation of Grades

Number grades are used with these definitions:

- 4.0 Achieves highest standards of excellence
- 3.5
- 3.0 Achieves above basic course standards
- 2.5
- 2.0 Meets basic standards for the course
- 1.5
- 1.0 Performance below basic course standards
- 0.5
- 0.0 Unacceptable performance (no credit for the course)

Grades of P (Pass) or N (No credit) are not computed in the grade point average. A grade of P represents work at or above the 2.0 level; N represents work at the 1.5 or below level.

An incomplete grade may be given only in the case of extreme emergency. To receive it, a student must file a petition with the Committee on Admissions and Student Standing stating the reasons for the request, the plan and date for removing it, and comments from the instructor. If permission is granted, the incomplete must be removed during the following semester, or it becomes the grade submitted by the teacher along with the incomplete.

A grade of X may be given for an independent or directed study course or internship that is to be spread over more than one semester. Such a course must be completed during the second semester or the grade of X will remain on the record.

A course in which a grade of 0, 1.0, 1.5, N, I, or X has been received may be repeated for credit. Courses in which higher grades have been earned may not be repeated for credit, but may be audited. All courses taken remain on the academic record. Only the credits and grades earned the second time are counted toward graduation and in the grade point average.

A course is given a grade of W when it is dropped after the deadline for dropping classes without a notation on the record.

Art/49

352 Women's Art History

A study of women's image in the visual arts in relationship to women's place within the cultural, economic, and sociological environment of each period.

Education

Marie McNeff (Chairperson), Bobbi Anderson, Sheldon Fardig, Barry Franklin, Einar Johnson, Sallye Cooke McKee, Lauretta Pelton

Augsburg College offers programs leading to licensure in Elementary Education, Kindergarten, Early Childhood, and Secondary Education.

Students wishing to become licensed teachers are advised to consult with the Education Department for licensure requirements. For students transferring to Augsburg College from other institutions of higher education, it is within the jurisdiction of the Education Department and/or other appropriate departments to determine essential equivalency of course content taken at other institutions as applicable to requirements of the approved teacher education program at Augsburg College.

Orientation to Education, both elementary and secondary, and Techniques of Teaching Reading are open to all students of sophomore standing or above. To enroll in other education courses, a student must first apply and be admitted to the teacher education program. Students are advised to apply for admission in the spring semester of the sophomore year, during or after the Orientation course. Students transferring from an education program at another college must be readmissible to that program.

Elementary Education

Marie McNeff (Coordinator)

Major and Licensure Requirements: Minimum of 8.5 education courses (255, 351, 383, and two professional semesters); Health Education 114, 115; Library Science 341, 358; Academic minor (major recommended); GPA of 2.0 overall and 2.5 in major and academic minor for licensure; fulfill Minnesota Board of Teaching 5 MCAR 3.041 in Human Relations. The first professional semester, for juniors, includes Educ. 341, 352, 353, 381, 382, 384. (Courses 381, 382, 383, 384 are one-half courses offered on a traditional grading system only.) The second professional semester includes Educ. 481, 482 and electives (483, 484, 478, 499).

Kindergarten License Requirements: Elementary Education requirements plus Educ. 385 and student teaching at the Kindergarten level.

Early Childhood Education

Bobbi Anderson (Coordinator)

License Requirements: Elementary Education requirements plus Soc. 231; Psych. 351; Educ. 325, 425, 483 or 484 (160 hours of student teaching). For an Early Childhood license with other than an education major, consult with the program coordinator.

255 Orientation to Education in Urban Setting (Elementary)

Investigation of various aspects of the teaching profession and opportunity for in-school work. Open to all students. (Prereq.: sophomore standing or above)

282 Introduction to Special Education

(See Secondary Education)

325 Contemporary Influences in Early Childhood Education

Focus is upon the young child as a person and the importance of the early years of his/her life in relation to the effects of present-day society and culture upon the child. Current developments include innovations, Head Start, implementation of planned variations, and other interventions and compensatory programs. Class sessions and two hours per week of lab. experience in a day care center and/or nursery school. (Spring)

341 Media Technology (1/2 course)

(See Library Science)

351 Techniques of Teaching Reading

The study and utilization of a variety of techniques and resources in the teaching of reading at both secondary and elementary level. (Fall)

352, 353 Creating Learning Environments: Elementary

The mastery of theories and their applications for teaching in learning settings. Laboratory experiences. (Prereq.: 255 or 265 or #. Spring)

381 Elementary Curriculum: Art, Music (1/2 course)

Examination and preparation of materials and resources for art and music taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 352, 353. Spring)

382 Elementary Curriculum: Science, Mathematics (1/2 course)

Examination and preparation of materials and resources for science and mathematics taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 352, 353. Spring)

383 Elementary Curriculum: Physical Education, Health (1/2 course)

Examination and preparation of materials and resources for physical education and health taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265. Fall)

384 Elementary Curriculum: Social Studies, Language Arts, (1/2 course)

Examination and preparation of materials and resources for social studies and language arts taught at the elementary level. Laboratory experiences. (Prereq.: 255 or 265, concurrent registration in 352, 353. Spring)

385 Discovery in the World of Kindergarten

A study of the kindergarten curriculum, exploration of materials, and review of teaching approaches. The course requires laboratory experience. Required for Kindergarten licensure. (Prereq.: Orientation to Ed. and acceptance into the Dept. of Ed., Summer I)

399 Internship

The student may select from a variety of situations for professional work experience. A learning contract must be developed and must have education faculty approval.

425 Early Childhood Curriculum

Learning about and demonstrating knowledge and skills of teaching the young child. The course concentrates on details essential to the organization of a good program for children: records, reports, physical facilities, equipment, parental involvement, and working with children who have uniquely different needs. Class sessions and two hours per week of lab experience in a day care center and/or nursery school. (Fall)

481, 482 Student Teaching I

Observing and directing learning at the following levels: N, K, and/or elementary levels under the supervision of college and elementary school personnel. (Prereq.: Admission to student teaching and program approval. Fall, Spring)

483, 484 Student Teaching II

Additional experience in teaching. (Prereq.: 481, 482. Fall, Spring)

478 School and Society

(See Secondary Education)

499 Independent Study

Opportunity for advanced and specialized research projects not otherwise provided for in the departmental curriculum. A projected program must be outlined and approved by the elementary education faculty.

Secondary Education

Sheldon Fardig (Coordinator)

It is the responsibility of each student to meet all specific requirements of the Education Department. Secondary Education students are advised to consult with Education faculty regarding state requirements for teacher licensure. This consultation is recommended in addition to conferring with the student's major field adviser.

Licensure Program Requirements for Secondary Education: (1) Application for admittance and acceptance into the Department of Education teacher licensure program. This may be made before, concurrently or after the Orientation course. Application forms are available in the Education Department office. Before applying for admission, students should receive approval from the department or division of their declared major. A student may take education courses after the Orientation course only if he or she has been admitted into the program of the Department of Education; (2) GPA of 2.0 overall, 2.0 in required education courses, and at least 2.5 in the major; (3) Application for admittance and acceptance into student teaching; (4) Completion of Minnesota Board of Teaching 5 MCAR 3.041 in Human Relations through Augsburg's Education program; (5) Successful completion of the required courses of the education program: Psychology 105; Health Education 114, 115; Education 265, 354, 388, 478, special methods in the area of the student's major, and a minimum of two or three courses in student teaching as required.

Requirements for State of Minnesota Licensure for Teaching in Secondary Schools: (through the Augsburg College Education Department Program): (1) B.A. or B.S. degree; (2) College major in a teaching area; (3) Fulfill Minnesota Board of Teaching 5 MCAR 3.041 in Human Relations (successful completion of Augsburg Education program meets requirement); (4) Psychology 105; (5) Health Education 114, 115; (6) Successful completion of Augsburg Education Program courses.

Art, Music and Physical Education Licensure: A person preparing for licensure in one of these areas follows the secondary education program even though he or she plans to teach at the elementary school level. A person with a major in one of these special areas will take three courses in student teaching and do some student teaching at both the secondary and elementary levels. In addition to Educ. 354, the art major will register for Educ. 361, 362; the Physical Education major for Educ. 365; and the music major for Educ. 373.

The Professional Term: Student Teaching is taken concurrently with Educ. 478 in one full-time term in professional education. Special afternoon and/or evening seminars are held during the term as part of the professional work. A student taking two courses in student teaching may elect to take one course in Independent Study. All students are expected to be involved full-time in the activities of the professional term.

265 Orientation to Education in an Urban Setting (Secondary)

Investigates various aspects of the teaching profession, with opportunity for in-school work. Open to all students. (Prereq.: Sophomore Standing)

282 Introduction to Special Education

Introduction to the field of special education. An examination of the nature, causes, and educational interventions for such exceptionalities as mental retardation, physical disability, hearing and vision impairment, LD and ED and giftedness. (Spring)

341 Media Technology (1/2 course)

(See Library Science)

351 Techniques of Teaching Reading

(See Elementary Education)

354 Creating Learning Environments: Secondary

The mastery of theories and their applications for teaching in learning settings. Laboratory experiences. (Prereq.: Psychology 105, EDS 265)

Note on Special Methods Courses: With the general methodology course, one or more education courses in special methods must be taken from the department of the major field. (Prereq.: Educ. 255 or 265 and 354 or concurrent with 354. Courses 361, 365, 373 and 410 are one course; others are 1/2 course.)

361 Art Methods (Elementary and Junior High School)

Procedures, materials and issues relating to the teaching of art in the elementary, middle, and junior high schools. For art teaching majors only. (Fall)

362 Art Methods (Senior High School) (1/2 course)

Procedures, materials and issues relating to the teaching of art in the senior high school. (Fall)

364 English Methods (1/2 course)

Materials and methods suitable for students in secondary schools. Emphasis on the preparation of lesson and unit plans. Teaching in a local high school. (Spring)

365 Physical Education Methods (K-12)

(See Physical Education Department)

366 Foreign Language Methods (1/2 course)

Language learning theory. The theory and practice of language teaching. (Consult with the Foreign Language Department.)

373 Music Methods (K-12)

Trends and issues in music education. The development of music skills and teaching procedures for school music K-12. Workshops and laboratory experience. (Spring)

374 Natural Science Methods (K-12) (1/2 course)

Course structures, goals, and procedures in science education. Consideration of ability levels of students. Survey and assessment of classroom textbooks and materials. Development of a file of teaching materials and references. (Fall)

375 Social Studies Methods (1/2 course)

Introduction to the teaching of social sciences and history in secondary school classrooms. Emphasis on instructional strategies and curriculum development. (Spring)

376 Speech and Theater Arts Methods (1/2 course)

The teaching of basic speech, interpretative reading, discussion, and theater and the directing of co-curricular speech and theater activities. (Spring)

377 Mathematics Methods (1/2 course)

Study of the basic techniques and materials for teaching secondary school mathematics, and the consideration of trends and issues in mathematics education. (Spring)

410 Health Methods

(See Health Education 410 Administration and Supervision of the School Health Program)

388 Human Relations (1/2 course)

Emphasis on the study of values, of communication techniques, and of the major minority groups in Minnesota for the development of interpersonal relations skills applicable to teaching and other professional vocations. Open to all.

399 Internship

The student may select from a variety of situations for professional work experience. A learning contract must be developed and must have education faculty approval.

478 School and Society

The emphasis in this course is on the school in relation to society with particular attention to urban education. Introduced by a study of educational philosophy and the development of American education, current major issues in education will be studied. (Prereq.: senior standing)

481, 482, 483, 484 Student Teaching

Observing and directing learning at the secondary level under supervision of college and secondary school personnel. (A minimum of two courses, except three courses required of Art, Music, Physical Education majors. Prereq.: Admission to student teaching and program approval)

499 Independent Study

Opportunity for advanced and specialized research projects not otherwise provided for in the departmental curriculum. A projected program must be outlined which meets the approval of education faculty.

Library Science

Marjorie Sibley, Grace Sulerud (Coordinators), Karen Harwood, Boyd Koehler, James Olson, Irene Schilling, Louisa Smith

Minor: Minimum of 4½ courses, including 341, 345, 358, 359, 475.

341 Media Technology (1/2 course)

Psychological and philosophical dimensions of communication through the use of instructional technology. Selection, preparation, production and evaluation of effective audio visual materials for teaching/learning situations. (Spring)

345 The Media Center: Organization and Administration

Organization of materials, including acquisition, cataloging, classification, and processing. Services of the media center and methods of evaluation. (Fall)

358 The Elementary School Library: Materials Selection and Guidance

Characteristics and purposes of an elementary school library. Evaluation of materials related to curriculum support and recreational needs. Study of selection sources and guidance in use of print and non-print materials. (Fall)

359 Reference Sources and Services

Study of basic English language reference sources. Students learn how to select and evaluate reference books for home, school and other libraries; how to find information and use libraries effectively. (Spring)

399 Internship

Open to juniors and seniors. An opportunity to do field work in a variety of library situations in the metropolitan area.

475 The High School Library: Materials Selection and Guidance

Survey and evaluation of library materials on the secondary school level, with attention to their use in relation to curricula as well as for personal interest and needs of adolescents. (Spring)

499 Independent Study

Independent study and research on some topic of interest in the field of library service, worked out in consultation with a faculty adviser. Open to juniors and seniors, with department approval.

German/75

301 German Business Communication

German trade correspondence. (Prereq.: 212 or #. On Demand.)

History/84-86

Major for Teaching: Students interested in secondary education may take a history major in combination with specified social science courses and the required education courses, in compliance with the state requirements. For more information, see the department chairperson or the Social Studies Coordinator.

226 Asian and Asian-American Women in Public Life in the 20th Century

An exploration of the experiences and contributions of selected women in China, Japan, India, Korea, Philippines, and the state of Hawaii. Includes cross-cultural perspective, responses to impact of modernization and Western education.

345 Scandinavian-American Experience

(See under Scandinavian Area Studies)

Mathematics/89-90

361 Numerical Analysis (Formerly CSC 355)

A study of methods used to solve problems on computers. Analysis of computational problems and development of algorithms for their solutions, applications of a procedure-oriented programming language in numerical analysis. Topics include the general concept of iterative formulae, solution of equations, Newton's method, linear systems, interpolation, numerical differentiation and integration. (Prereq.: MAT 224, CSC 245)

Computer Science

Augsburg College offers a new program in Computer Science that will prepare students for further study in computer science at a major university or for entry into a substantial variety of computer related jobs.

Augsburg has a PDP 11-60 with central memory of 256 kilobytes and terminals at several campus locations. The College also has several Apple II microcomputers, a Tektronix 4051 graphics microcomputer, and KIM-1 laboratory microcomputers. Augsburg also has access to large computers through both Minnesota Educational Computing Consortium and the University of Minnesota.

Minor: 5 courses including 245, 261, 345, 350 and Mathematics 361 (formerly Computer Science 355) or Business Administration 479 or Sociology 363 or Computer Science 395 or 495.

Note: Business Administration 250 is strongly recommended for those planning a career in business and is an additional prerequisite if Business Administration 479 is to count toward the Computer Science minor.

145 Introduction to General Programming

An introduction to computer methods including flowcharts, algorithms, and data representation. Extensive programming in a general higher level language. Primarily for students in non-science areas. Does not count toward a computer science minor.

245 An Introduction to Computer Science

An introduction to computer languages and methods. Techniques studied include flowcharts, algorithms, data representation and manipulation, hardware register operations, and computer organization. Programming is done in machine language, assembly language, and a higher level language such as PASCAL. (Prereq.: MAT 125)

261 Electronics

(See under Department of Physics)

345 Computer Systems

Survey of computers, languages, systems, and applications. Comparison of batch, time-sharing, and real time operating systems. Study of the social implications and applications of computers through the use of various applications packages. Continued development of competence in structured programming and algorithms will be emphasized throughout the course. (Prereq.: 245)

350 Data Structures and File Processing

Concepts and algorithms used in the solution of non-numerical problems. Applications to data management systems, file organization, information retrieval, list processing, programming languages, and storage devices. (Prereq.: 245)

355 Computer Science and Numerical Methods

(See Mathematics 361, new number for this course)

395 and 495 Topics in Computer Science

Specific topics are selected each year. Prerequisites will depend on the topics selected. 395 for Interim, 495 for fall and/or spring terms.

Music/93-97

Music

L. L. Fleming (Chairperson), Robert Adney, Robert E. Beverley, Michael Brand, Laine Bryce, Stephen Gabrielsen, Thomas Gilkey, Cynthia Goetz, James D. Johnson, Robert Karlén, Diane Kennelly, Merilee Klemp, Nicholas Lenz, Paul Lohman, Cynthia Melson, Roberta Metzler, Celeste O'Brien, Alice Preves, Dana Skoglund, Emma Small, George Stahl, Daniel Sturm, James ten Bensel, Paul Thomas, David Tubergen, Mary Wilson, Angela Wyatt.

See Music Department Handbook for additional and explanatory information, guidelines and requirements. Students wishing to major or minor in music must apply to the department.

Specific Music Major Requirements

Bachelor of Arts: 12 courses: Core Curriculum plus 457, 458, 350 or 476, 354 or 355, 365 or 375, music elective. French or German.

Bachelor of Arts (Music Education): 11 courses: Core Curriculum plus 457, 458, 350 or 476, 354 or 355, 365 or 375. Consult with Department of Education for requirements in education.

Bachelor of Music (Performance or Composition): 17 courses: Core Curriculum plus 350, 457, 458, 476, 499, 354 or 355, 365 or 375, music electives. 4 years of Performance Studies with double periods in the last 2 years, and junior and senior recitals; French or German.

Bachelor of Science — Music Therapy: 17 courses: Core Curriculum plus 354, 360, 382, 383, 395, 399, 435, 457, 495, 350 or 476, one of 355, 365, 375, and 110 Introduction to Music Therapy (Interim). Spanish is recommended. Other requirements: Biology 103, Education 282; 2 Physical Education (232 and 373 recommended); 3 Psychology and 1 Sociology, including Psych. 105, 362 and Psych. 264 or Soc. 362 (Recommended courses include Psych. 264, 351, 352, 355, 356, 357, and Soc. 111, 121, 231, 241, 362, 375); 1 Speech (116 recommended).

Music Minor: 5 courses: 101, 102, 260 or 261, 457 or 458, elective. Applied Music: Major Ensemble 2 consecutive years, Performance Studies 4 semesters, concurrent with Ensemble; Examinations: 2 Music Repertoire Tests, Piano Proficiency Test.

Honors Major: Students may qualify for graduation honors if they have earned a GPA of at least 3.0 in music courses and have demonstrated leadership in performance. Honors may be achieved by one of the following: Senior thesis and its defense before a faculty committee; presentation of an additional Senior recital of graduate quality; composition of a work for vocal and/or instrumental ensemble of not less than 15 minutes duration. Application should be made before the senior year.

Core Curriculum (Required of all Majors)

1. **Courses:** 101, 102, 223, 224, 260, 261.
2. **Applied Music:** Major Ensemble, 8 semesters; Performance Studies, 8 semesters; Recital appearance.
3. **Examinations:** 3 Music Repertoire Tests, Piano Proficiency Test.

Applied Music

Ensembles: Membership is determined by audition during the first week of the fall semester. Times and locations are posted on the department bulletin board. These organizations exist not only for the benefit of the music student, but for any student who wishes to participate:

Augsburg Choir
Chorale
Concert Band
Orchestra

Brass Ensemble
String Ensemble
Jazz Ensemble
Woodwind Ensemble

Performance Studies: Four synergistic elements are required: lessons, jury examinations, performance and listening.

Private Lessons: Vocal and instrumental instruction is available to all students in any area. Music students must register on the traditional grading system and take a jury exam at the end of each semester to fulfill the requirement of private study toward a music degree. Other students may register for private lessons in the same manner or use P/N grading. During the junior and senior year, a student accepted by the Department of Music as a major receives lessons in the area of concentration without extra cost. Practice rooms and instruments are available for rent.

Jury Examination: All students taking private lessons for credit are required to perform each semester for a faculty jury.

Performance Workshop: An informal setting for student performances, seminars and guest lecture demonstrations. All students studying applied music for credit must attend weekly workshops and, once a semester, perform on their instrument.

Listening: All students studying applied music for credit must attend 30 (out of 50) designated music events each year.

Recital: One-half recital is required of B.A. and B.S. candidates. B.M. students must present full Junior and Senior recitals.

Examinations

All music majors and minors are required to pass a Piano Proficiency Test. Music majors must pass three Music Repertoire Tests, and Music minors must pass two.

101, 102, 223, 224 Theory

Music Theory is an integrated course extending over four terms. Taught by a team of instructors, the various aspects of musical theory (i.e., ear training, harmony, counterpoint, and analysis) are presented in parallel, rather than in sequence. (101, 223, Fall. 102, 224, Spring)

110 Introduction to Music Therapy

A survey of the music therapy programs in the surrounding area, with field trips to various institutions; an introductory course for the freshmen and sophomores considering music therapy as a major; gives the students a broad background in the ways in which music is used as a therapy. (Interim)

230 Introduction to the Fine Arts

The development of music through the study of selected works of great composers from each period. Emphasis is placed upon relationships between music and the other fine arts. For the non-music major. (Fall)

260 History and Literature of Music

Music of the Baroque and Classical eras. (Fall)

261 History and Literature of Music

Music of the Romantic and Modern eras. (Spring)

325 Scandinavian Music

In a historical approach to the study of music in the five Nordic countries, opportunity is offered for investigation into topics of particular interest. Suitable for both non-music and music majors. (Fall)

330 Vocal Repertoire

A historical survey of solo vocal literature from 1600 to the present. The study includes such aspects of concern for the performer as interpretation, style, and diction. (Spring)

331 Diction for Singers

(Spring, alternate years)

350 Choral Technique and Arranging

Fundamentals of voice as related to choral ensemble; methods, materials, techniques and arranging for various combinations of voices. (Spring)

354 Instrumental Technique

The technique of playing and teaching brass and percussion instruments. (Fall)

355 Instrumental Technique

The technique of playing and teaching woodwind instruments. (Spring)

360 Therapeutic Recreational Music

Study of guitar and recorder, Orff instruments, applications of recreational music activities to clinical settings. Practicum/experience required as part of course work.

365 Instrumental Technique

Elementary technique in the playing and teaching of string instruments. (Fall)

375 Instrumental Technique

Advanced technique in the playing and teaching of string instruments. (Spring)

380 Music of the Western Church

Development and influence of the music of the Christian church. Designed for the general student as well as for organists, choir directors, and pre-theological students. (Spring)

382 Psychological Foundations of Music I

An objective approach to musical stimuli and response, with an emphasis on the socio-psychological aspects of music. An understanding of the research process and development of an experimental research project.

383 Psychological Foundations of Music II

Implementation of group and individual research projects, emphasis on music in a clinical setting. Various theories of learning music, musical talent, and performance. (Prereq.: 382)

395 Influence of Music on Behavior

A study of man as he relates to music, with emphasis on psychological, cultural, and biological aspects of musical behavior.

399 Music Therapy Clinical Internship

Full-time placement in an internship setting approved by the National Association for Music Therapy for six months. This is started after completion of the senior year and is necessary for registration by the NAMT. Applications for internship sites must be made nine months in advance. Sites in Minnesota are limited.

435 Music in Therapy

The study and application of the uses of music with the emotionally ill, mentally retarded, and physically handicapped. (Prereq.: 395)

440 New Music Seminar

Offers an opportunity to apply information and techniques acquired in music theory and history classes to the study of 20th century music. (Prereq.: 224, Spring)

457 Conducting

Techniques of conducting, preparation of and conducting choral scores, organization of choral ensembles. (Fall)

458 Conducting

Preparation of and conducting instrumental scores, organization of instrumental ensembles. (Spring)

476 Orchestration

The craft of orchestrating and arranging music for instrumental ensembles of varying sizes and types. (Fall)

488, 489 Piano Teaching Methods

Instruction in the principles, methods, and techniques for teaching piano. Students will give individual lessons to children under the supervision of the instructor. No course credit.

495 Practicum in Music Therapy

Volunteer work in a clinical setting, two hours a week, six terms. No credit.

499 Independent Study

Permits advanced and specialized studies and projects not otherwise provided for in the departmental curriculum. Open only to advanced students upon approval of the faculty.

Natural Science/99

Science (Grades 5-9): 7 courses, 2 in Earth Science (Physics 101 or 161, the alternative course not taken in the Broad Base section); 2 in Life Science (and two biology courses above 112); 3 in Physical Science (Chemistry 223, 353; Physics 245).

Nursing/99

Augsburg offers an upper division major in nursing leading to a Bachelor of Science degree. The program is accredited by the National League for Nursing.

Physics/104

261 Electronics

A review of AC and DC circuits and study of analog electronics comprises the first half of the semester. The second half includes study of digital electronics culminating in analysis and use of microprocessors and microcomputer systems. (Prereq.: 103 or 122 and Mathematics 122 or 125)

Religion/114

486 Psychology of Religion and Theology

A study of current psychological views of religion in the context of the traditional Christian view of human nature. Special attention will be given to the classics in the field by Freud, Jung, and William James, and to those Christian theologians who have been influenced by them. (Spring 1982)

Scandinavian Area Studies/116

345 Scandinavian - American Experience

The Old World Background and rise of "America Fever," adaptation to the New Land, aspects of Scandinavian - American culture. (Alternate years. Spring, 1982)

Social Science/117

Social Science

Myles C. Stenshoel (Division Chairperson)

Two emphases exist within the Social Science major: the General Major and the Non-Western emphasis. A student may not list a double major in Social Science and in one of the component disciplines unless the distribution selected in the Social Science major is significantly different from the other major.

General Major: 15 courses: 10 required courses (Economics 122, 123; History 221, 222; Geography 114; Sociology 121, 241; Psychology 105; Political Science 158 and 121 or 170); 4 upper division courses in one of the following disciplines: Economics, History, Political Science, Psychology or Sociology; a statistics course approved by the department in which the 4 upper division courses are taken. The student should choose an adviser who is a member of the department in which the upper division courses are to be taken. (For supplementary information and alternative ways to fulfill the state-approved competency-based program for secondary teacher education, see the following section on Social Studies for Secondary Education.)

Non-Western Major: 14 courses: History 103; 1 social science methodology course (Economics 379, Psychology 264, Sociology 362 or 365); and 12 courses, in at least 4 disciplines, from the following: Economics 122, 258; History 104, 322, 323, 324, 440, 474; Political Science 351, 363, 382, 461; Philosophy 355; Religion 356; Sociology 241; seminars, independent study or interim courses on relevant topics in History and/or Political Science. The student planning to fulfill this social science major should consult the chairperson of the Department of History in choosing a major adviser.

Social Studies

Myles C. Stenshoel (Coordinator)

Students preparing to teach social studies on the high school level must complete, in addition to the professional requirements to be met within the Department of Education, a competency-based program designed to provide a broad foundation in the social sciences.

Social Studies Licensure: 7 courses (Economics 122 or 123, Geography 114, History 222, Political Science 158, Psychology 105, Sociology 121 and 141) plus a major in one of five fields — Economics, History, Political Science, Psychology or Sociology — or incorporated in a Social Science Teaching Major, described in section above).

Students considering a career in social studies education should consult, as soon as possible, the Augsburg Department of Education and the Social Studies Coordinator.

Social Work 118-119

Major: The Augsburg Social Work Program is a professional program in preparation for social work practice leading to a Bachelor of Science degree. The core program consists of Bio. 101*; Psych. 105*, 351*, and 352*; Soc. 121*, 231*, 365, 375*, and 383*; and Social Work 257*, 361*, 363*, 364*, 461, 462, 463, 464, 465, 466 and 467. At least one Conservation of Human Resources (CHR) course is strongly recommended. A minimum grade of 2.0 is required in each upper division social work course required in the major.

*These courses are to be completed before the beginning of the senior year.

Concentration: Concentrations in Aging, Chemical Dependency, Crime and Corrections, Social Ministries, and Youth are possible. Concentration consists of courses descriptive of functional, dysfunctional, and programmatic aspects, plus field work placement in the senior year in the special area. Completion of a concentration is noted on the transcript.

Social Welfare Minor: 6 courses including 257 or department approved alternative internship; 361; 364; Psych. 351 or Soc. 375; Soc. 383; and Pol. 121 or 158 or 325 or Social Work 465.

School Social Work Certification: State Department of Education-required Human Relations Certification for school social work is available through successful completion of Education 388.

466 Field Work III (1/2 or 1 course)

Continuation of 462 conducted during Interim.

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Academic Calendar For 1980-81

(Tentative: Subject to Change)

Fall Semester 1980

Sept. 2-3	Registration and Welcome days
Sept. 4	Classes Begin
Sept. 19	Last Day for Adding Classes
Oct. 20	Mid-term Break
Nov. 21	Last Day for Cancelling Classes
Nov. 21	Classes Close at End of Day
Nov. 27	Thanksgiving Holidays
Dec. 1	Classes Resume
Dec. 12	Classes End
Dec. 16-19	Final Examinations
Dec. 19-Jan. 4	Christmas Holidays

Interim 1981

Jan. 5	Interim Begins
Jan. 30	Interim Ends
Feb. 6	Confirmation of Spring Registration

Spring Semester 1981

Feb. 4	Classes Begin
Feb. 20	Last Day for Adding Classes
Apr. 16	Classes Close at End of Day
Apr. 16-21	Easter Holidays
Apr. 21	Classes Resume
Apr. 25	Last Day for Cancelling Classes
May 15	Classes End
May 18-21	Final Examinations
May 24	Baccalaureate and Commencement

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