

1982

## Graduate Catalog, 1982-1983

Valparaiso University

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# VALPARAISO

## UNIVERSITY BULLETIN

*Sept 17, 1982*



**GRADUATE DIVISION**  
**1982-1983**

The material contained in this Bulletin is for information only and does not constitute a contract between the student and the University. The University and its various units reserve the right to revise policies, amend rules, alter regulations, and change financial charges at any time in accordance with the best interests of the institution.

It is the policy of Valparaiso University not to discriminate on the basis of sex, handicap, race, color, age, veteran status, or national or ethnic origin in its educational programs, admissions policies, employment policies, financial aid, or other school-administered programs. This policy is enforced by federal law under Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964, and section 504 of the Rehabilitation Act of 1973. Inquiries concerning the application of said Title IX and the published regulations to this University may be referred to the University's Compliance Director of Affirmative Action Plan.

**MASTER OF ARTS  
IN  
LIBERAL STUDIES**

**MASTER OF  
EDUCATION**

**MASTER OF  
MUSIC**

## THE ADMINISTRATION.

President .....	Robert V. Schnabel, Ph.D.
Vice-President for Academic Affairs .....	Richard P. Baepler, Ph.D.
Vice-President for Business Affairs .....	Fred W. Kruger, M.S. in M.E. (P.E.)
Vice-President for Public and Alumni Affairs .....	Richard P. Koenig, M.S.
Vice-President for Student Affairs .....	Daryll D. Hersemann, Ph.D.
Director, The Graduate Division .....	Ferencz P. Kallay, Ph.D.
Dean, The College of Arts and Sciences	Forrest L. Vance, Ph.D.
Assistant to the Dean for Continuing Education .....	James Siebert, B.A.
Registrar .....	Paul E. Thune, B.A.
Assistant Registrar .....	James F. LePell, M.A. in L.S.

The University, in offering graduate programs, is seeking to fulfill an objective set by The Lutheran University Association when it acquired the plant in 1925: to make the institution a Christian center of advanced study. The University desires through these programs to broaden its educational service to its constituency and to the community as a whole. There are elements of uniqueness in these programs, both in breadth and depth, which make them unusual in American higher education.

The program of graduate studies was initiated by Valparaiso University in the Summer Session of 1963. It has continued through late afternoon and evening courses during subsequent academic years. At present the plan is to offer graduate courses mainly in this pattern of Summer Sessions and evening courses.

The graduate programs are under the general supervision of the President and the Faculty of the University. The policies of the Graduate Division are determined by the Graduate Council, and the programs and regulations as defined by the Council are administered by the Director of the Graduate Division.

**Accreditation.** Valparaiso University is fully accredited by the North Central Association of Colleges and Schools for the offering of bachelor's and master's degrees. The graduate programs for the preparation of teachers are approved by the Indiana State Department of Public Instruction.

**Admission Requirements.** An applicant to the Graduate Division must be a graduate of an accredited college or university with a standing of at least 2.5 (C=2.00) in all work attempted.<sup>†</sup> Official transcripts of all undergraduate and previous graduate work and a completed form for admission (available from the Graduate Office) must be forwarded to the Director of the Graduate Division for evaluation. The transcripts and other application materials become part of the records of the Graduate Division, Valparaiso University, and are not returnable. Graduate students must be admitted at least three weeks prior to the semester they plan to enroll.

<sup>†</sup>Seniors wishing admission to the Graduate Division: A senior in Valparaiso University who has a standing of at least 3.00 in all work and a standing of at least 3.00 in all the work taken in his/her major field, and who needs not more than six semester hours of credit to meet the requirements for the baccalaureate degree, may be granted provisional admission to the graduate program. A student who has been granted such admission will be permitted to enroll for not more than six semester hours of courses designated for graduate credit and not more than a total of twelve semester hours during a semester; or for not more than three semester hours of courses designated for graduate credit and not more than a total of six semester hours during a Summer Session. Courses taken for graduate credit may not be counted toward fulfilling the requirements for a baccalaureate degree.

Applicants for the Master of Music degree program must, in addition to applying to the Graduate Division as described above, audition in their *principal* performing medium. Arrangements for the audition are made through the Department of Music.

The Director will assign an adviser according to the selected area of academic concentration once the student is admitted to the Graduate Division. Those students who are also working toward qualifying for teaching certificates will be assigned an adviser in the Department of Education in addition to their academic adviser.

**Program for Master of Arts in Liberal Studies.** This program is broad in scope, offering opportunities for study in several fields. Two basic two-hour courses in The Western Tradition, which are required of all students, provide an integrating core. Also, the student is required to present ten hours of work in one subject matter field other than education. The remaining hours in the thirty-hour program are electives, selected by the student after conference with his/her adviser(s). A maximum of twelve of these elective hours may be in professional education.

In addition, the program provides for the needs of both elementary and secondary classroom teachers who wish to work toward advanced certificates. Students will be able to adjust their programs within the field of concentration and the electives so as to strengthen subject matter competence and, if they desire, to add to their professional training in education.

The M.A.L.S. program provides a particularly challenging opportunity for professional workers who wish to strengthen their preparation and secure breadth of background in academic areas.

To be eligible for the degree of Master of Arts in Liberal Studies, a student must complete at least thirty semester hours, distributed as follows:

1. A core of 14 semester hours consisting of:
  - A. 10 semester hours in one subject-matter field (other than education), all of which must be taken at Valparaiso University, and
  - B. 4 semester hours in the courses entitled The Western Tradition I and The Western Tradition II, both of which must be taken at Valparaiso University.
2. 16 semester hours of electives (of which 12 semester hours may be in education).

At least 5 of the 10 semester hours required in the one subject-matter field and at least 15 of the 30 semester hours presented for the degree must be in courses numbered 300 or higher. These courses must be taken at Valparaiso University.

Under the Master of Arts in Liberal Studies program, students may concentrate their study in the following fields: English, Geography, History, Music, Psychology, or Sociology.

Teachers who plan to use the M.A.L.S. degree to professionalize their licenses should consult with the chairperson of the Department of Education concerning their specific programs.

**Program for Master of Education.** This program is designed to be used by elementary teachers in professionalizing their certificates. The Master of Education degree program is open only to certified elementary teachers or persons with a planned program for achieving certification.

To be eligible for the degree of Master of Education, a student must complete at least thirty-three credits, distributed as follows:

Foundations of Education.....	3 semester hours
(Education 305, 310, 315, 320 or its equivalent, or another 300-level course designated to meet this requirement)	
Research in Education .....	3 semester hours
(Education 317 or its equivalent)	
Other Professional Education Coursework .....	9 semester hours
Subject matter field(s) other than Education .....	12 semester hours
(a minimum of six hours of 300-level courses must be taken at Valparaiso University)	
Electives .....	6 semester hours
Total minimum requirement .....	33 semester hours
Minimum 300-level courses at Valparaiso University .....	15 semester hours

All students who are enrolled in the Master of Education program should consult with the chairperson of the Department of Education concerning their specific programs.

**Regulations for the Degree M.A.L.S. and M.Ed.** No thesis is required, but a term paper is a regular part of graduate courses.

**Program for Master of Music.** This 30-hour program is intended for performers, music teachers in the public and parochial schools, studio teachers, church musicians, and others who wish to continue their professional studies at the graduate level. An appropriate Bachelor's degree in music is a prerequisite.

Students whose undergraduate degrees are not that specified as prerequisite to each of the concentrations may be required to take certain undergraduate courses, which will not apply to the M.M. degree.

**1. Core**

Mus 235	Music Theory*	.....	3 semester hours
Mus 236	Music Theory*	.....	3 semester hours
Mus 308	Seminar, Music History**	.....	3 semester hours
Mus 308	Seminar, Music History**	.....	3 semester hours

\*Students whose undergraduate curricula included Music Theory 135, 136, or an equivalent may be permitted to omit one or both of these courses.

\*\*Topics vary from one semester to another.

**2. Concentration and electives**

Applied Music:

Mus 300	Applied Music .....	8 cr.	Prerequisite: BM in performance
Mus 390	Research Project ...	3 cr.	or its equivalent.
(subject must be related to the student's performance area)			

Mus 221 Pro-Seminar or . . . . .2 cr.  
 Mus 223 Pedagogy  
 Electives (at either 200 or  
 300 level) . . . . .5 cr.

Additional requirements:  
 1. Recital or lecture-recital; and  
 2. Final oral examination on the  
 literature of the student's  
 performing medium.

**Church Music, organ specialization**

Mus 300 Applied Music  
 (organ) . . . . .4 cr.  
 Mus 215 Liturgical Organ  
 Playing . . . . .2 cr.  
 Mus 200 Organ Improvisation 2 cr.  
 Mus 274 History of Church  
 Music . . . . .2 cr.  
 Mus 350 Choir . . . . .2 cr.  
 Mus 390 Research Project . . .3 cr.  
 (in the area of church music)  
 Elective (strongly recom-  
 mended):  
 Theology 255. (Principles  
 and Forms of Worship) . . . . .3 cr.

Prerequisite: B.M. in organ  
 or church music.  
 Additional requirements:  
 1. Recital or lecture-recital;  
 2. Final oral examination on  
 the history, literature, and  
 practice of church music; and  
 3. Participation in the music of  
 the University Chapel serves  
 as a practicum (non-credit).

**Church Music, choral specialization**

Mus 300 Applied Music  
 (voice) . . . . .4 cr.  
 Mus 227-28 Advanced Choral  
 Conducting . . . . .4 cr.  
 Mus 274 History of Church  
 Music . . . . .2 cr.  
 Mus 350 Choir . . . . .2 cr.  
 Mus 390 Research Project (in  
 the area of church music) . .3 cr.  
 Elective (strongly recommended):  
 Theology 255. (Principles  
 and Forms of Worship) . . . . .3 cr.

Prerequisite: B.M. in voice,  
 choral conducting or church  
 music.  
 Additional requirements:  
 1. Recital or lecture-recital;  
 2. Final oral examination on the  
 history, literature, and prac-  
 tice of church music; and  
 3. Participation in the music of  
 the University Chapel serves  
 as a practicum (non-credit).

**Music Education**

Mus 310 Problems in Music  
 Education . . . . .3 cr.  
 Mus 232 Workshop in Music  
 Education . . . . .2 cr.  
 Mus 390 Research Project (in  
 music education) . . . . .3 cr.  
 Mus 223 Pedagogy . . . . .2 cr.  
 Mus 200 Applied Music . . . . .2 cr.  
 Electives (2 courses in the  
 Department of Education,  
 one at 300 level, should  
 be elected to professionalize  
 license) . . . . .6 cr.

Prerequisite: Bachelor's degree  
 in music education or its  
 equivalent.  
 Additional requirements:  
 1. Final comprehensive  
 examination.  
 Note: Two additional credits in  
 ensemble (Mus 350, 352, 354,  
 356, or 358) strongly recom-  
 mended, bringing total number  
 of credits to 32.



## History of Music

Mus 390	Research Project	..3 cr.	Prerequisite: B.M. or B.A. in music including 1 year of language study.
Mus 308	Seminar in Music History	.....3 cr.	
	(in addition to the two seminars in the core)		Additional requirements:
Mus 221	Pro-Seminar or	....2 cr.	1. A reading knowledge of either French or German must be demonstrated by examination; and
Mus 223	Pedagogy		
Mus 200	Applied Music	.....4 cr.	2. Final comprehensive examination required.
Electives	(3 cr. at 300 level)	...6 cr.	

The recital or lecture-recital and the final written or oral examination required for the Master of Music degree are under the jurisdiction of the Department of Music and application for executing these requirements must be made to the department chairperson.

## GENERAL INFORMATION.

**Degree Plan and Admission to Candidacy.** To become a candidate for a degree, a student must have completed at least nine semester hours at Valparaiso University with a standing of at least 3.0 (B=3.0) and submit a degree plan approved by the Adviser(s) to the Graduate Division. The degree plan must be filed before the student has completed half of the graduate work. Submission and approval of this plan constitutes admission to candidacy. Forms for this purpose are available through the Graduate Division Office.

**Application for Graduation.** To receive the master's degree from Valparaiso University, students must make formal application to the Director of the Graduate Division within the first week of the term in which they expect to be graduated. They must give evidence that they have fulfilled all requirements for the degree and receive the approval of the Graduate Council. A student must have on file a degree plan and application for candidacy (see above) to be eligible to receive a degree.

**Marking System and Quality Points.** The grade marks reported and recorded in the Registrar's Office are as follows. The corresponding number of quality points per credit hours are also indicated.

Grade	Quality Points Per Credit Hour
A	4.0
A-	3.7
B+	3.3
B	3.0
B-	2.7
C+	2.3
C	2.0
C-	1.7
D+	1.3
D	1.0
D-	0.7
F	0.0

**Note:** Except for the grades C-,D+,D,D-, and F, all grades give credit toward graduation.

Graduate credit may be received for grades of C and above, BUT NOT MORE THAN three semester hours of C or C+ work may be counted to meet degree requirements.

Students must maintain a grade point average of 3.0 (B=3.0) in all graduate work undertaken at Valparaiso University. Graduate students may not use S/U for credit toward the degree.

I. Incomplete. The grade I (Incomplete) may, at the discretion of the instructor, be given to a student whose completed work in a course indicates the probability of his/her passing the course but who has failed to complete a segment of the assigned work of the course because of circumstances beyond his/her control. An I (Incomplete) received in one semester or summer session must be removed by the beginning of the official examination period of the next succeeding semester or it will automatically become an F. The student's deadline for submitting the outstanding work to the instructor shall be one full week prior to that date.

W. Only in exceptional cases, such as prolonged or serious illness, will the Graduate Council permit a student to withdraw from a course without a grade of F after the end of the seventh week of the semester or after the third week of a Summer Session.

**Repetition of Resident Courses for Credit.** Unless a course may be repeated for credit, only the credits, grade, and grade points received the last time a course is taken by a student at Valparaiso University shall be used in determining credit for a graduation and the cumulative grade-point average(s). A grade of W shall be excluded from this policy. The student's transcript shall record all grades, original and repeat.

A student who elects to repeat a course must secure the appropriate signature on the form provided for this purpose prior to repeating the course. The form is available in the Office of the Registrar.

**Teacher Certification.** Because of new state certification laws now in effect, it is imperative that students seeking professional certification should consult with the chairperson of the Department of Education concerning specific certification requirements prior to, or at the start of, graduate study.

**Elementary Certification.** Persons seeking to professionalize their general elementary licenses must devote at least 15 semester hours of their work to a combination of courses in education and subject matter directly related to elementary school teaching; a minimum of 12 semester hours must be in professional education. The Master of Education degree is designed to meet these requirements. The Master of Arts in Liberal Studies degree may be used for professionalizing the general elementary license, but coursework above the 30 semester hour minimum for that degree may be required. Consult the Department of Education concerning specific requirements.

**Secondary Certification.** Secondary teachers wishing to professionalize their teaching licenses should take the Master of Arts in Liberal Studies degree program. A minimum of 6 semester credit hours in professional education coursework is required with at least 3 of these taken at the 300-level at Valparaiso University. One course in Educational Foundations is required. Courses at Valparaiso University that meet this requirement are

Education 305, 310, 315, 320, or another 300-level course so designated by the Department of Education. At least 6 semester credit hours must be earned in each teaching field to be professionalized. Consult with the Chairperson of the Department of Education concerning specific requirements for each field.

**Reading Program.** The University offers courses which meet the certification requirements of the State of Indiana to teach reading as a subject-matter field and to professionalize such certification. Specific information regarding the reading program is available from the Department of Education.

**Independent Study.** With the permission of the chairperson of the department concerned and of the Graduate Council, a student may earn up to six of the thirty or thirty-three semester hours required for the degree by means of independent-study projects. No students may apply for permission to undertake an independent-study project until they have satisfactorily completed at least twelve semester hours of their approved master's degree program.

Before registering for an independent-study project, a student must place on file with the Graduate Office an outline of the project, together with a bibliography, which has the written approval of the directing professor and the department chairperson.

An independent-study project will be recorded as either course 290 or course 390 of the department concerned, depending upon the nature of the project. Neither course may be repeated for credit toward the fulfillment of degree requirements. Course 390 may be taken only in departments that offer 300-level graduate courses.

The titles and descriptions of these courses are as follows:

**290. Independent Study.** Cr. 3. Investigation of a special topic through readings under supervision of a faculty adviser. Certain departments may also require research, creative work, and/or a concluding paper.

**390. Research Project.** Cr. 3. The study of a topic of special interest to the student under regular supervision of a faculty adviser. A concluding paper of substantial proportions is required.

No student may register for an independent-study project during the final Summer Session of his/her program and no student should expect to start and complete an independent-study project in one Summer Session. An offered class may not be taken as an independent study.

An offered undergraduate only class may not be taken as a graduate level independent study.

ALL Independent Studies and Research Projects must be approved by the Director of the Graduate Division prior to registration for that project.

**Restricted Credits.** All graduate coursework offered by Valparaiso University will be accepted for credit towards a master's degree; however, a candidate may not submit more than 6 credits of workshops and 1-credit courses to fulfill degree requirements.

**Transfer Credits.** A maximum of six semester hours of transfer credit from another accredited graduate institution will be accepted for the degree. Transfer credits may not be used to meet 300-level course requirements. No course presented with a grade of less than B (3.0) will be considered

for transfer. These credits must have been earned not more than five years before the student is admitted to the graduate program. Transfer credit is subject to all of the restrictions that apply to short-term classes and workshops. With the exception of travel-study, only graduate courses that meet for more than one calendar week will be eligible for credit transfer. In addition, courses that carry two semester credits must meet for a minimum of two calendar weeks, while courses that carry three semester credits must meet for a minimum of three calendar weeks. Transfer for travel-study will not exceed two credits per calendar week. All requests for transfer must be in writing and will be evaluated by the Director of the Graduate Division. Forms for transfer of credit are available in the Graduate Division Office.

Graduate work in areas or disciplines not offered at Valparaiso University may be used to fulfill elective requirements of either the M.A.L.S. or M.Ed. degrees, providing that it is consistent with the University's concept of liberal studies.

**Appeal Procedure.** Written appeals of administrative decisions regarding a student's admission, program, or completion of degree requirements may be filed with the Director of the Graduate Division for presentation to the Graduate Council.

**Course Changes.** Regular courses may be added or dropped and sections changed by means of a drop-add card available in the Graduate Division Office, until 5:00 p.m. on the seventh class day of the semester.

Students may drop a regular course with a grade of W by filing a drop-card with the Graduate Division Office between the last date to file drop-add cards and 5:00 p.m. on the 45th class day of the semester. The card must be signed by the Director of the Graduate Division. After this period, students will receive an F if they drop a course, unless a petition to the Graduate Division is approved because of special circumstances, such as serious or prolonged illness. Students who drop courses after the first week should read the regulations in this bulletin concerning grades of W and F.

Exact dates are listed in each semester bulletin.

**Petitions.** It is to student's advantage to adhere to published requirements and regulations. A petition for approval to deviate from requirements must be made to the Director of the Graduate Division.

**Important Special Notes.** Credits earned more than 5 years prior to the date of admission are subject to re-evaluation and shall not be accepted toward a master's degree unless approved by the Graduate Director and the Graduate Council.

A course previously taken for undergraduate credit at Valparaiso University or elsewhere cannot be taken again as a graduate-undergraduate course for graduate credit.

Credits used to fulfill requirements for one degree may not be used toward another degree.

All coursework taken elsewhere which is to be applied to a Valparaiso University degree must be approved in advance. Forms are available in the Graduate Division Office.

All work for the master's degree must be completed within a period of five calendar years from the date of admission into the program. (A student may petition for a maximum of one extension of up to five years.)

Students should have frequent conferences with their advisers. This is especially important:

1. At the beginning of their degree program
2. At the time of filing Candidacy
3. Prior to graduation. (Application for Graduation)

It is recommended that students see their advisers more than this, but students must see their advisers at least three times.

**Fees.** Application fee .....\$15.00  
This fee is to accompany the application for admission form. It is payable only once, upon initial application. It is not refundable.

Placement fee (optional) .....\$10.00  
This fee will be charged each teacher candidate who wishes to use the Teacher Placement Service. This fee provides placement service for one placement year (October 1 - September 30).

**Transcript Fee.** No charge is made for any transcript issued. No official transcript of a student's record is released until the student has met in full all obligations to the University.

**Late Registration Fee.** This fee becomes effective after the close of the last official day of formal registration. In no case will late registrants be exempted from this fee, unless for valid reasons they have been given written authorization for exemption by the Director of the Graduate Division.

**Business Office Policies.** Tuition, fees, and any other charges are due at the time registration is completed. Those who do not pay in full at that time will sign a Payment Agreement, provided by the Graduate Division Office, which requires 50% to be paid at time of registration with the balance paid prior to the end of the semester. There is a 1% monthly service charge on the open balance as of the end of each month. The total account must be paid in full before students may register for a succeeding semester.

Students enrolled in the graduate program are expected not to enroll in undergraduate courses, unless approved by the Director of the Graduate Division. If a deviation is granted, the graduate student will then pay the undergraduate fee rate for those undergraduate courses.

Other fees are indicated in University bulletins covering Summer Session, evening offerings, and the regular academic year.

**University Library Facilities.** The Henry F. Moellering Memorial Library, situated directly across from the chapel, is the general library of the University. It serves the students, faculty, and staff of the campus community with a collection of 260,000 bound volumes, 66,000 microforms, and with the regular receipt of 1,450 periodical journals. In addition, the library maintains a separate collection of 110,000 government documents and a collection of 85,000 maps. These have been developed primarily through depository status

with the U.S. Superintendent of Documents, the State of Indiana, the U.S. Geological Survey, and the Defense Map Service. Musical and literary recordings are available in the Music Record Library, a collection of 4,000 records and tapes. All materials are available to users on open shelves with the exception of reserved books, the University Archives, and rare books. Reading rooms are air conditioned and seating is distributed throughout the building.

The Instructional Materials Center at Moellering Library offers assistance to instructors and students in the preparation of instructional materials using AV equipment.

The library assumes an active role in interlibrary cooperative efforts and holds memberships in the Indiana Cooperative Library Association, the Ohio Colleges Library Center, the Northwest Indiana Area Library Services Authority, the Midwest Health Science Library Network, and the Metropolitan Periodical Service. Through these relationships, the Interlibrary Loan Department provides services from other libraries with maximum efficiency. With the recent addition of a TI 785 data terminal, the staff of the library is now providing on-line bibliographic searching for faculty and students.

The library of the School of Law, with over 125,000 holdings and a LEXIS computer system, is located in Wesemann Hall, and a curriculum library is maintained in the J. W. Miller Hall.

**University Art Galleries and Collections.** The principle gallery and the collections of almost 800 works of art are located in the Henry F. Moellering Memorial Library. The core collection—the Sloan Collection of American Paintings—and a fund for its maintenance, expansion, and educational use were gifts to the University from Spencer and Percy H. Sloan in memory of their parents, Junius R. and Sara L. Spencer Sloan. Works from these collections are on constant display in the Moellering Library and elsewhere on campus, making a significant contribution to cultural life. In addition, the Galleries maintain a schedule of visiting exhibitions and related programs representing various aspects of the world of art.

**Living Accommodations.** In summer sessions only, comfortable living accommodations in university dormitories on campus are available for graduate students.

The residence halls, with floors reserved especially for graduate students, are within a short walking distance of all classrooms. Dormitory fees are indicated in the University bulletin covering summer session.

Meals may be obtained at the Valparaiso Union located near the residence halls.

Requests for living accommodations must be made in advance of registration—and should be directed to:

The Director of the Graduate Division  
Valparaiso University  
Valparaiso, Indiana 46383

**Honor System.** The student-initiated Honor System has a long history at Valparaiso University and is a strong distinguishing characteristic of the institution. It is in every way consistent with the highest principles of Christian ethics and morality. In sanctioning the Honor System, the University presumes that students are able and willing to accept the duties and responsibilities of honorable conduct for the sake of the Valparaiso University community.

Honor Code: "I have neither given nor received, nor will I tolerate others' use of unauthorized aid."

Under the Honor System all written examinations, of any length, are taken in an atmosphere free from the surveillance of a proctor. Every student has the responsibility to keep academic work free of dishonesty, that is, to neither give nor receive unauthorized aid. Non-toleration of the use of unauthorized aid is a further responsibility which is inherent in the Honor System. Each student must report to the Honor Council any violation of the System of which he/she becomes aware. The student is usually asked to sign a pledge on work done for academic credit to the effect that no unauthorized aid was given, received, or tolerated.

The Honor Council is an educational, preventive, remedial, and judicial body with the duty of maintaining the Honor System in the academic community. The Council hears alleged Honor Code violations and then makes a recommendation to the President of the University regarding guilt or innocence and any penalty. The Council is composed of students who are chosen by the incumbent members subject to the approval of the President of the University.

The faculty reserves the right to abrogate the Honor System at any time.

**Course for Graduate Credit.** All courses numbered 200 and above are open only to those students who have been officially admitted to the Graduate Division.

Not more than fifteen semester hours of work for graduate credit may be carried in any one semester, nor more than nine semester hours of credit in any Summer Session. Permission to take a heavier load must be secured from the Director of the Graduate Division.

NOTE: Announcements for specific semesters and for summer sessions will indicate which courses are offered during those periods.

## **ART**

**211. Topics in the Theory and History of Art.** Cr. 1-3. An investigation of major periods or developments in the visual arts. Included may be historical topics such as Ancient, Medieval, Renaissance, Baroque, American Art since 1945; or Architecture; or theory topics such as aesthetics, modern design, or color. May be repeated for credit provided topic is different.

**220. Modern Art.** Cr. 3. A study of the major developments in painting and sculpture in the nineteenth and twentieth centuries.

**298. Special Studies.** Cr. 1-3. Special work in the practice of art or the teaching of art arranged for by a professor and one or more students. Included may be, for example, work in the crafts, in liturgical design, or in areas of the practice of art or the teaching of art offered in the catalog. A maximum of six credits may be applied to a master's degree. Prerequisite: undergraduate art major.

## BIOLOGY

- 205. Biochemistry.** (Also offered as Chemistry 205). Cr. 3. The chemistry of proteins, carbohydrates, fats, and nucleic acid, and the changes these undergo during processes of digestion and metabolism; stress on physical biochemistry topics and enzyme kinetics.
- 257. Ecology.** Cr. 3. A study of organisms in relationship to their physical and biotic environment. There is considerable field work in local terrestrial and aquatic habitats.
- 259. Bacteriology.** Cr. 3. A study of the cell biology of bacteria and their viruses including morphology, growth and cultivation, physiology, environmental factors, and genetics.
- 261. General Physiology.** Cr. 3. A study of the fundamental physiological activities of animal and plant cells and tissues. The course includes lectures, assigned readings, and experimental work in cell structure and cell organelles, energy conversion and synthesis, membrane transport, and excitability and contraction.
- 270. Cytology.** Cr. 3. A study of the experimental cytology of eucaryotes including cell organelles, cellular and molecular basis of cytogenetics, somatic cell genetics, and methods for cytological analysis.
- 275. Developmental Biology.** Cr. 3. An introduction to the descriptive and analytic study of plant and animal development and growth, with emphasis on higher plants and vertebrate animals.

## CHEMISTRY

- 201. Elementary Physical Chemistry.** Cr. 3. A one-semester course in physical chemistry covering elementary thermodynamics and kinetics, together with their applications to various chemical systems.
- 205. Biochemistry.** (Also offered as Biology 205.) Cr. 3. The chemistry of proteins, carbohydrates, fats, and nucleic acid and the changes these undergo during processes of digestion and metabolism; stress on physical biochemistry topics and enzyme kinetics.
- 238. Inorganic Chemistry.** Cr. 3. A systematic study of the elements and their compounds from the standpoint of the periodic law. Special theoretical topics in inorganic chemistry are discussed. Prerequisite: consent of the chairperson of the department.
- 250. Advanced Organic Chemistry.** Cr. 3. The lecture is devoted to a discussion of physical organic chemistry with experimental methods illustrated by modern organic analysis. The laboratory is devoted primarily to organic analysis by functional groups and by modern instrumental techniques. Prerequisites: Chemistry 108 and 101 or 121 or the equivalent or the consent of the chairperson of the department.

## ECONOMICS

- 221. Intermediate Micro-Economic Theory.** Cr. 3. A study of the theoretical concepts and analytical techniques which economists employ to interpret the process of resource allocation under various systems of economic organization.
- 222. Intermediate Macro-Economic Theory.** Cr. 3. A critical examination of theories of national income determination and of techniques for measuring and analyzing aggregate economic activity.
- 250. Economic History of the United States.** Cr. 3. The history of the economic development of the United States from the colonial period to the present.
- 270. The History of Economic Thought.** Cr. 3. Economic thought in its historical development from the Mercantilists to the present day.
- 299. Topics in Economics.** Cr. 3. A course in which a special topic in economics will be given intensive study. The topic will vary from year to year.



## EDUCATION

- 240. Special Education: Learning Exceptionalities.** Cr. 3. A course designed to introduce the student to the needs of exceptional children and the techniques of educating them.
- 274. Reading in the Content Areas.** Cr. 3. Lectures and demonstrations cover the reading process as it is involved in the various content areas of junior high, middle school, and secondary school curricula. Specific techniques for developing competencies in diagnosis of reading difficulties and in instruction of reading in the content areas are given emphasis.
- 276. Foundations of Reading.** Cr. 3. A course of lectures and demonstrations which cover the reading process, appraisal of reading needs, directed reading activities and reading skill development.
- 277. The Elementary School Curriculum.** Cr. 3. A study of the composition of today's elementary curriculum, the factors which affect its development, the principles governing curriculum organization, and current curricular patterns.
- 278. Kindergarten Education.** Cr. 3. This course deals with the curriculum, the teaching techniques and the materials used in the nursery school and kindergarten. Special emphasis will be given to the education needs of the pre-school child.
- 280. Introduction to Educational Media.** Cr. 3. An introduction into the ways of effective selection and utilization of media, both material and equipment. The course includes laboratory experience in the production and equipment operation in different media.
- 281. Educational Guidance and Counseling.** Cr. 3. A course dealing with the nature, functions, and organization of student personnel programs in elementary and secondary schools with counseling and guidance services the central feature.
- 282. Educational Measurement.** Cr. 3. A course dealing with theory of measurement, interpretation of measurement data, and testing in relation to pupil achievement and guidance.
- 284. Reading Disabilities.** Cr. 3. Lectures and demonstrations on the general nature of identification, diagnosis and classification of individuals with reading problems at all ages and levels of instruction. Emphasis is also given to the various theories of reading disability. Prerequisite: six hours of coursework in reading.
- 285. The Junior High/Middle School.** Cr. 3. A study of the development, organization, and curriculum of junior high and middle schools with emphasis on the unique societal and educational roles played by these institutions.
- 286. Junior High/Middle School Teaching: Principles and Methods.** Cr. 3. A study of the principles, methods and materials involved in teaching in junior high and middle schools. Individualization of instruction and interdisciplinary learning are emphasized.
- 287. Practicum in Junior High/Middle School.** Cr. 3. Each student will be assigned to a minimum of 80 hours of supervised field experiences in a junior high or middle school. The experiences will include department/grade level/team planning activities; intramural-athletic activities; home room/home base activities such as peer counseling, individual guidance, values clarification, moral development, exploratory courses, and recreational events; working with students on individualized study projects; teaching study skills to students, individually and in groups. Prerequisites: Education 285 and Education 286 or concurrent enrollment. Fee, \$35.00.
- 289. Practicum in Corrective Reading.** Cr. 3. A laboratory experience which provides practice with primary, elementary, and middle school/junior high children whose reading disabilities are mild to severe. Emphasis is given to training in evaluation of reading performance and planning and implementing suitable instructional strategies.
- 299. Current Problems in Education.** Cr. 1-3. An intensive study of an area of education. Subtitles, amount of credit, and content will depend on instructor's choice and student interest. Prerequisite: consent of the chairperson of the department.
- 305. Philosophical Foundations of Education.** Cr. 3. A course in educational thought designed to explore systems of thought with emphasis upon educational philosophical patterns, their implications for influence upon practice and theory in education.
- 308. Decision Making in Curriculum and Instruction.** Cr. 3. The course explores the foundations of school curriculum: social forces, human development, learning, and knowledge. Various instructional models and techniques are studied and demonstrated. Specific areas of both elementary and secondary curriculum and instruction are dealt with in lecture, discussion, and individual research.

**310. Advanced Educational Psychology.** Cr. 3. Basic study of psychological concepts and phenomena as related to the teaching-learning situation. Emphasis on the interpretation and analysis of psychological research concerning human behavior and development. Designed particularly for experienced teachers.

**315. School and Society.** Cr. 3. A study of the relationships of the school, its students and its teachers, to the many forces and agencies of our society. The school as transmitter of heritage and agent of social change.

**317. Research in Education.** Cr. 3. A course designed to develop skill in reading, interpreting, and evaluating research in education. Particular emphasis will be given to applications of research findings in educational areas of interest to students.

**320. Historical Foundations of Education.** Cr. 3. The history of American education in its cultural framework. Special attention will be given the reform movements of the 20th Century.

**323. Research in Reading.** Cr. 3. A review of basic research in reading as applied to principles of learning, instructional processes, and curricular organization. Prerequisites: Education 276 or equivalent and a course in statistics or measurement.

**326. Diagnosis of Reading Difficulties.** Cr. 3. Theory and techniques of testing and evaluation in reading; analysis and interpretation in several areas including physical capacity, mental ability, emotional adjustment and academic achievement. Prerequisite: Education 276 or equivalent.

**329. Clinical Practicum in Reading.** Cr. 3. Guided experience in clinical practice in reading instruction with emphasis on specific remedial theory and techniques. Prerequisite: Education 326 or the equivalent.

**335. Current Educational Thought.** Cr. 3. A course designed to familiarize the student with current problems and innovations in the field of education. Extensive reading and discussion of selected essays, articles, and books dealing with issues in education are required. Prerequisite: consent of the instructor.

**338. Supervision of Student Teaching and Other Clinical Experiences.** Cr. 3. A course dealing with roles and responsibilities of supervising student teaching and other clinical experiences at the elementary and secondary level. The historical development of student teaching and earlier field experiences, current programs, research regarding teacher effectiveness, and data-gathering techniques for supervising prospective teachers will be studied.

**340. Seminar in Education.** Cr. 3. An intensive study of a significant topic in education. Subtitles and course content will depend on instructor's choice and student interest. This course may be repeated for credit if the topics are different.

## ENGLISH

**200. Methods of Literary Criticism and Research.** Cr. 3. Designed to give students practical experience in the theories and methods of modern literary scholarship and criticism. The course aims to acquaint students with the presuppositions about literature which underlie critical writing and thus to provide standards for evaluating critical and scholarly works. It also provides intensive training in the analysis of literary texts.

**209. Medieval Studies.\*** Cr. 3. A study of medieval lyrics, narratives, drama of romances, with lectures on medieval social and intellectual backgrounds. In alternate semesters, this course will deal solely with the work of Chaucer.

**210. Shakespeare.** Cr. 3. Close readings of representative plays: histories, comedies, and tragedies.

**220. Renaissance and Seventeenth Century Studies.\*** Cr. 3. Readings in significant works of selected writers ranging from More to Milton, with attention to the intellectual, religious, and political background of the Renaissance and earlier seventeenth century.

**230. Restoration and Eighteenth Century Studies.\*** Cr. 3. An intensive study of several major writers and dominant literary types in England from 1660 to 1780, with attention to the historical and cultural backgrounds of the period.

**241. History of the English Language.** Cr. 3. An introduction to the development of modern English from Indo-European with emphasis upon structure and vocabulary.

- 242. Modern English Grammar.** Cr. 3. An introduction to such recent linguistic developments as structural grammar and transformational-generative grammar.
- 243. Introduction to Linguistics.** Cr. 3. A general introduction to the theory and methodology of linguistics. The course includes descriptive and historical linguistic, basic notions of grammatical theory, and exploration of some of the relations of linguistics to other branches of knowledge. The presentation of general principles will be supplemented by practical problems in linguistic analysis.
- 256. The Novel.** Cr. 3. A study of representative English novels of the eighteenth and nineteenth centuries, with discussion of the social background.
- 260. Modern Drama.** Cr. 3. A study of plays typical of the various phases of the development of British and American drama after 1870, with some attention to related Continental drama.
- 270. Modern Fiction.** Cr. 3. Readings of representative works of the most important British and American novelists of the twentieth century, with emphasis on various theories of fiction dominant during the period.
- 275. Modern Poetry.** Cr. 3. Readings in selected modern poets and their forerunners, especially the French Symbolists. The British and American poets included may range from Yeats and Eliot to Auden, Robert Lowell, and some other contemporary figures.
- 279. Literature for Adolescents.** Cr. 3. A survey, by types, of distinguished literature suitable for students in secondary schools. Emphasis on the reading of selected books representing the wide range of literature for adolescents, and developing of analytical and evaluative techniques. Introduction to bibliographical aids, review media, and current research in the field.
- 295. Topics in Literature.\*** Cr. 2 (half course) -3. An open-topic course, which may concern a single writer or a group of writers; a literary type of theme; a contemporary art form (e.g., development of the cinema); or an aspect of modern popular culture (e.g., science fiction and fantasy).
- 303. Seminar in Literature for Children.** Cr. 3. A study of the great children's literature of the past and the present, of the value that that literature holds for children, and of the criticism of that literature with the aim of developing a set of critical standards for the evaluation of books for children; a study of criteria for selecting books for school use. This course includes a scrutiny of representative scholarship as well as the handling of many bibliographical tools.
- 309. Theory and Practice of Expository Writing.** Cr. 3. Readings and lectures in the theory of exposition; practice in analyzing essays and in writing various forms of exposition; study of the principles of teaching expository writing.
- 310. Studies in Nineteenth Century British Literature.\*** Cr. 3. Selected writers from the Romantic and/or Victorian Periods are read in considerable depth, from a special critical, historical or cultural viewpoint.
- 315. Shakespeare and His Contemporaries.\*** Cr. 3. A concentrated study of a selection of works by Shakespeare (or by Shakespeare and some of his contemporaries), to reveal both his debts to and his transcendence above the literary, intellectual, and social conventions of his day. The emphasis is largely, though not exclusively, on dramatic literature.
- 320. Studies in Nineteenth Century American Literature.\*** Cr. 3. A study of several important American writers of the nineteenth century, selected on the basis of theme, genre, or relation to a particular literary movement or intellectual background.
- 325. The Western Tradition I.** (Also offered as History 325.) Cr. 2. A study of some of the important aspects of the heritage that has come down to us from the ancient Greek, Roman, and Judeo-Christian cultures. This course will be devoted, for the most part, to a close reading of important selected texts.
- 326. The Western Tradition II.** (Also offered as History 326.) Cr. 2. A study of some of the more important aspects of the heritage that has come down to us from the Middle Ages, the Renaissance, and the Reformation. This course will be devoted, for the most part, to a close reading of important selected texts.

**335. Studies in Modern Literature.\*** Cr. 3. Topic is open, and determined chiefly by expressions of student interest. Thorough investigation of a significant theme, intellectual or cultural trend, movement, or school of writers within the past hundred years. Recent topics include: Visionary and Philosophical Literature (Yeats, Lawrence, Eliot, Mann, Kafka; The Existential Novel; The Southern Renaissance).

## FOREIGN LANGUAGES AND LITERATURES

**Note:** All French literature seminars listed below may be repeated several times provided there is no duplication of material. Prerequisite: French 111 or consent of the chairperson of the department.

**260. Seminar in French Renaissance Literature.** Cr. 2-3. Study of individual genres, authors, movements, or aspects of French literature of the Renaissance. May be repeated.

**261. Seminar in French Classical Literature.** Cr. 2-3. Study of selected topics in the literature of the seventeenth and early eighteenth centuries. May be repeated.

**262. Seminar in French Literature of the Enlightenment.** Cr. 2-3. Selected areas of study in the writings of pre-revolutionary France. May be repeated.

**263. Seminar in French Literature of the Nineteenth Century.** Cr. 2-3. Study of such topics as Romanticism, Realism and Naturalism in the French novel, theatre, or poetry. May be repeated.

**264. Seminar in Contemporary French Literature.** Cr. 2-3. Study of literary trend-setters in the novel, drama, or poetry of France before and after World War II. May be repeated.

**230. German Civilization.** Cr. 3. An historical survey of the German cultural heritage in the fields of history, philosophy, religion, sociology, and the fine arts. Prerequisite: German 110, 112, or 120 or the equivalent or consent of the chairperson of the department.

**260. Studies in the History of German Literature.** Cr. 2-3. Selected periods from the History of German Literature. Course may be repeated provided there is no duplication of material.

**220. Survey of Latin Literature I.** Cr. 2-3. Latin poetry and prose of the Roman Republic.

**221. Survey of Latin Literature II.** Cr. 2-3. Latin poetry and prose of the Roman Empire.

## GEOGRAPHY

**266. History of Geography.** Cr. 3. Readings, papers, and discussion on the development of geographic thought especially in the nineteenth and twentieth centuries; on basic concepts of the field; on the place of geography within thought and value systems; and on the contributions of major geographers, past and present, to the discipline and to the large world of thought.

**270. Political Geography.** Cr. 2. An investigation of the relations among political activities, organizations and the geographic conditions within which they develop. Political power will be discussed in terms of spatial, human, cultural, and ethnic geography.

**271. Selected Topics in Physical Geography.** Cr. 2-3. Advanced studies in physical geography. Such topics as weather forecasting, landform analysis, applied climatology, and the development of environmental impact statements will be considered. May be repeated with a change in topic. Prerequisite: Geography 3 or 4 or the equivalent.

**274. Historical Geography of the United States.** Cr. 3. A regional treatment of the exploration, colonization, territorial expansion, migration, transportation, settlement, and economic development of our country in relation to the physical environment. The course is primarily designed for students majoring in one or another of the social sciences.

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\*All courses designated by asterisk (\*) may vary in content and in writers assigned, depending upon the instructor and year given. Such courses may be taken twice for credit, provided topic is new, or there is no significant overlapping in the reading lists.

- 276. The Geography of World Affairs.** Cr. 2. A workshop course to develop the technique of interpreting current world events in the geographic framework in which such events occur.
- 278. Field Study.** Cr. 2. A laboratory and field course designed to develop insight into the purposes and techniques of geographic field work. Prerequisite: consent of instructor.
- 310. Cultural Geography of the Western World.** Cr. 3. A geographic appraisal of the European-American regional patterns of culture.
- 315. Cultural Geography of the Non-Western World.** Cr. 3. A geographic appraisal of the cultural regional patterns of the non-Western world.
- 320. American Resources.** Cr. 3. A study of the nature and function of natural resources of the United States in the context of prevailing physical and cultural conditions.

## HISTORY

### EUROPEAN HISTORY.

- 211. Greek and Roman Civilization.** Cr. 3. A study of the Greek and Roman political, social, and intellectual development from the Mycenaean period to the fourth century A.D.
- 212. Europe in the Age of the Reformation.** Cr. 3. A study of the political, socioeconomic, and religious conditions in Europe under the impact of the Protestant Reformation.
- 213. History of Modern England.** Cr. 3. A study of English history in the eighteenth, nineteenth, and twentieth centuries. Stress will be placed on understanding the political, cultural, and industrial development of England as a great power and its position in the contemporary world.
- 214. The British Imperial Experience.** Cr. 3. A study of the British empire, emphasizing its evolution in the nineteenth and twentieth centuries. Particular attention will be given to an introduction of the Old Dominions (Canada, Australia, New Zealand, and South Africa, to the British in India, and to interpretations of imperialism).
- 215. Contemporary Europe.** Cr. 3. A study of the European scene from the Great Depression, Nazi Germany, and World War II to the present.

### HISTORY OF THE AMERICAS.

- 221. The American Revolution, 1763-1789.** Cr. 3. A detailed study through readings and discussion of the unresolved conflicts between Great Britain and her American colonies; the political, military, and social aspects of the revolution; and the post-war problems culminating in the adoption of the Constitution.
- 222. Slavery, Abolitionism, and Sectionalism, 1815-1860.** Cr. 3. A detailed study through readings and discussion of the institution of slavery, the growth of abolitionism and other reform movements, and the development of sectionalism leading to the outbreak of the Civil War.
- 223. Civil War and Reconstruction.** Cr. 3. A study of the great watershed conflict in American history, with special emphasis on the problems of Black Americans.
- 224. Depression and War: The United States, 1929-1945.** Cr. 3. This course examines the nature of the Great Depression and its effects upon the relationship of government to citizens in the United States. It also traces the European and Far Eastern origins of the American involvement in World War II as well as the diplomatic and military conduct of that war.
- 225. The Age of Anxiety: The United States since 1945.** Cr. 3. An examination of the post-war American response to the prospect of living in an uncertain world.
- 226. American Constitutional History.** Cr. 3. An examination of the growth of the American constitution from its colonial origins to the present. Emphasis is placed on such developments as the constitution's formation, its testing in the Civil War, and its adjustment to the problems of twentieth century society.
- 227. History of American Political Parties.** Cr. 3. A study of the development of American political parties from their appearance in the eighteenth century to the present. Emphasis is placed on the evolution of political leadership, the creation of coalitions, and political campaign behavior.

**231. History of Mexico.** Cr. 3. A study of the struggle for political, economic, and cultural identity in America's southern neighbor.

#### **NON-WESTERN HISTORY.**

**241. History of Modern China.** Cr. 3. A study of the decline of traditional civilization resulting from domestic crisis and foreign pressures, and the search for a new orthodoxy in the Chinese Revolution.

**242. History of Modern Japan.** Cr. 3. A study of Japan's rise to position as world power with emphasis upon the consequent social and cultural dislocations in the twentieth century.

#### **SPECIALIZED OFFERINGS.**

**260. Topics in History.** Cr. 3. An in-depth study of an historical topic, problem or issue. Topics will vary according to student interest and instructor choice. Possible topics include American colonial history, the development of the press in Britain and America, the Renaissance, the French revolution, traditional Chinese culture, and the history of women. This course may be repeated for credit if the topics are different.

**272. Reading and Discussion Seminars.** Cr. 2-3. Full- or half-semester courses covering a variety of subject areas with subtitles and content depending upon student interest and instructor choice. In recent years these have included courses on Slavery in the Americas, the History of the American South, Revolutionary Russia, the Vietnam War through Film and Literature, Pearl Harbor, American Immigration History, and the Cuban Revolution. This course may be repeated for credit if the topics are different.

**280. Supervised Study.** Cr. 2-3. An opportunity for students (1) to read a number of significant works on a given topic in history, or (2) to do research and write a major paper on a topic which is not covered in any scheduled offering of the department. Open to students who have taken at least eighteen hours of history and who have the prior consent of both the instructor and the department chairperson. If the student chooses the research option, he must have completed History 170 before undertaking this course. This course can only be taken once from a given instructor, only once per subject area.

**296. The Interpretation of History.** Cr. 2. An introduction to selected major historians and their approaches to problems of interpretation faced by students of history. Prerequisite: six hours of history.

**325. The Western Tradition I.** (Also offered as English 325.) Cr. 2. A study of some of the important aspects of the heritage that has come down to us from the ancient Greek, Roman, and Judeo-Christian cultures. This course will be devoted for the most part, to a close reading of important selected texts.

**326. The Western Tradition II.** (Also offered as English 326.) Cr. 2. A study of some of the important aspects of the heritage that has come down to us from the Middle Ages, the Renaissance, and the Reformation. This course will be devoted, for the most part, to a close reading of important selected texts.

**335. Problems In European History.** Cr. 3. An intensive study of a significant period of movement in European history. Subtitles and content will depend upon instructor's choice and student interest. Normally, this course will require a major paper.

**336. Problems In United States History.** Cr. 3. An intensive study of a significant period or movement in American history. Subtitles and content will depend upon instructor's choice and student interest. Normally, this course will require a major paper.

**337. Problems in East Asian History.** Cr. 3. An intensive study of a significant period or movement in East Asian History. Subtitles and content will depend upon instructor's choice and student interest. Normally, this course will require a major paper.

**356. Latin America in the 20th Century.** Cr. 3. A study of the Latin America peoples since 1900, their internal problems, policies, and foreign relations. Attention will be centered upon Mexico and the Caribbean.

#### **JOURNALISM**

**275. Mass Media in Modern Society.** Cr. 3. Study of interaction between mass media and society. Examination of freedom of the press theories, communication theory, and relationships—problems in the role of the press with government, business, the courts, and other segments of society.

**276. Supervision of Student Publications.** Cr. 3. Problems and practices of supervision of secondary student newspapers, magazines, yearbooks, and other school publications. Includes examination of state-adopted texts, the role of the high school press, budgeting and financial responsibilities, organizing staffs, working with school administration, establishing curriculum, reviewing other school publications and basic journalistic styles. Prerequisite: consent of chairperson of the department. Field trip and laboratory fee.

## **MATHEMATICS AND COMPUTER SCIENCE**

**237. Algorithms and BASIC Programming.** Cr. 3. A fundamental course in algorithm development and problem-solving and an introduction to the use of a computer system with special emphasis on the programming constructs in the language BASIC. In order to solve problems in a computer environment the student will design elementary algorithms and write, debug, and document BASIC programs for the implementation of those algorithms. Includes a course project.

**243. Topics in Mathematics for Elementary Teachers I.** Cr. 3. This course is intended for teachers in the elementary schools. Topics include elementary logic; sets; problem solving; numeration systems; the whole number system; the rational number system; elementary number theory. Some attention is given to the teaching of these topics in the elementary school.

**244. Topics in Mathematics for Elementary Teachers II.** Cr. 3. A continuation of Mathematics 243. Topics include two and three-dimensional geometry; measurement; functions; graphing; probability and statistics. Prerequisite: Mathematics 243.

## **MUSIC**

Note: No more than ten credits in applied music, and no more than fifteen in applied music and composition combined, may be counted toward a degree.

**215. Liturgical Organ Playing.** Cr. 2. A practical course in playing hymns and chants, accompanying, realization of figured bass, score reading, and improvising in small forms. The historic and present-day role of the organ in the liturgy will be discussed. Prerequisites: 3 years of organ study and Music 14, or permission of instructor. (Offered in 1981-1982 and alternate years thereafter.)

**221. Pro-Seminar in Music.** Cr. 2-3. An intensive study of a limited area in the history or theory of music. This course may be repeated for credit. Prerequisite: consent of the chairperson of the department. (Offered in 1981-1982 and in alternate years thereafter.)

**223. Pro-Seminar in Pedagogy of Music.** Cr. 2. A consideration of the problems of teaching basic musicianship at all levels. Special attention will be given to the adapting of basic principles to the media of most interest to the members of the pro-seminar. Prerequisite: consent of the chairperson of the department. (Offered in 1982-1983 and in alternate years thereafter.)

**225. Instrumental Conducting.** Cr. 2. A study of instrumental scores, conducting techniques, and materials. Prerequisite: Music 113.

**226. Advanced Instrumental Conducting.** Cr. 2. A continuation of Music 225. Prerequisite: Music 225 or the equivalent.

**227. Advanced Choral Conducting.** Cr. 2. A course for school musicians and professional church musicians dealing with advanced problems in choral conducting. Prerequisite: Music 114 or the equivalent.

**228. Advanced Choral Conducting.** Cr. 2. A continuation of Music 227. Prerequisite: Music 227 or the equivalent.

**232. Workshop in Music Education.** Cr. 1-2. A study of current topics in music education in summer workshop sessions of one or two weeks.

**235. Music Theory.** Cr. 3. A study of non-tonal counterpoint. Creative projects and analysis form an integral part of the course. Prerequisite: Music 64. (Offered in 1982-1983 and in alternate years thereafter.)

**236. Music Theory.** Cr. 3. A study of 20th-century music techniques. Creative projects and analysis form an integral part of the course. Prerequisite: Music 64. (Offered in 1982-1983 and in alternate years thereafter.)

**271. Hymnology.** Cr. 2. A study of the Christian hymn from its earliest sources to the present day. Prerequisite: consent of the chairperson of the department. (Offered in 1981-1982 and in alternate years thereafter.)

**274. History of Church Music.** Cr. 2. A study of the development of church music from the earliest history of the Church in the Old Testament to the present, with special emphasis on the period from Luther to Bach. Prerequisite: consent of the chairperson of the department. (Offered in 1981-1982 and in alternate years thereafter.)

**308. Seminar in Music History.** Cr. 3. A study in depth of a specific period or problem in the history of music. Topics covered will change from semester to semester. This course may be repeated for credit. Prerequisites: Music 64 and 104 or the equivalent.

**310. Problems in Music Education.** Cr. 3. A concentrated study of specific areas of music education. Topics to be covered will change from semester to semester. This course may be repeated for credit if the topics are different. Prerequisite: consent of the chairperson of the department.

### PRIVATE INSTRUCTION.

One semester hour of credit provides one-half hour per week of private instruction and presumes at least three hours of practice per week for a period of one semester. Two semester hours of credit provides one-half hour per week of private instruction and presumes at least six hours of practice per week for a period of one semester. Three semester hours of credit provides forty-five minutes of private instruction per week and presumes at least nine hours of practice per week. Private instruction is supplemented by repertoire classes in the various media that meet one 50-minute class period per week.

**200.** Each sem. Cr. 1-2. Open to qualified graduate students who have good reason to include such study in their program. Prerequisite: approval of the chairperson of the department. Such approval is generally granted only to students that have the equivalent of an undergraduate major in music.

**300.** Each sem. Cr. 2-3. Open only to graduate students holding a Bachelor of Music degree with a major in the given instrument or having the equivalent level of performing ability. Admission by audition only and with the approval of the chairperson of the department.

Voice  
Piano and Jazz Piano  
Harp  
Harpsichord (by audition only)  
Organ (by audition only)  
Organ Improvisation  
(by audition only)  
Violin

Viola  
Violoncello  
Contrabass  
Classical Guitar  
Flute  
Oboe  
Clarinet  
Bassoon

Saxophone  
Trumpet  
French horn  
Trombone  
Baritone horn  
Tuba  
Percussion  
Electronic music

**Composition.** A program of study dealing creatively with the problems of musical form. Prerequisites: consent of the instructor and the chairperson of the department.

Instruction in one of the following ensembles for a period of one semester gives one semester hour of credit.

All ensemble courses are available for graduate credit on either the 200 or 300 level. Enrollment is limited to students who have specialized training and background to participate in the ensemble in some special capacity (such as assistant conductor, sectional leader, or project director) to be determined by the instructor of the ensemble and with approval of the chairperson of the department.

**250, 350. Choir.** Admission by audition only. This includes Concert Choir, Kantorei, Treble Choir, and Valparaiso University Show Revue. Also Choral Society, audition not required.

**252, 352. University Band.** Admission by audition only.

**254, 354. University Symphony Orchestra.** Admission by audition only.

**256, 356. Opera Workshop.** Admission by audition only.

**258, 358. Chamber Music.** Admission by approval of the chairperson of the department. This credit may be earned by participation in the Collegium Musicum.



## PHILOSOPHY

**290. Philosophical Topics.** Cr. 3. An examination of the works of one major philosopher, such as Kant or Wittgenstein; or of a single philosophical problem area such as scientific explanation or free action; or of a single philosophical approach such as Positivism or Pragmatism. This course may be taken more than once if the topics are different.

## PHYSICAL EDUCATION

**270. Movement and Learning.** Cr. 3. The study of the place of movement in the life of the child and ways in which various types of activity can affect the development of the child.

## POLITICAL SCIENCE

**255. Problems in State and Local Politics.** Cr. 3. A study in depth of important contemporary problems on the state or municipal levels in the United States. Given in cooperation with the Community Research Center. Prerequisite: Political Science 41 or consent of the chairperson of the department.

**256. Problems in American Politics.** Cr. 3. An intensive study of topics in the process, policies, and functions of the American political system (e.g., Political Parties). Prerequisite: Political Science 2 or consent of the chairperson of the department.

## PSYCHOLOGY

**242. Psychology of Childhood.** Cr. 3. Study of the maturational, cognitive and behavioral changes associated with the development of the child, with special attention to social relations. Prerequisite: 6 hours of psychology or consent of the instructor.

**243. Adolescent and Early Adulthood Development.** Cr. 3. Analysis of the biological, psychological, sociocultural and historical contributions to behavior changes during the adolescent and early adulthood years.

**252. Behavior Modification.** Cr. 3. The application of learning principles to the modification of human behavior. Discussions will include ethical issues and current research relating to behavior management techniques as utilized in self control, education, institutions, business, social, personal and family interventions. Prerequisite: 6 hours of psychology or consent of the chairperson of the department.

**253. The Exceptional Child.** Cr. 3. Analysis of the impact of various perceptual, cognitive and physical handicaps upon the child. Attention will also be given to the study of the gifted, creative child. Prerequisite: developmental psychology or educational psychology or consent of the instructor.

**256. Introduction to Counseling.** Cr. 3. A review of contemporary counseling theories and processes as they are applied to various problem areas.

**265. Special Topics in Psychology.** Cr. 1-3. Selected topics based on the special interest areas of students and faculty. These topics have included aging, sex differences, drugs and behavior, community psychology, and altered states of consciousness. Topics and descriptions will be announced in advance. Prerequisite: consent of instructor or chairperson of the department.

**300. Seminar in Psychology.** Cr. 3. The analysis, assessment, and discussion of current topics in psychology. This course may be taken more than once for credit if the topics are different. Prerequisite: 6 hours of psychology or consent of the chairperson of the department.

**301. Learning and Motivation.** Cr. 3. The study of the basic principles of learning and motivation with systematic treatment of major learning theorists.

**303. Cognitive Processes.** Cr. 3. Analysis of various cognitive processes, such as concept formation, reasoning, problem solving, creativity, and language. Prerequisite: 6 hours of psychology or educational psychology.

**310. Principles of Psychotherapy.** Cr. 3. Representative theoretical approaches to the process of personality change and to the techniques used in treating neurotic and psychopathic disturbances. Prerequisite: 3 hours of psychology at the graduate level.

**315. Problems in Personality Theory.** Cr. 3. Problems focus on relationships among central concepts in personality theory, including the self-concept, basic motives, emotional conflicts, mechanisms of adjustment, and personality integration. Prerequisite: 3 hours of psychology at the graduate level.

## **SOCIOLOGY**

**200. Social Structures.** Cr. 3. Courses which focus on social phenomena involving structured or organized relationships among individuals, groups, processes, and sets of beliefs or values. Topics may range from informal and unplanned relationships to intentionally developed large scale organizations, and may include social class, urban structure, occupations, sex roles, leisure and recreation, etc. Prerequisite: consent of the chairperson.

**210. Social Processes.** Cr. 3. Courses which focus on processes of social influence, differentiation, development, control, or change. Topics may include socialization, collective behavior, death and dying, etc. Prerequisite: consent of the chairperson.

**220. Social Institutions.** Cr. 3. Courses which focus on socially shared beliefs and practices developed to deal with major social needs. Possible topics include religion, medicine, education, etc. Prerequisite: consent of the chairperson.

**230. Criminology and Juvenile Delinquency.** Cr. 3. An examination of the definition and extent of crime and delinquency, the theories used to explain crime, and a brief analysis of societal responses to crime and juvenile delinquency.

**231. Deviance.** Cr. 3. An analysis of the definition and extent of deviance and an examination of theories of how people become deviants. Surveys the forms of deviation; crime, mental illness, drug or alcohol abuse, sexual deviation, etc.

**232. Probation and Parole.** Cr. 3. A critical analysis of probation and parole, and other community field services, with an emphasis upon current trends. Prerequisite: consent of the chairperson.

**233. Corrections.** Cr. 3. A critical examination of prisons, jails, and community correctional services, with an emphasis upon current trends and issues. Prerequisite: consent of the chairperson.

**234. Sociology of Law.** Cr. 3. The study of the relationships between law and society, including the nature and functions of law in society, the relationship between law and social change, and the relationship between the law and other social institutions. Prerequisite: consent of the chairperson.

**237. Law Enforcement.** Cr. 3. An examination of policing at the local, state, and federal levels, from historical and contemporary points of analysis, with emphasis upon the relationship between law enforcement and other criminal justice agencies. Prerequisite: consent of the chairperson.

**301. Seminar in the Family.** Cr. 3. Analysis of the development of current theory and the nature of contemporary research problems on the family. Prerequisite: consent of the chairperson.

**302. Seminar in Criminal Justice and Criminology.** Cr. 3. Critical review of current theory, practice, and research in criminology and penology, or criminal justice. Prerequisite: consent of the chairperson.

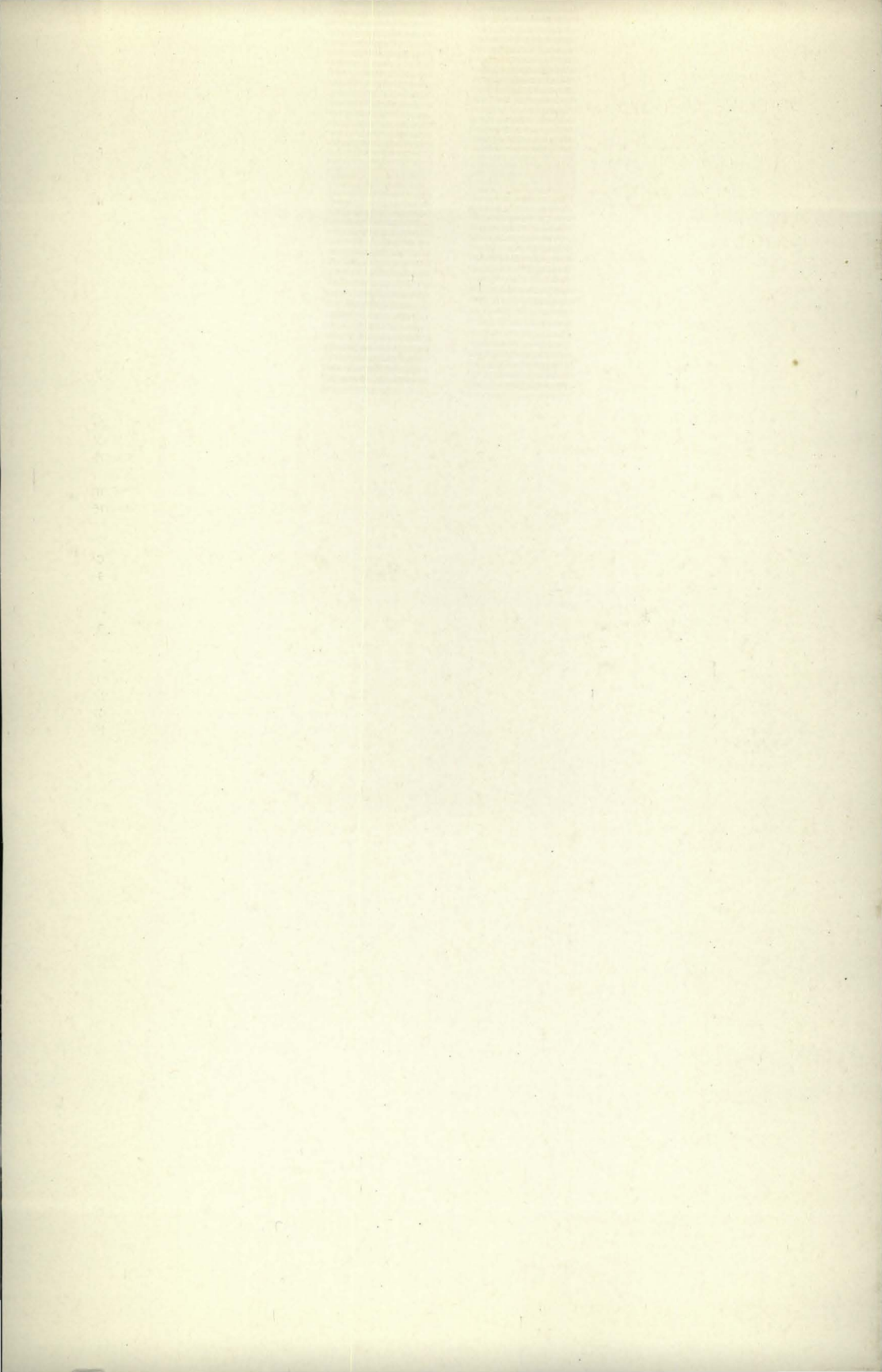
**310. Seminar in Sociology.** Cr. 3. An investigation of selected topics and problems in sociology from the standpoint of sociology theory and current research. This course may be taken more than once for credit if the topics are different. Prerequisite: consent of the chairperson.

## **SPEECH AND DRAMA**

- 236. Contemporary Theatre and Its Literature.** Cr. 3. A study of the aesthetic and literary aspects of drama beginning with Beckett.
- 237. The American Theatre and Its Literature.** Cr. 3. A survey of modern American drama from O'Neill through recent playwrights and the American musical theatre.

## **THEOLOGY**

- 238. Systematic Theology I.** Cr. 3. A study of the nature and task of systematic theology, emphasizing questions of prolegomena and method for theology in a secular context.
- 239. Systematic Theology II.** Cr. 3. Continuation of Religion 238 emphasizing the constructive task of contemporary systematic theology, and studying the structure and content of the Christian faith. Prerequisite: Religion 238 or consent of the chairperson of the department.
- 242. Christian Faith and Contemporary Politics.** Cr. 3. A study of how different Christian thinkers have understood the nature and function of government and the relation of the Christian faith to political action.
- 255. Principles and Forms of Worship.** Cr. 3. A study of the principles and language of worship with emphasis on the theology of worship, ritual, the role of tradition, and the relationship between worship and contemporary culture.
- 271. Theology and the Human Sciences.** Cr. 3. An investigation of areas of common interest in the fields of Christian theology and the social or personality sciences.
- 290. Supervised Reading and Research.** Cr. 1-3. An opportunity for students to read a number of significant works on a given topic in theology, or to do research on a topic which is not covered in any scheduled course offerings of the department and to write a major paper. Prerequisites: 12 semester hours in religion and consent of the chairperson of the department.



. . . a growing and maturing private University of academic excellence, operating within the Lutheran tradition, whose purpose is the development of an effective Christian personality that will leave its mark throughout society.