All inquiries regarding courses on the Undergraduate level should be directed to:
The Director of Admissions
DE PAUL UNIVERSITY
25 East Jackson Boulevard • Chicago, Illinois 60604 • WE 9-3525
COLLEGE OF COMMERCE

James A. Hart, Ph.D., J.D., Dean

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Administrative Assistant to the Dean

Curriculum

Departments
Programs
Courses
Faculty

Supporting Areas
Courses
Faculty
1971 / 1972 BULLETIN

De Paul University
Undergraduate
 Colleges and Schools

THE DE PAUL COLLEGE
COLLEGE OF COMMERCE
COLLEGE OF
LIBERAL ARTS AND SCIENCES
SCHOOL OF EDUCATION
SCHOOL OF MUSIC

Volume LXXIV April 22, 1971 Number 2

DE PAUL UNIVERSITY

Lincoln Park Campus
2323 North Seminary Avenue
Chicago, Illinois 60614

Lewis Center Campus
25 East Jackson Boulevard
Chicago, Illinois 60604

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Academic Calendar 1971-1972

**Autumn Quarter—1971-1972**

August 9-21  
Monday-Saturday. Mail Registration. Consult College Schedules for detailed instructions.

September 6  
Monday. Labor Day.
8-9  
Wednesday-Thursday. In Person Registration for Autumn Quarter.
13-17  
Monday-Friday. Orientation Program for all new day Students. Consult the Orientation Booklet for the daily schedule.
20  
Monday. Autumn Quarter Begins.
20-21  
Monday-Tuesday. Late Registration and change of courses.

October 8  
Friday. Final Date for filing for February Graduation. Final Date for filing for November Credit-by-Examination.
16  
Saturday. Last date to withdraw with automatic “W” grade.
18-23  
Monday-Saturday. Mid-term Examinations.

November 6  
Saturday. Last date to withdraw from class.
15-27  
Monday-Saturday. Mail Registration for Winter Quarter.
20  
Saturday. Administration of Credit-by-Examination.
25-28  
Thursday-Sunday. Thanksgiving Holidays.
29-Dec. 4  
Monday-Saturday. Final Examinations for Autumn Quarter.

December 4  
Saturday. Autumn Quarter Ends.

**Winter Quarter—1971-1972**

December 13-14  
Monday-Tuesday. In Person Registration for Winter Quarter.
3  
Monday. Winter Quarter Begins.
3  
Monday. Late Registration and change of courses.
5  
Wednesday. Orientation for all new day students.
29  
Saturday. Last date to withdraw with automatic “W” grade.
31-Feb. 5  
Monday-Saturday. Mid-term Examinations.

February 6  
Sunday. Mid-year Convocation.
14-23  
Monday-Wednesday. Mail Registration for Spring Quarter.
19  
Saturday. Last Date to withdraw from class.
25  
Friday. Final Date for filing for June Graduation.

March 2-3  
Thursday-Friday. In Person Registration for Spring Quarter.
6-11  
Monday-Saturday. Final Examinations for Winter Quarter.
10  
Friday. Last date to apply for Spring Quarter Credit-by-Exam.
11  
Saturday. Winter Quarter Ends.

**Spring Quarter—1971-1972**

March 2-3  
Thursday-Friday. In Person Registration for Spring Quarter.
20  
Monday. Spring Quarter Begins.
20  
Monday. Late Registration and change of courses.
22  
Wednesday. Orientation for all new day students.
30  
Thursday. Easter Holidays begin after last class.

April 3  
Monday. Classes Resume.
15  
Saturday. Last date to withdraw with automatic “W” grade.
17-22  
Monday-Saturday. Mid-term Examinations.
22  
Saturday. Administration of Credit-by-Examination.

May 6  
Saturday. Last date to withdraw from class.
22  
Monday. Final Examinations for Double Period Monday Classes.
26-June 3  
Friday-Saturday. Final Examinations for Spring Quarter.
29  
Monday. Memorial Day — No Classes.

June 3  
Saturday. Spring Quarter Ends.
11  
Sunday. Convocation
AN INTRODUCTION TO DE PAUL UNIVERSITY

The President’s Page
The Aims and Purposes of De Paul
Undergraduate Education at De Paul
It is my privilege to introduce you to De Paul University and to give you a notion of life in our community. Perhaps you have heard a University described as a collection of colleges, each of which provides for teaching, research, and degrees in special areas. Our seven colleges, to some extent, fall within such a description.

Yet, when I reflect on this, I recognize that at De Paul University such a structure is not what one sees or feels. It is not the colleges that I see, but a multitude of persons of all ages, races, creeds and colors. It is the persons who predominate and are impressive, not merely as individuals or as aggregations of individuals, but as persons who have come to know the importance of dialogue. As I walk through the corridors, dining and recreation rooms, I see groups of young men and women engaged in conversation—sometimes argumentative, sometimes jovial. At other times of the day, when the corridors are empty, one can hear discussion from within the classroom or laboratory or in an open forum. It is then one gets a deeper sense of what the University is all about. It is then one feels a sense of close personal association and excitement which is a far cry from simply a collection of persons.

When I reflect on the University from this dimension, the common purpose of faculty and students to learn with each other becomes more apparent. I think that you, too, can put yourself in this position—of taking a portion of your life to concentrate and involve yourself in the exciting enterprise of higher learning. It is a very special commitment that faculty and students make in order to participate in the great dialogue on human society, shedding light on the past and seeking paths for the future. It is in this dialogue between persons—be they seasoned and called faculty or beginners and called students—that the University really exists.

All this says nothing to you of the rich and varied cultural opportunities and social events within the University and within the extension of its campus, the great metropolis of Chicago. Nor does it tell what words are unable to relate—the picture of men and women, faculty and students alike, some seated, some kneeling, taking time to steal away from the bubbling cauldron of University life to pause and reflect and perhaps to utter a prayer for assistance in their search for the wisdom to best serve themselves and their fellow man.

De Paul is an exciting academic community for those who love excitement and learning, for learning can be exciting. We invite you to be with us if you love excitement and learning.
The PURPOSE of De Paul

De Paul University is founded on Judaic-Christian principles and continues to assert the contemporaneous relevance of these principles to higher education and the modern world. The University will express these principles especially by passing on the heritage of St. Vincent de Paul, which has as its purpose the perfection of the individual person through purposeful involvement with other persons, communities, and institutions.

The faculty, students, and administrators are mutually committed to the examination of truth for its intrinsic value, for the meaningful direction it provides for the person, and for its force in the continuum of civilization.

The AIMS of De Paul

To acquire, disseminate and advance knowledge; to develop scholarly habits of mind; to foster greater understanding of the interrelationships of knowledge.

To pursue learning that provides for a moral and aesthetic life, for a dedication to the service of other persons, and for responsible involvement in various communities and other institutions.

To engage in liberal and professional studies, and through cooperation with other agencies and persons to marshal its resources so as to assist persons and the community in the life-long educational endeavors that are in harmony with the purpose and dignity of human living.

Non-discriminatory Policy

"The first charter of De Paul University included a statement of non-discrimination. This policy enunciated approximately seventy-five years ago has been enforced vigorously over the years. Students, faculty, and the public are entitled to equal treatment regardless of race, sex, creed, or color."

8
UNDERGRADUATE
EDUCATION AT DE PAUL

THIS IS DE PAUL

De Paul is an urban university, one of the ten largest Catholic universities in the world. Since its founding in 1898 by the Vincentian Fathers, the development of De Paul has paralleled the dynamic growth of the city of Chicago. Today the University boasts an alumni of over thirty-thousand and a student body of nearly ten thousand, as diverse in academic interest as they are in national origin and creed.

In the University's seven graduate and undergraduate colleges and schools, the De Paul student enjoys advantages found in both small and large academic institutions. Within the specific college or school, the student comes to know well his professors, administrators, and fellow students. As professors teach at all levels, the undergraduate has the advantage of instruction by the same professors who direct research and teach at the graduate level. Students have the advantage of University-wide libraries and laboratories as well as the stimulating intellectual atmosphere created by the diverse interests of a large student body.
As members of a University in an urban community, De Paul students enjoy incomparable cultural advantages and the vast academic resources of the city. In addition, students may make use of the practical and broad resources of the modern work-a-day metropolis.

UNDERGRADUATE PROGRAMS—A GENERAL VIEW

At De Paul students may pursue undergraduate degree programs on either of two campuses: Lincoln Park or Lewis Center. Regular Students of any School or College may register for classes on either campus, arranging hours and courses in a manner designed to afford maximum educational advantage.

The Lincoln Park Campus is situated about three miles north of the Chicago Loop in the vicinity of Fullerton (2400 N) and Sheffield (1000 W). On this campus The De Paul College, The College of Liberal Arts and Sciences, and The School of Education offer daytime programs leading to these undergraduate degrees:
- Bachelor of Arts
- Bachelor of Science
- Bachelor of Science in Education
- Bachelor of Science in Nursing
- Bachelor of Science in Medical Technology

The Lewis Center Campus is located in the Chicago Loop at 25 East Jackson Boulevard, on the corner of Jackson and Wabash. On this campus The De Paul College, The College of Commerce, The School of Music, and The School of Education offer programs leading to these degrees:
- Bachelor of Arts (Evening)
- Bachelor of Music (Day)
- Bachelor of Science in Commerce (Day and Evening)
- Bachelor of Science in Education (Evening)
  (Business Education—Day and Evening)

The first two years of the Bachelor of Arts program may be taken in the Lewis Center Day division of the College of Liberal Arts. Students choosing this option complete their junior and senior work on the Lincoln Park campus.
COURSES AND CREDIT

The University uses the quarter system. There are three quarters during the regular school year followed by a summer term. Students who desire to accelerate or enrich their college program may elect to attend the summer term. Most courses carry four quarter hours credit. Four courses or sixteen hours per quarter constitute the normal class load. A total of 180 quarter hours credit is the minimum necessary for graduation. A typical baccalaureate degree program has the following pattern:

<table>
<thead>
<tr>
<th>QUARTER HOURS</th>
<th>TYPE OF COURSE WORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>General Education</td>
</tr>
<tr>
<td>48 - 58</td>
<td>Specialized Education in the Major Field</td>
</tr>
<tr>
<td>50 - 60</td>
<td>Specialized Education in Allied Fields and Electives</td>
</tr>
<tr>
<td>180</td>
<td>Minimum Total</td>
</tr>
</tbody>
</table>

General Education—All undergraduate students enroll in a common 72 hours of General Education courses offered by The De Paul College. Students seeking degrees in Liberal Arts, Science, Education and Nursing register as students in The De Paul College for their freshman and sophomore years. Students entering The College of Commerce and The School of Music register through these Colleges for their De Paul College General Education courses.

Specialized Education—Programs in specialized study are determined by the individual student's area of major interest. The programs are offered through the College of Liberal Arts and Sciences, the College of Commerce, the School of Education, and the School of Music. Details of the course offerings in each major area of concentration appear in the various college sections of this bulletin.

Specialized Education: Allied Fields and Electives—In each major area of concentration certain related studies are recognized for their value to the specialist. Courses in these supporting or Allied Fields are selected with the assistance of the faculty adviser. Other areas of study with less significance for all specialists, but of great interest to a particular student, are classified as electives. In these areas the student may choose to enroll in courses offered by any College or School in the University.

GUIDANCE AND COUNSELING

Because curricular patterns, personal choices, prerequisites, etc., differ with each student, programs vary considerably. Counselors working with each student seek to insure maximum educational impact, articulation with past study, and personal development.

Students who have decided upon an area of concentration begin course work in their specialty immediately upon being accepted at De Paul. Their course selection is under the guidance of faculty from that subject area. These students also immediately begin work in General Education under guidance of University counselors.

Students who have not decided upon an area of concentration also begin studies in General Education. With the assistance of University counselors, programs of study are developed to suit their individual needs and aid them in selecting an area of concentration.
SAMPLE PROGRAMS

In general, the program of a four year day student would follow this pattern:

<table>
<thead>
<tr>
<th>GENERAL EDUCATION</th>
<th>SPECIALIZED EDUCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 De Paul College Courses</td>
<td>Allied Field and Electives — 27 Courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1st Year</th>
<th>General Education</th>
<th>Major Field</th>
<th>Allied Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 courses</td>
<td>3 courses</td>
<td>3 courses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2nd Year</th>
<th>General Education</th>
<th>Major Field</th>
<th>Allied Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 courses</td>
<td>3 courses</td>
<td>3 courses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>3rd Year</th>
<th>General Education</th>
<th>Major Field</th>
<th>Allied Fields</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-6 courses</td>
<td>3 courses</td>
<td>3 courses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>4th Year</th>
<th>General Education</th>
<th>Major Field</th>
<th>Allied Fields and/or Electives</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2 courses</td>
<td>3 courses</td>
<td>6 courses</td>
<td></td>
</tr>
</tbody>
</table>

A SAMPLE FRESHMAN PROGRAM

<table>
<thead>
<tr>
<th>Autumn</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
</table>

Humanities or Behavioral-Social Science

<table>
<thead>
<tr>
<th>Philosophy and Religion or Natural Science</th>
</tr>
</thead>
</table>

Specialized Education

<table>
<thead>
<tr>
<th>Allied Field, Mathematics or Language</th>
</tr>
</thead>
</table>

COLLEGE AND SCHOOL PROGRAMS

On the following pages, each College and School explains the programs and courses offered under its auspices. Each student should examine the requirements of The De Paul College which determines the General Education program for every University student. The programs in the other Colleges and Schools should be studied in accordance with the areas of special interest of the individual student.
THE DEPAUL COLLEGE

Martin J. Lowery, Ph.D., Dean

Stephen E. Fecske, M.A.,
Administrative Assistant to the Dean

John V. Amato, B.A.,
Administrative Assistant to the Dean

Curriculum

Divisions

Hugo N. Amico, O.S.B., J.C.D., S.T.D.,
Philosophy and Religion

Patricia A. Ewers, Ph.D.,
Humanities

William R. Waters, Ph.D.,
Behavioral-Social Sciences

Avrom A. Blumberg, Ph.D.,
Natural Sciences and Mathematics
The De Paul College

The De Paul College provides a common program in general education for all undergraduate students.

General education originates with and relies upon the student's vision of life. De Paul College seeks to integrate and develop that vision with incisive knowledge of self, the creative works of man and his religious, philosophical, social, and natural environment. In our dynamic yet disjunctive world, a life vision founded in such knowledge is the call and challenge to years of expanding intellectual and humanizing activity. The De Paul College welcomes the student—his visions, his concerns—into a community of men who will share with him a scholarly approach to man's involvement with life—yesterday, today, and tomorrow. This community, professors and students, is drawn together to explore and deepen the diverse dimensions of the vision. It examines man in his totality and searches out the means by which, in continuing self-education, each can best fulfill his destiny.

The De Paul College seeks to enable the student to conceive broadly the problems of his time, to develop the skills and methods with which to organize and analyze those problems, and to engender in him the zest to delight in the quest for their solution. Through trenchant, integrated, intellectual inquiries the College seeks to develop the probing mind—a mind which will not be content with conventional answers. Viewing knowledge as a mode of inquiry rather than a body of fact, the College seeks an intensive development of the student's intellectual abilities in analysis, synthesis, and evaluation. Through this approach it expects the student to assume responsibility for his continued self-education in the search for wisdom. General education in The De Paul College, then, is principally concerned with how one knows, and expects that each student will come to have a high consciousness of why he knows and what processes underlie his method of knowing.

THE CURRICULUM

The College is organized into four Divisions or domains of knowledge:

I. Philosophy and Religion
II. Humanities
III. Behavioral-Social Sciences
IV. Natural Sciences and Mathematics

Each division develops programs which reflect the knowledge and modes of knowing of the disciplines which comprise it. Further, the divisions seek to integrate the various fields of study in order to confront the student with similarities, differences and interrelationships in various fields of knowledge. By means of individual courses and sequence courses, through discussion, lecture and research the student confronts the nature of knowledge in the context of its relationship and importance to man.

The programs are not preparatory to specialized education. They are designed to be a parallel to specialized programs; together general and specialized education represent a common effort to achieve the liberally educated man. General education, therefore, is not concentrated wholly in the beginning years, but is a continuing part of the student's undergraduate program.
General Education comprises seventy-two of the one hundred and eighty hours required for baccalaureate degrees. A minimum of four courses are required in the Philosophy-Religion, Humanities, and Behavioral-Social Science divisions; three courses are required in the Division of Natural Science and Mathematics. Students must elect their remaining requirements from the divisions of De Paul College. Courses offered through other Colleges and Schools of the University may not be substituted for divisional general education courses.

The varying academic backgrounds, experience, abilities and degrees of maturity of each student are considered in establishing individual programs of study.

THE DE PAUL COLLEGE WRITING PROGRAM

The De Paul College Writing Program is a structured effort to insure the development of the student's writing skills within a content framework. By means of constant demands upon the student throughout his four undergraduate years, the program seeks to intensify the thrust toward good writing formerly sought in standard composition courses. While credit is not given, because good writing is expected of each student, the College considers the demands of this program to be greater than those of the basic composition courses in most curricula.

Specifically in the program the student's written assignments are examined in the areas of grammar, mechanics, punctuation, diction, and sentence structure by qualified reader/correctors before being forwarded to instructors for final grading. By means of such initial readings and corrections, students are provided with a series of papers in which they can observe the development of their writing skills within the context of their integrated learning.

The De Paul College Writing Program also offers intensive tutorial services and weekly laboratory sessions for those students judged by their instructors or reader/correctors to have serious writing limitations.
Division of Philosophy and Religion

Behind and beyond the problems of day-to-day existence lurk intriguing questions such as: Who am I? Where did I come from? How do I relate to others? Can I know anything? What can I know? How can I know? What lies beyond the world of my experience, beyond what I see or feel? Where am I going? What is my destiny beyond my present self? Men have always asked such primary questions as these and have sought answers as best they could in the circumstances, environment, knowledge and cultural forces of their lives.

The Philosophy and Religion Division recognizes that in his own life the student has or will formulate questions such as these for himself. In its concern for the expanding consciousness of the student, the Division offers him intellectual experiences and processes, selected from diverse thinkers, which will aid him in thinking through and reflecting upon such questions.

The concern of the Division is for fundamental human questions, a common project of thinking and reflecting by faculty and students. In this concern it reflects the purpose of the University to help perfect and give direction to the individual person. Dialogue, but not exclusively, is the means and stimulus for reflecting and thinking.

The fundamental questions are posed within the diverse traditions of many cultures and civilizations. As the University community is pluralistic in its faculty and student body, a variety of religious commitments and philosophical postures is welcomed and encouraged. The postures are, among others, metaphysical, analytical, dialectical, phenomenological, epistemological and existential. Some religious commitments are Jewish, Lutheran, Presbyterian and Roman Catholic. As divergent religious commitments are present, the thought and expectations held out by the agnostic and atheist are also considered. An objective of the Division is to develop in the student a comparative perspective, so that through contact with a broad and sometimes conflicting spectrum of philosophical thought and religious commitment he will deal more surely and expertly with fundamental questions.

Since philosophers and theologians have concerned themselves with the same primary and ultimate questions, the curriculum is interdisciplinary, drawing interrelated materials from both types of thinkers. By reason of this unity, the student is confronted concurrently with the differing methodologies or procedures of the philosopher and theologian. An objective of the Division is to allow the student to achieve the ability to perceive what is distinctive and proper to each discipline as well as to understand levels of interrelatedness.

REQUIREMENTS

The student is required to complete four divisional courses chosen from the offerings 151-157. All courses may be taken for credit by examination. No one course is prerequisite to another. Course #153, “The Meaning and Methods of Knowledge” is highly recommended, especially for beginners in the Philosophy and Religion Division.

COURSES — All courses carry four credit hours.

- 151 REFLECTIONS ON GOD. Study of the existence of God, properly the object of man’s reason as well as his religious faith.

- 152 REFLECTIONS ON MAN. Analysis of various dimensions of human existence.

- 153 MEANING AND METHODS OF KNOWLEDGE. A study of the various meanings and methods of knowledge that have engaged men at one time or another.

- 154 REFLECTIONS ON MORALITY. A study of the various systems of morality.

- 155 MAN IN SOCIETY. Analysis of the meaning of community.

- 156 MAN IN PROCESS. A critical consideration of the dialectic of man’s view of the historical dimensions of his reality.

- 157 ORIENTAL RELIGION. The study of Oriental Philosophy, Religion and Mysticism and its relevance to our Western culture.
Program in Humanities

We are witnessing today the birth of a new humanism: "a more universal form of human culture...one which will promote and express the unity of the human race to the degree that it preserves all the treasures of the world's different cultures."

Against this background of a new age in human history, the program of the Humanities Division is designed to probe into the uniqueness of man as he strives historically and artistically to come to the fullness of his humanity. The program can best be understood if viewed as a beginning rather than an end. Growth in the ability to wonder at, to judge critically, to interrelate, and to create personally, requires a personal commitment of considerable time and effort.

Growth, however, is also an unique process, and the recognition of the student's individual interests, talents, and background is an integral part of the Humanities Division. It is this awareness that has led to an extremely flexible program which allows the student to choose courses at his level of competence and in the form that most stimulates him. Individual counseling and the availability to students of course descriptions will aid in making these choices.

At present the departments primarily engaged in the Humanities Program include Art, English, Foreign Languages, History, Speech, and the School of Music.

Courses in the Humanities Program are available on two levels. On the introductory and perceptual level the emphasis is on the basic modes of perception, thought and critical judgment peculiar to the particular discipline. These courses are intended for students who have had little or no previous exposure. Students may take all four courses on this level, if needed.

Courses on the experiential level demand a higher level of competence. The emphasis is often interdisciplinary in nature and allows the student both to discriminate and integrate his experience. This level also includes work in creative areas which give the student the opportunity to create works of art or to produce works based on historical research.

REQUIREMENTS

The Humanities Program requires the student to have experience in the four major areas (Art, Music, Literature-Theater, and History). The level on which the courses are taken and the specific courses to be taken are at the option of the student.

COURSES — All carry four quarter hours of credit.

INTRODUCTORY LEVEL

110 THE VISUAL ARTS. Development of visual perception through a variety of art experiences.
120 THE LITERARY AND DRAMATIC ARTS. Explorations into the forms and themes of creative literature.
130 MUSIC: SOUND, FORM, AND FUNCTION. Examination of the art of music as a means of communication.
140 HISTORICAL CONCEPTS AND METHODS. Explorations into the nature and purposes of history.

EXPERIENTIAL LEVEL

300 ART FORMS OF THE WESTERN WORLD. Formal and stylistic development of Western art.
301 ART FORMS OF THE NON-WESTERN WORLD. Examination of non-Western art and its influence on modern Western art.
302 MODERN ART IN REVOLUTION. Investigation into the sources and nature of 20th Century art.
303 CHANGING CONCEPTS OF MAN IN ART. Analysis of effects of change in society upon the idea of man in art.
304 SOCIAL CRITICISM IN ART. Explorations into the relationship between the artist and the society of which he is a part.
305 BLACK EXPERIENCE IN ART. A survey of the Black man's ideas and expressions in the visual arts.
306 ART, SOCIETY, AND URBANIZATION. Study of the relationship between the artist and his urban community.
315 GOD AND MAN IN CONTEMPORARY LITERATURE. Study of theological themes as found in contemporary literature.
316 SOCIAL CRITICISM IN LITERATURE. Explorations into the relationship between the writer and his society.
Literature and the Ideal Society. The social sources and nature of Utopian literature.

Ethnic Literature. Analysis of the principal ethnic writings of modern America.

Man in Black Literature. Survey of the Black man's ideas and expressions in the literary arts.

Mythology and the Dramatic Arts. Major Greek and Roman myths and their treatment by dramatists.

Perspectives in Literature. Social, psychological, and archetypal approaches to literature.

Man in European Literature. Literary analysis of selected Italian, French, German, and Russian masterpieces in translation.

Art, Architecture, and Literature. Examination of Medieval and early Renaissance themes in religious and secular art and literature.

Pleasures and Problems in American Literature: Fact and Fiction. Introduction to major themes in American culture and intellectual development.


Music in the Western World. Examination of correlations between the history of music and literature.


The Art of the Performer. The dynamic relationship between the performer and the musical composition.

Man and Ideas in History. Examination of ideas which have influenced the history of Western civilization.

Literature of History. Study of landmark works in the development of historical writing and intellectual history.

Man in the Non-Western World. Analysis of the social, political, and religious forms of life in non-Western societies.

World of the Cinema. Critical analysis of cinematic development.

Contemporary Cinema. Films of innovation in relation to the heritage of the cinema.

World of the Theatre. Study of the origins and development of the theatre as a dynamic institution.

Exploring Contemporary Art Styles. Studio experience with the materials and techniques of contemporary art.


Three Dimensional Structures. Studio investigation into design of three dimensional forms.

The Art of Written Discourse. Analytical and practical experience in prose writing.

Writing for Experimental Theatre. Introduction to the elements involved in writing for the "new theatre."

Creative Interpretation and Criticism. Study of and experimentation with contemporary forms of interpretative reading.

Interpersonal Communication. Examination of the nature of oral communication and its social and personal impact.
Division of
Behavioral-Social Sciences

The Behavioral-Social Sciences explain how man affects society and how social institutions, such as churches and government, affect man. Behavioral scientists describe man as a decision-maker in his family, community and nation, as an organizer and exploiter of social power, and as an originator of change in society. They also explain why some individuals and minority groups are alienated from the mainstream of social life. As psychologists, sociologists, economists, political scientists, geographers, educationalists, and business and legal scholars they interpret all aspects of the social behavior of man.

The aim of the Division of Behavioral-Social Sciences is to improve the student's ability to examine his society critically and constructively and to develop the art of decision-making applied to communal and social problems. To accomplish this, conditions must exist where the student can engage in discussion with mature instructors and other students and where careful attention can be given to his oral and written presentations. It is believed that if the student is introduced to society in its totality with emphasis upon the complexity of the interrelationships of human psychological processes, physical environment, culture, social stratification, the polity, the economy, law, business, and communications, he will henceforth avoid the common tendency to deal with major social problems simplistically.

The Divisional faculty is drawn primarily from the departments of economics, geography, political science, psychology, sociology, and the Colleges of Education and Law.

REQUIREMENTS

The student is required to complete at least four divisional courses of which one must be a 300 level course. He is strongly advised to choose from two sequences: (a) BSS 101, selection of two courses from BSS 111-199, and a colloquium or (b) three courses from BSS 102-107 and a colloquium. BSS 100 is an especially valuable complement to the BSS 102-107 sequence.
COURSES — All courses carry four hours credit.

Courses numbered 100-106 are interdisciplinary studies of the nature of society and the methodology of social and behavioral science.

100 REASON AND UNREASON IN SCIENCE. The nature, method, strengths and limitations of science.

101 MAN AND MEN: AN INTRODUCTION TO SOCIETY. Viewed by the sociologist, anthropologist, economist, political scientist, psychologist and geographer.

BSS 102-107 present principles for use in social criticism and decision-making. Sections are offered concurrently to permit interaction of professors and students.

102 PROBLEM SOLVING IN SOCIETY: ANTHROPOLOGY.

103 PROBLEM SOLVING IN SOCIETY: ECONOMICS.

104 PROBLEM SOLVING IN SOCIETY: SOCIOLOGY.

105 PROBLEM SOLVING IN SOCIETY: POLITICAL SCIENCE.

106 PROBLEM SOLVING IN SOCIETY: GEOGRAPHY.

107 PROBLEM SOLVING IN SOCIETY: PSYCHOLOGY.

Second level courses numbered 111-199 are studies of major segments of human social behavior or of important social scientists.

111 HUMAN PSYCHOLOGICAL PROCESSES. Function and processes involved in perceiving, learning, remembering, thinking, emoting and willing.

112 MAN IN HIS COMMUNITY. Self-awareness as a participant in a community.

113 THE ECONOMY AND SOCIETY. The functions of an economic organization in society and the problems related.

114 POLITICAL STUDIES. Classic issues of politics and basic political institutions.

115 HUMAN GEOGRAPHY OF THE NON-WESTERN WORLD. Man's relation to the land especially in Africa and Asia.

117 LAW AND SOCIETY. The purpose of law and the question of whether it is being fulfilled.

118 THE CORPORATION IN SOCIETY. Influence of large organizations, profit and non-profit, upon man in society.

119 TECHNOLOGY AND CULTURE. Effect of technology and industrialization upon the human condition.

120 CHICAGO’S ENVIRONMENTAL PROBLEMS. A large city's problems of physical environment including pollution, transportation, renewal.

121 MAN, SOCIETY AND EDUCATION. Influence and impact of education and educational institutions upon man.

151 GREAT SOCIAL SCIENTISTS: COMPARISON OF MARX AND FREUD.

Courses numbered 190-199 are explorations in the study of the behavioral and social sciences. Professors are encouraged to seek new directions in college instruction.

196 EXPLORATIONS, BUSINESS AND THE COMMUNITY. The importance of business and the friction of business and the community.

197 EXPLORATIONS: DECISION-MAKING IN INTERNATIONAL AFFAIRS. Analysis of a contemporary world problem. A cooperative study with the Chicago Council on Foreign Relations. Some expense in addition to tuition for required trip to Washington.

199 EXPLORATIONS: POLICE AND THE COMMUNITY. Study of the friction between the two.

Courses at the 300 level are research inquiries into important contemporary social problems. The object is not only to suggest possible solutions to significant problems but to afford the student the opportunity to synthesize the tools developed in the prior courses.

301 COLLOQUIUM: PROBLEMS OF SOUTHEAST ASIA.

302 COLLOQUIUM: AMERICA’S INTERESTS IN THE FAR EAST. Contact of Western man with the cultures and economic organizations of the Far East.
303 COLLOQUIUM: PROBLEMS OF AMERICAN DEMOCRACY.
304 COLLOQUIUM: POLITICAL BEHAVIOR. Social and economic influences on voting.
305 COLLOQUIUM: WORLD POVERTY AND ECONOMIC DEVELOPMENT. Inquiry into the moral responsibility of the affluent to the condition of dire poverty of two thirds of the world's people.
306 COLLOQUIUM: MAN IN HIS URBAN ENVIRONMENT.
307 COLLOQUIUM: POPULATION PROBLEMS OF SELECTED REGIONS. The particular region depends on the area of specialization of the instructor.
308 COLLOQUIUM: GEOPOLITICAL PROBLEMS OF SELECTED AREAS. Analyzes problems and prospects of critical regions in world affairs; regions selected depend upon the specialization of the instructor.
309 COLLOQUIUM: ECONOMICS OF EDUCATIONAL FREEDOM. Sources and allocation of funds for education. Education, free or a monopoly?
310 COLLOQUIUM: COMMUNITY POWER AND STRUCTURE.
311 COLLOQUIUM: UNIVERSITY IN MODERN SOCIETY.
312 COLLOQUIUM: BLACK ECONOMIC DEVELOPMENT.
313 COLLOQUIUM: PERSONALITIES OF WORLD LEADERS.
314 COLLOQUIUM: SOCIAL JUSTICE. Social science, social problems and morality.
315 COLLOQUIUM: SOCIAL PROBLEMS OF MASS COMMUNICATION. Interplay between communications media and their environment—how media operate and why they operate the way they do.
316 COLLOQUIUM: HEALTH PROBLEMS AMONG THE POOR. Values and practices that foster and hinder optimum health among deprived persons.
317 COLLOQUIUM: AFRICAN INFLUENCES IN SOUTH AMERICA. Imports from Africa of culture, art and music of South America.
318 COLLOQUIUM: PROBLEMS OF REGIONAL PLANNING.
319 COLLOQUIUM: PROBLEM OF THE MIDDLE EAST.
320 COLLOQUIUM: THE IBERIAN IMPACT: THE INFLUENCE OF SPAIN AND PORTUGAL IN THE MODERN WORLD.
321 COLLOQUIUM: THE AFRICAN EXPERIENCE. An interdisciplinary look at contemporary Africa with special emphasis on Nigeria.
322 COLLOQUIUM: SOCIAL INVENTION.
323 COLLOQUIUM: CITY AND ITS POLITICS. A general examination of politics in the American cities with reference to the problems faced by the metropolitan areas.
324 COLLOQUIUM: WORLD ORDER AND LAW. Study of legal and political problems of world order.
325 COLLOQUIUM: PROBLEMS OF MODERN TRANSPORTATION.
Division of 
Natural Sciences and Mathematics

The Natural Sciences and Mathematics are essential to general education. These disciplines have had, and continue to play central roles in our culture. Science is one means we have of describing our universe. It is our principal tool of knowing what we do about physical reality, the form and function of nature.

Mathematics is a necessary tool in scientific investigations. It is a language which enables the scientist to handle ideas often too complex for his ordinary vocabulary. But mathematics is more than this; it is the paradigm of logical reasoning. Where science discovers the design of the universe, mathematics studies design itself.

Mathematics and science are among the great intellectual and esthetic accomplishments of man. However, there is another compelling reason for their study in general education. There is close cooperation between science and technology—how we describe, and how we control nature.

Even the most casual observer today cannot avoid the scientific and technological character of our times. We take comfort in our high standard of living, but are concerned over pollution of air and water. Utilizing nuclear power, we are anxious about nuclear weapons. Taking pride in man's walking on the moon, we worry about offensive and defensive missile systems. Conquering infectious diseases, we are horrified about chemical and biological warfare agents. Rejoicing in lower infant mortalities, we fear overpopulation and undernourishment. Using pesticides to control harmful insects, we find an accumulation of these poisons in fish, birds, and even in man. It is evident, for good and ill, ours is a technical age.

The successes and problems of a technical society in part arise from a high degree of specialization, with a widening gap between the specialist and the general citizen.

The program in this division is designed especially for the nonscientist, for it is he who must live and contend with the problems of our scientific and technological progress. Broad goals include introducing the student to the scientific method, pointing out its power and its limitations, acquainting him with some of the major scientific achievements, and emphasizing the process how we learn what we know, rather than storing facts.

The basic 100 level courses, developed by the departments of the Biological Sciences, Chemistry, Mathematics and Physics, use the tools of these disciplines to examine the universe, and to provide experiences in scientific and mathematical discovery.

The 300 level courses are problem-oriented, and may include such multi-disciplinary topics as automation, energy and food resources, evolution and genetic manipulation, modern warfare, overpopulation, pollution, and technology in a democratic society.

REQUIREMENTS

The student is required to complete three divisional offerings, at least one of which must be a 300 level course. If he should select two 100 level courses, these must relate to different disciplines. In addition to this basic program, he may register for any other divisional courses as electives to complete the De Paul College requirements.
COURSES — All courses carry four quarter hours of credit.

100 REASON AND UNREASON IN SCIENCE. The nature and methodology of science, its scope and limitations.

101 THE ATOMIC AND NUCLEAR UNIVERSE. Discussion of experiments and concepts concerning the atom and its nucleus.

102 CHEMISTRY. Theories and techniques; their exploitation for investigating and describing nature, and for modifying our circumstances.

103 SELECTED TOPICS IN THE LIFE SCIENCES. Special topics such as ecology, genetics and race, or principles of living organisms and systems.

104 THE ASTRONOMICAL UNIVERSE. Descriptive physical astronomy including the solar system and stellar astronomy.

107 EVOLUTION OF MATHEMATICS. Cultural approaches to, and historical perspectives of mathematics.

109 EXPLORATIONS IN MATHEMATICS. Creative or experiential approaches to mathematics.

113 THE CONCEPTS AND STRUCTURE OF MODERN PHYSICS. The development and interrelations of modern physical theories.

301 THE ATMOSPHERE AND THE OCEANS. Related motions of sea and air; oceanography, ecology and pollution; political and economic implications. (Lab—optional)

302 NUCLEAR ENERGY AND/OR SOCIETY. The benefits and risks of utilizing the atomic nucleus. (Lab—optional)

303 PROBLEMS IN A TECHNOLOGICAL SOCIETY. (Formerly NSM 105) Detailed discussions of one or two current problems, such as: modern warfare and disarmament; pollution; population and resources.

304 MAN AND SYSTEMS: THE NEW WORLD OF CYBERNETICS. Concepts, and applications to ecology, learning, automation, the economy and technological change.
THE COLLEGE OF COMMERCE

The College of Commerce, as a member of the select American Association of Collegiate Schools of Business, recognizes that the practice of business is a profession. In the College curriculum the student is presented with the information necessary to acquire a firm grasp of the fundamental principles of business administration. He is also provided with the opportunity to choose a major area of concentration in which to develop deeper professional competence. The entire curriculum is designed to produce graduates with professional capacity and character, qualifying them for the eventual assumption of responsible roles as members of society and leaders of business activity.

CURRICULUM

The College of Commerce offers the degree Bachelor of Science in Commerce in its undergraduate programs. Fields of specialization are offered in the Departments of Accountancy, Economics, Finance, Management, and Marketing. The College offers allied course work in the areas of Business Law and Mathematics—Statistics to support the studies in the areas of specialization. The department of Military Science offers courses through the College. A program in Economics leading to the Bachelor of Arts degree is offered in conjunction with the College of Liberal Arts and Sciences.

GUIDANCE AND INFORMATION

During the freshman and early sophomore years the student in the College is advised in his program by the Administrative Assistant to the Dean. During the sophomore year the student declares his area of specialization. At that time, the counseling of the student is assumed by the Chairman of the Department of his specialization.

SPECIAL PROGRAMS

General Business

An interdepartmental program leading to the degree Bachelor of Science in Commerce is offered by the College. Details of the program are described under the department heading, General Business.

Commerce-Law Curriculum

Two programs for law are offered. In the first a degree seeking student in the College of Commerce may pursue a program of study which leads to two degrees, the Bachelor of Science in Commerce, awarded by the College of Commerce and the degree Juris Doctor (J.D.) awarded by the College of Law.

Successful completion of a minimum of 144 hours in the College of Commerce satisfies the Commerce component of the B.S.C. degree. This 144 hours consists of: (1) the general education requirements, (2) required courses in the major, and (3) selected courses in general business designed for the academic needs of the individual student by the Commerce-Law advisor. At the completion of these three years, the student may apply to the De Paul University College of Law.

Upon satisfactory completion of the first year of study in De Paul University's College of Law, the College of Commerce confers the degree Bachelor of Science in Commerce.

Upon the successful completion of the remaining two years of study in the College of Law, the candidate becomes eligible to receive the degree, Juris Doctor.

The second program differs from the first in that the College requirements are 135 hours, a major concentration need not be completed, and the Bachelor's degree is not awarded. Successful completion of this three year directive program of studies will lead to early admission to the College of Law. The three year College of Law program leads to the degree of Juris Doctor (J.D.).

Lawrence W. Ryan, J.D., Professor Business Law; Chairman of the Department of General Business is the Director of the Program in Business Law and serves as Commerce-Law Adviser to all Commerce-Law students. Students planning to enter the Law School should consult him immediately upon entering the College of Commerce for program planning.
COLLEGE OF COMMERCE—PROFESSORS EMERITI:

Lorettto Hoyt, Ph.B., A.M., Professor Emeritus of Business Education, 1960
Arthur J. Mertzke, Ph.D., Professor Emeritus of Marketing, 1958
Ferdinand J. Ward, C.M., M.A., Professor Emeritus of English, 1963
Walter Young, M.B.A., C.P.A., Professor Emeritus of Accountancy, 1965
Department of Accountancy

Accounting is becoming ever broader in scope and increasingly important and varied in its applications in industry and government. A knowledge of accounting and an ability to use information derived from accounting records and financial statements are vital to business and professional men, as well as those engaged in government, and to the alert and intelligent citizen.

The program offered in the Department of Accountancy is planned to provide: 1) all students in the College of Commerce with a sound knowledge of accounting and its use as a tool in the management and control of a business organization; 2) adequate training for those who desire to acquire a thorough knowledge of the advanced theory and practice of accounting as a background for a career in general business; 3) adequate knowledge for those who wish to become private accountants in the field of industry, government or finance; 4) adequate knowledge for those who desire to enter the professional practice of accounting and secure, through state examination, the status of Certified Public Accountant; 5) adequate background to pursue further graduate studies and independent research.

PROGRAM OF CONCENTRATION

Freshman Year
Accountancy 101, 102, 103
Mathematics 125, 126
Economics 103
Statistics 142
De Paul College: 5 courses

Sophomore Year
Accountancy 203, 204
Management 101
Economics 104
Marketing 101
Finance 101
Accountancy 130
De Paul College: 5 courses

Junior Year
Accountancy 205, 372, 380
Finance 201
Marketing 202
De Paul College: 6 courses

Senior Year
Accountancy 383, *Internship
Economics Elective, 200-300 level
Business Law 201, 202
Management 231, 303, 304
Finance 205
De Paul College: 2 courses

*Courses— All courses carry four hours credit, unless otherwise stated.

101 PRINCIPLES OF ACCOUNTING I.
102 PRINCIPLES OF ACCOUNTING II. (Prerequisite: 101)
103  MANAGERIAL I.  (Prerequisite: 102)
130  INTRODUCTION TO COMPUTER TECHNOLOGY & METHODOLOGY  (Prerequisite: B. Math. 126 and one course in each Major Field of Commerce. Laboratory Fee: $15.00)
203  MANAGERIAL II.  (Prerequisite: 103)—Cost.
204  INTERMEDIATE THEORY.  (Prerequisite: 103)
205  ADVANCED THEORY.  (Prerequisite: 204)
210  CONSOLIDATIONS.  (Prerequisite: 204)
303*  COST CONTROL.  (Prerequisite: 203)—Cost Estimating, Direct Cost, Pert Cost, Networks
320*  INFORMATION SYSTEMS.  (Prerequisite: 205)—System design including Data Processing Methods, Form Formats to Computers.
329*  INTRODUCTION TO DATA PROCESSING & COMPUTER PROGRAMMING.  (Prerequisite: 320 or electives)
330*  ADVANCED DATA PROCESSING CONCEPTS.  (Prerequisite: 329 or Permission)
333*  PROFIT PLANNING AND CONTROL.  (Prerequisite: 203—Budgeting and Forecasting.
341*  GOVERNMENTAL & INSTITUTIONAL ACCOUNTING.  (Prerequisite: 204)
372  AUDITING THEORY.  (Prerequisite: 205)
380  TAXES I.  (Prerequisite: 205)
383  TAXES II.  (Prerequisite: 380)
390  INTERNSHIP.  (Prerequisite: 372 and 380)
391*  C.P.A. REVIEW.  (Special Permission & Tuition) No Credit.
399  SEMINAR—CONTEMPORARY READINGS AND IDEAS.  (Prerequisite: 372 and 380 and Senior Standing)

*Offered evenings only.

FACULTY

Helene M. A. Ramanauskas, Ph.D., C.P.A., Professor
Fred F. Lang, M.B.A., C.P.A., Associate Professor
Milton D. Shulman, Ph.D., Associate Professor
Clovis N. da Silva, Ph.D., Associate Professor
Eldred C. Strobel, M.Ph., C.P.A., Associate Professor, Chairman
Benedict B. Bombera, M.B.A., Assistant Professor
Thomas F. Cotteler, M.B.A., C.P.A., Assistant Professor
Arthur L. Crandall, M.S.A., C.P.A., Assistant Professor
William T. Geary, M.A.S., C.P.A., Assistant Professor
Daniel Simunic, M.B.A., C.P.A., Assistant Professor
Stanley B. Tarr, M.B.A., C.P.A., Assistant Professor
Jack R. Wollman, M.S., C.P.A., Assistant Professor
Jerold R. Zisook, M.B.A., C.P.A., Assistant Professor
Jacob Baitman, M.B.A., C.P.A., Lecturer
Richard J. Bannon, Ph.D., C.P.A., Adjunct Professor
Donald Brumlik, J.D., C.P.A., Lecturer
Harvey L. Costan, B.S.C., C.P.A., Lecturer
John Driscoll, M.B.A., C.P.A., Lecturer
Stanley Fisher, M.B.A., C.P.A., Lecturer
Stanley J. Franklin, LL.B., M.B.A., Lecturer
Errol G. Golub, LL.M., C.P.A., Lecturer
Patrick R. Grogan, B.S.B.A., C.P.A., Lecturer
Donald Hauserman, J.D., C.P.A., Lecturer
Donald P. Horwitz, B.S., LL.B., C.P.A., Lecturer
John S. Hayes, B.B.A., C.P.A., Lecturer
Marjorie June, M.B.A., C.P.A., Lecturer
Jerry Kolb, M.B.A., C.P.A., Lecturer
Peter H. Lauer, M.B.A., C.P.A., Lecturer
Glen Miller, M.B.A., M.S., C.P.A., Lecturer
Nathan Miller, M.B.A., C.P.A., Lecturer
Gerard V. Radice, M.B.A., C.P.A., Lecturer
James Ryan, M.B.A., C.P.A., Lecturer
Fred M. Sheehan, M.B.A., C.P.A., Lecturer
Department of Economics

Economics studies the manner in which relatively scarce resources are utilized to satisfy the material wants of men. The curriculum is aimed at developing in the student a thorough understanding of the economic world in which we live. Intelligent and responsible citizenship in a democratic society requires that we have a knowledge of the major economic issues which face our society; problems associated with unemployment, inflation, automation, economic growth, and international economic relations must be understood before they can be solved. An understanding of the problems facing individual economic units—the firm, the household, the supplier of economic resources—is essential if one is to operate successfully in the business world.

**PROGRAM OF CONCENTRATION**

Bachelor of Science in Commerce.

**Freshman Year**
- Accountancy 101, 102, 103
- Mathematics 125, 126
- Economics 103
- De Paul College: 6 courses

**Sophomore Year**
- Economics 104, 305
- Finance 101
- Management 101
- Marketing 101
- Statistics 142
- Accountancy 130
- De Paul College: 5 courses

**Junior Year**
- Economics 306 & one course chosen from 210, 212, 318, 330, 361
- Finance 201, 205
- Marketing 202
- De Paul College: 6 courses

**Senior Year**
- Economics: Four courses chosen from 240, 320, 359, 360, 375, 376, 380, 381
- Business Law 201, 202
- Management 231, 303, 304
- De Paul College: 1 course

**COURSES**—All courses carry four hours credit.
- 103 PRINCIPLES I. INTRODUCTION TO ECONOMICS.
- 104 PRINCIPLES II. ECONOMICS OF THE MARKET PLACE. (Prerequisite: 103)
- 210 ECONOMICS OF THE URBAN ENVIRONMENT. (Prerequisite: 103)
- 212 SOCIAL CONTROL OF BUSINESS. (Prerequisite: 104)
- 215 INTRODUCTION TO MONEY AND BANKING. (Prerequisite: 104)
- 216 EUROPEAN ECONOMIC HISTORY. (Prerequisite: Econ. 104)
- 217 AMERICAN ECONOMIC HISTORY. (Prerequisite: Econ. 104)
- 240 DEVELOPMENT OF ECONOMIC THOUGHT. (Prerequisite: 104)
- 242 STATISTICS FOR ECONOMICS. (Prerequisite: 104)
- 305 PRICING AND DISTRIBUTION ANALYSIS. (Prerequisite: 104) (Formerly 205)
- 306 NATIONAL INCOME ANALYSIS. (Prerequisite: 104)
- 318 LABOR ECONOMICS AND ORGANIZATION. (Prerequisite: 104)
- 320 ECONOMIC TEACHINGS OF THE ENCYCICALS. (Prerequisite: Econ. 104)
- 325 ECONOMICS OF POVERTY. (Prerequisite: 104)
- 330 THE ECONOMICS OF SOCIALISM. (Prerequisite: 104)
- 359 THE THEORY OF ECONOMIC DEVELOPMENT. (Prerequisite: 104)
- 360 ECONOMICS OF UNDER-DEVELOPED COUNTRIES. (Prerequisite: 104)
- 361 INTERNATIONAL TRADE. (Prerequisite: 104)
- 375 INTRODUCTION TO ECONOMETRICS I. (Prerequisite: 104 and Statistics 142 or Economics 242)
- 376 INTRODUCTION TO ECONOMETRICS II. (Prerequisite: 375)
- 380 MATHEMATICS FOR ECONOMICS AND BUSINESS I. (Prerequisite: 104)
- 381 MATHEMATICS FOR ECONOMICS AND BUSINESS II. (Prerequisite: 380)

**FACULTY**

Francis J. Brown, Ph.D., Professor
James J. Diamond, Ph.D., Professor and Chairman
Robert W. Faulhaber, Ph.D., Professor
William A. Hayes, Ph.D., Professor
William R. Waters, Ph.D., Professor
James E. Ciecka, Ph.D., Assistant Professor

Joseph S. Giganti, Ph.D., Assistant Professor
Adolph E. Mark, Ph.D., Assistant Professor
Anthony C. Peppo, M.B.A., Assistant Professor
H. Woods Bowman, Ph.D., Lecturer
Richard B. Chalecki, E.D.D., Lecturer
James A. Hartzheim, M.B.A., M.Ed., Lecturer
Department of Finance

The study of finance is the critical examination of the exchange of goods and services by the use of money and credit. It aims to explain the accumulation, application and preservation of funds, as related to both the short term and long term money markets both domestically and internationally. It embraces a study of the kinds of instruments employed, their rights and liabilities and the means for their distribution.

The study of finance is: 1) a valuable aid to the understanding of allied fields such as accounting and marketing, and 2) required for those expecting to enter the profession of commercial banking, investment banking, other types of credit institutions, and corporate financial management. In the present order of highly specialized functions, a knowledge of the financial mechanism is indispensable to anyone attempting a basic analysis of modern business.

PROGRAM OF CONCENTRATION

Freshman Year
Accountancy 101, 102, 103
Mathematics 125, 126
Economics 103
De Paul College: 6 courses

Sophomore Year
Finance 101, 201
Economics 104
Management 101
Statistics 142
Marketing 101
Accountancy 130
De Paul College: 5 courses

Junior Year
Finance 205, 211
Economics Elective
Management 303
Marketing 202
De Paul College: 6 courses

Senior Year
Finance 303, 332, 357 and one of
322, 323 or 355
Finance Elective — 200-300 Level
Business Law 201, 202
Management 231, 304
De Paul College: 1 course

COURSES — All courses carry four hours credit.

101 FINANCIAL STRUCTURES AND FUNCTIONS. (Prerequisite: Sophomore Standing)—Study of Financial Institutions.
201 CORPORATE FINANCE. (Prerequisite: 101)—Instruments of Corporate Finance—Stocks, Mortgages, Bonds.
205 MONEY AND BANKING. (Prerequisite: Fin. 101 & Econ. 104)—Monetary and Banking Systems.
211 INVESTMENTS. (Prerequisite: 101)
244 THE STOCK EXCHANGE. (Prerequisite: 211)
261 FUNDAMENTALS OF INSURANCE (Prerequisite: Soph. Stdg. or Perm.)
303 CORPORATE FINANCIAL MANAGEMENT. (Prerequisite: 201)—Case Analysis of Financial Problems.
311 SECURITY ANALYSIS. (Prerequisite: 211)
321 BANK MANAGEMENT. (Prerequisite: 205)
322 CENTRAL BANKING AND MONETARY POLICY. (Prerequisite: 205)
323 MONETARY AND BANKING THEORY. (Prerequisite: 205)—Banking Theory—Liquidity, Reserves, Expansion, and Contraction of Bank Credit.
332 PUBLIC FINANCE AND FISCAL POLICY. (Prerequisite: 205 and Economics 104)—Financial Problems of Government.
343 ANALYSIS OF FINANCIAL STATEMENTS. (Prerequisite: 201)
355 KEYNESIAN MONETARY THEORY. (Prerequisite: 205)
357 INTERNATIONAL FINANCE. (Prerequisite: 205)
361 LIFE, PROPERTY & LIABILITY INSURANCE (Prerequisite: Soph. Stdg. or Perm.)
399 INDEPENDENT RESEARCH. (Prerequisite: Senior Standing and Permission)

FACULTY
James A. Hart, Ph.D., J.D., Professor
Frederick W. Mueller, Ph.D., Professor
Thomas J. Kewley, Ph.D., C.F.A., Associate Professor, Chairman
Richard L. Boggs, M.S., Assistant Professor
George M. Iwanka, Ph.D., Assistant Professor
Eugene J. Muldoon, M.B.A., Assistant Professor
William M. Poppoi, M.B.A., Assistant Professor
Phillip L. Bond, B.S., M.B.A., Lecturer

Richard T. Britton, B.S., Lecturer
Beryl D. Cornell, M.A., Lecturer
Nicholas J. De Leonards, B.S., M.A., Lecturer
John R. Hayes, B.S.C., M.B.A., Lecturer
Jon C. Goetzke, M.B.A., Lecturer
John P. Heiner, M.B.A., Lecturer
Theodore Kelz, M.S., Lecturer
Jeremiah Riordan, M.B.A., Lecturer
General Business

The College of Commerce offers an interdepartmental program in General Business leading to the Degree Bachelor of Science in Commerce. The curriculum combines a wide range of specialized preparation with a background in general education. In this program the student is offered a variety of courses in Accountancy, Business Law, Mathematics, Economics, Finance, Management and Marketing without specializing in any single departmental program. Chairman of the program is Lawrence W. Ryan, J.D., Professor of Business Law. The program follows this pattern:

**PROGRAM OF CONCENTRATION**

**Freshman Year**
- Accountancy 101, 102, 103
- Economics 103
- Mathematics 125, 126
- De Paul College: 6 courses

**Sophomore Year**
- Economics 104
- Finance 101
- Management 101, 111
- Marketing 101
- Statistics 142
- Accountancy 130
- De Paul College: 4 courses

**Junior Year**
- Finance 201, 205
- Management 112
- Marketing 202, Elective*
- De Paul College: 6 courses

**Senior Year**
- Business Law 201, 202, 203
- Economics Elective*
- Finance, Elective*
- Business Elective*
- Management 231, 303, 304
- De Paul College: 2 courses

*Note: All Commerce electives must be at the 200-300 level.
Department of Management

Management is a unique activity having a philosophy, principles, processes and standards of achievement. The management process is universal, in the sense that it is practiced in all the functional areas of an organization. At the core of the management process is general administration. In this area, the department offers work in management principles, policies and organization. Beyond this, the department has opportunity for study in the behavioral sciences and quantitative methods. Thus, the department recognizes the necessity for sound preparation in general administration, plus the need for work in the behavioral and quantitative areas which have special relevance for management.

Because management works in complex and uncertain business settings, considerable demands are placed on the individual executive to perceive the subtleties of his environment. The executive must order his environment and direct it toward the accomplishment of objectives based on his perception of the situation. The rigors of uncertainty and ambiguity require that the executive exhibit a high degree of conceptual ability. The overriding philosophy of this department aims at the development of abstractive skill in reference to problems of administration.

PROGRAM OF CONCENTRATION

Freshman Year
Accountancy 101, 102, 103  
Mathematics 125, 126  
Management 101  
De Paul College: 6 courses

Sophomore Year
Economics 103, 104  
Finance 101  
Management 111, 112  
Marketing 101  
Statistics 142  
Accountancy 130  
De Paul College: 4 courses

Junior Year
Management 211 or 212, 313  
Economics Elective  
Finance 201  
Marketing 202  
De Paul College: 7 courses

Senior Year
Management 231, 303, 304 and one of the following: 333, 334, 335 & 351 or 353  
Business Law 201, 202  
Finance 205  
De Paul College: 1 course

COURSES

101* FUNDAMENTALS OF PROFESSIONAL MANAGEMENT  
103 OFFICE MANAGEMENT. (Prerequisite: 101)  
110* FUNDAMENTALS OF INDUSTRIAL & BUSINESS PSYCHOLOGY.  
111 PRODUCTION MANAGEMENT I. (Prerequisite: 101)—Product Development Performance Standards, Work Study.  
112 PERSONNEL ADMINISTRATION I. (Prerequisite: 101)—Recruitment, Training, Job Analysis.  
120* PSYCHOLOGY OF PERSONNEL. (Prerequisite: 110)  
130* PSYCHOLOGICAL TESTING IN BUSINESS & INDUSTRY. (Prerequisite: 112)—Psychological tests used in selection and promotion of employment.  
211 PRODUCTION MANAGEMENT II. (Prerequisite: 111)  
212 PERSONNEL ADMINISTRATION II. (Prerequisite: 112)—Wage and Salary Administration Labor Relations, and Legislation.  
231 COMMUNICATIONS I. (Prerequisite: Permission)—Business Correspondence and Report Writing.  
303 ORGANIZATIONS. (Prerequisite: 101)  
304** POLICY FORMULATION AND ADMINISTRATION. (Prerequisite: Senior Standing)  
305 SYSTEMS & PROCEDURES I—Theory & techniques of Systems Analysis. (Prerequisite: 101)  
306 SYSTEMS & PROCEDURES II—Theory & techniques of Systems Analysis continued. (Prerequisite: 305)  
310 ADVANCED SYSTEMS ANALYSIS (Prerequisite: 306 or equivalent)  
313 HUMAN RELATIONS IN ADMINISTRATION. (Prerequisite: 101)—Study of Behavioral Sciences which are relevant to Management.
Purchasing. (Prerequisite: 101)
Report Writing in Business and Industry. (Prerequisite: Permission)
Labor Law and Legislation. (Prerequisite: 111 or 112)
Collective Bargaining. (Prerequisite: 112)
Wage and Salary Administration. (Prerequisite: 111 or 112)
Administrative Practices. (Prerequisite: 303)—Case materials applied to interrelationships between individuals and groups within an organization.
†Offered Evenings Only.
*Offered Evenings Only and Special Registration.
**Open to degree candidates who have completed entire curriculum to end of first quarter of senior year.

FACULTY

Adnan J. Almaney, Ph.D., Associate Professor
Abdul J. Alwan, Ph.D., Associate Professor
John E. Burns, M.B.A., J.D., Associate Professor
Dean C. Dauw, Ph.D., Associate Professor
Roy E. Horton, Ph.D., Associate Professor
Michael Z. Massel, Ph.D., Associate Professor
Dominic G. Parisi, Ph.D., Associate Professor, Chairman
Milton D. Shulman, Ph.D., Associate Professor
Elias M. Awwad, M.B.A., Assistant Professor
Cameron Carley, Ph.D., Assistant Professor
Donald C. Collins, Ph.D., Assistant Professor
Charles F. Douds, Ph.D., Assistant Professor
Jack H. Grossman, Ph.D., Assistant Professor
Robert W. Hollmann, M.B.A., Instructor

Helen N. LaVan, M.B.A., Instructor
Richard J. Biehl, M.A., Lecturer
Joseph Braun, M.B.A., Lecturer
Anthony J. Brenner, M.A., Lecturer
George T. Cabot, Ph.D., Lecturer
Edwin A. Giernick, M.B.A., Lecturer
William E. Hay, M.B.A., Lecturer
Melvin Humpa, M.B.A., Lecturer
Anthony J. Jablonsky, M.B.A., Lecturer
Laurence McCarthy, M.S.I.R., Lecturer
Gerald E. Pelzer, M.B.A., Lecturer
Ergin Uskup, Ph.D., Lecturer
Andrew W. Postlewaite, Lecturer
Department of Marketing

The processes of marketing goods and services are a vital phase of the economic structure of any society. They affect every aspect of a business and enter the life of every community. Productive capacity and volume are subject at all times to conditions generated in the market. Many significant business issues in this rapidly changing world have their roots in distribution.

Widely varied customs, tastes, and needs exist in the United States. Thus, businessmen must have facts about the product, market, and channels of distribution. Guessing is unsafe and general merchandising experience is not sufficient. Special methods for gathering and interpreting market information are consequently considered in each course.

For these reasons, the function of marketing is recognized as a basic element in business administration. Courses 101 and 202 are accordingly required of all students. Courses 203, 211, 323, and 340 are intended primarily for students especially interested in the marketing field, but are open to juniors and seniors majoring in other areas.

PROGRAM OF CONCENTRATION

Freshman Year
Accountancy 101, 102, 103
Mathematics 125, 126
Economics 103
De Paul College: 6 courses

Sophomore Year
Marketing 101, 202
Economics 104
Management 101
Finance 101
Statistics 142
Accountancy 130
De Paul College: 5 courses

Junior Year
Marketing 203, 211, 223
Economics Elective
Finance 201
De Paul College: 6 courses

Senior Year
Marketing 323, 340, 399
Business Law 201, 202
Finance 205
Management 231, 303, 304
De Paul College: 1 course

COURSES — All courses carry four hours credit.

101 PRINCIPLES OF MARKETING
202 PROBLEMS IN MARKETING. (Prerequisite: 101 & Econ. 104)—Analysis of Marketing Problems.
203 CHANNELS MANAGEMENT. (Prerequisite: 202)—Channel of Distribution.
211 COMMUNICATIONS MANAGEMENT. (Prerequisite: 202)—Mass Communications.
223 MARKETING RESEARCH. (Prerequisite: 202 & Statistics 142)
323 SALES ANALYSIS, FORECASTING AND CONTROL. (Prerequisite: 202, Econ. 104, & Statistics 142)
340 CONSUMER BEHAVIOR AND MARKETING MANAGEMENT. (Prerequisite: 202 & B.S.S. 111)
399 SEMINAR IN MARKETING. (Prerequisite: at least four marketing courses)

FACULTY

Harold W. Fox, Ph.D., Professor, Chairman
Hilda C. Wasson, D.B.A., Associate Professor
James M. Comer, M.B.A., Assistant Professor
J. Irwin Peters, Ph.D., Assistant Professor
Julian G. Andorka, Ph.D., Lecturer
Raffaele Bernetti, Ph.D., Lecturer
Irwin Broh, M.B.A., Lecturer
Norbert Heath, M.B.A., Lecturer
Robert N. Joffe, M.B.A., Lecturer
Russell L. Jones, M.B.A., Lecturer
Harvey Lederman, M.B.A., Lecturer
Gerald Meyerson, M.B.A., Lecturer
Leonard A. Rosenstein, M.B.A., Lecturer
Daniel L. Seiden, M.B.A., Lecturer
SUPPORTING AREAS
Department of Business Law

Courses offered by the Business Law Department are designed to equip the student with an ability to understand and apply fundamental legal principles to those problems most frequently encountered in commerce and industry. He is thus equipped to meet and resolve fundamental legal issues and is in a position to readily recognize the necessity for expert legal advice and assistance. In addition the program is designed to provide the student with a knowledge of those problems encountered in the State Examination for C.P.A. Courses in Business Law are offered only as supporting studies and electives.

COURSES— All courses carry four hours credit.
105  REAL ESTATE LAW
201  CONTRACTS AND AGENCY. (Prerequisite: Senior Standing)
202  COMMERCIAL PAPER AND SALES. (Prerequisite: 201)
203  BUSINESS ORGANIZATIONS. (Prerequisite: 201)

FACULTY
Lawrence W. Ryan, J.D., Professor, Chairman
Thomas J. Wynn, J.D., Associate Professor
Walter E. Wright, J.D., Instructor
John Hillery, LL.B., Lecturer
Charles Reed, J.D., Lecturer
John L. Roach, J.D., Lecturer
Jeffrey Lampert, J.D., Lecturer
Quentin San Hamel, J.D., Lecturer
Mathematics and Statistics

In recent years there has been enormous growth and development in applications of mathematics to business problems. The mathematics program is planned to make some of these powerful tools accessible to students in the College of Commerce. The basic sequence 125 and 126 is intended to help the student gain insight and understanding in some fundamental principles of mathematics and to show how these principles are related to typical situations that arise in business. In addition, the basic sequence is intended to provide a background for those whose needs and interests require advanced study in mathematics. Courses in Mathematics and Statistics are offered only as supporting studies and electives.

COURSES — All courses carry four hours credit.

125 MATHEMATICS I. Algebra, analytic geometry, and functions. Fundamentals of linear programming.
126 MATHEMATICS II. (Prerequisite: 125)—Elements of calculus with applications. Probability with statistical applications.
142 STATISTICS. (Prerequisite: 126)
342 STATISTICS II—INTERMEDIATE. (Prerequisite: 142)

FACULTY

Everett McClane, M.S., Assistant Professor
Arthur F. Svoboda, M.S., Assistant Professor
Frank Gazzolo, M.A., Lecturer
George L. Royce, M.S., Lecturer
Daniel L. Seiden, M.B.A., Lecturer
COLLEGE OF
LIBERAL ARTS
AND SCIENCES

John P. Masterson, Ph.D., Dean

Jack L. Fister, B.S.,
Administrative Assistant to the Dean

Thomas G. Dolan, M.A.,
Administrative Assistant to the Dean

Curriculum — College of Liberal Arts
and Sciences

Departments

Programs
Courses
Faculty
THE COLLEGE OF LIBERAL ARTS AND SCIENCES

The College of Liberal Arts and Sciences offers degrees in the Bachelor of Arts, the Bachelor of Science, and the Bachelor of Science in Nursing. Should these degrees be earned through the College’s Honors Program, “Honors Degrees” are awarded.

The College provides programs of concentration which are the core of specialized education. These programs grow from and with the general education program of the De Paul College. They implement the purposes of the University by their emphasis on the student as a responsible individual, on knowledge as a means of self-perfection, on the culture which is man’s heritage, and on the nature of a scholarly life.

To meet the needs of the adult, part-time student earning a baccalaureate degree in one of the traditional arts and sciences or advancing himself professionally, the College schedules courses at late afternoon and evening hours. Only degree-seeking students accepted by the Admissions Office are eligible for the formal programs offered by the College.

INDIVIDUALIZED GUIDANCE

Individualization of programs of study makes it impossible to describe all College programs in detail in this bulletin; thus descriptions here are only in general terms. From the moment a student has selected his field of concentration, it is the joint responsibility of the student and the College to maintain continuing contact between a departmental faculty advisor and the student. These counseling sessions will provide the student with the specific information and guidance needed to formulate an individual program. Many departments have prepared brochures designed to acquaint perspective students with their departmental program. The undecided student should consult those brochures which are of greatest interest to him.

ACCELERATION AND ENRICHMENT

In order that the exceptional student proceed at a pace consistent with his ability and at a level consistent with the challenge he is willing to accept, he is encouraged to discuss with his academic advisor ways of accelerating and enriching his program.

Many departments provide an opportunity for acceleration through credit-by-examination and for enrichment through reading and research and independent study. In these ways the student can extend his program at a pace and level ordinarily unattainable through classroom concentration.

COLLEGE PROGRAMS

Requirements of the College are determined mainly by the various major and special programs. With maximal flexibility within the limits of recognized standards and practices, these requirements are carefully prescribed by departmental faculties or interdisciplinary committees. Each student concentrates on studies in one or more of the traditional disciplines in the Liberal Arts and Sciences and is expected to pursue studies allied to and supporting the major concentration. The College requires completion of four units of high school credit or three college courses in one foreign language as a graduation requirement.

The typical College baccalaureate degree program consists of the following pattern:

<table>
<thead>
<tr>
<th>Quarter Hours</th>
<th>Type of Course Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>General Education courses</td>
</tr>
<tr>
<td>44-54</td>
<td>Specialized Education in the major field</td>
</tr>
<tr>
<td>44-54</td>
<td>Specialized Education in allied fields and electives</td>
</tr>
<tr>
<td>Minimum Total</td>
<td>180</td>
</tr>
</tbody>
</table>
SPECIAL PROGRAMS

The College also offers a variety of special programs: The Honors Program, Study Abroad, Military Science, and Pre-professional Programs in the fields of Engineering, Law, and the Medical Sciences.

Details of these programs appear in the Special Programs section of this bulletin.

CURRICULUM

Major programs in the College of Liberal Arts and Sciences are offered during the day in the following areas:

- Afro-American Studies
- Art
- Biological Sciences
- Chemistry
- Economics
- English
- Geography
- History
- Ibero-American Studies
- Jewish Studies
- Mathematics
- Modern Languages
- French
- German
- Spanish
- Music Theory
- Nursing
- Philosophy
- Physics
- Political Science
- Psychology
- Social Sciences
- Sociology
- Speech and Drama
- Theology

Major programs in the College of Liberal Arts and Sciences are offered in the evening on both Lincoln Park Campus and at the Lewis Center in the following areas:

- Economics
- Mathematics
- English
- Philosophy
- Geography
- Psychology
- History
- Social Sciences
- Sociology
- Theology

All programs of concentration, allied field requirements, and the general education program of the De Paul College are designed for a four year academic residence. Several departments offer integrated programs of undergraduate and graduate studies with early admission to the Graduate School. The qualified student may earn the Master’s Degree usually one year after award of the Bachelor's Degree.

LANGUAGE REQUIREMENT

Students admitted to the University since the Autumn Quarter, 1969, are required to complete three college courses in one foreign language as a graduation requirement in the College of Liberal Arts and Sciences. The requirement is waived in the case of students presenting four units of high school work in one foreign language. The language courses selected should extend, rather than repeat, high school achievement. A guide relating this achievement to De Paul courses in French, German, and Spanish is given in the Modern Language section of this bulletin. Students may choose a language other than that studied in high school.
Special Programs

HONORS PROGRAM

The Honors Program in the College of Liberal Arts and Sciences is open upon invitation or application to freshmen and sophomore candidates for the Bachelor of Arts or Bachelor of Science degree.

Freshmen whose high school academic records and college entrance test scores show exceptional ability and sophomores whose freshman academic record demonstrates exceptional intellectual capacity and motivation are invited into the program. Students in their freshmen and sophomore years may also enter by application to the Chairman of the Committee. All students pursue a course of study which in several ways is more demanding than the normal curricula.

The program leads to the degree of Bachelor of Arts or Bachelor of Science, Honors Program. The qualified student has full opportunity, encouragement and guidance to study at his peak capacity. He completes at least four courses in the sequence of Honors Courses, the Senior Honors Colloquium and the Senior Thesis. In addition, he may, by arrangement with the Director and individual instructors, enroll in advanced courses in his major subject for Honors credit, until he has completed 36 quarter hours of Honors credit. All currently scheduled courses in the Honors Program can earn simultaneous credit as electives in De Paul College. See director of Honors Program for details. Attainment of a 3.2 grade point average by the last quarter of the senior year is prerequisite to graduation in the Honors Program.

A descriptive Honors Program Guidelines brochure, designed to allow self-counseling for those entering the program, may be obtained by interested students from the Committee Chairman or Program Director.

HONORS COURSES  All courses carry 4 hours credit.

An A, W, or S following the course title means that the course is offered in the Autumn, Winter, or Spring Quarter respectively.
201H STRUCTURES AND VALUES IN JUDAEO-CHRISTIAN CIVILIZATION. A.
202H STRUCTURES AND VALUES IN CONTEMPORARY WESTERN CIVILIZATION. W.
201H STRUCTURES AND VALUES IN CONTEMPORARY EASTERN CIVILIZATION. S.
312H THEORIES OF HISTORY I. A.
313H THEORIES OF HISTORY II. W.
320H THE AMERICAN CONSCIOUSNESS: CONFLICT AND DREAM I. W.
321H THE AMERICAN CONSCIOUSNESS: CONFLICT AND DREAM II. S.
340H THE BIOLOGY OF ULTIMATE CONCERN. S.
350H SENIOR COLLOQUIUM: CREATIVITY IN SCIENCE AND THE ARTS. A.
399H SENIOR THESIS. A, W, S.

Program Committee

Cornelius Sippel, Ph.D., Assistant Professor, History, Chairman
Hugo Amico, O.S.B., J.C.D., S.T.D., Associate Professor, Theology
Paulis Anstrats, Ph.D., Associate Professor, Modern Languages
Alphonse Buccino, Ph.D., Associate Professor, Mathematics, on leave
Sally Chappell, Ph.D., Associate Professor, Art
Mary Murray, Ph.D., Associate Professor, Biology
Lavon Rasco, Ph.D., Associate Professor, English
Sholom Singer, Ph.D., Associate Professor, History
Frederick I. Tietze, Ph.D., Associate Professor, English, Director
Joseph Yadlicka, Ph.D., Associate Professor, Modern Languages
L. Edward Allemand, Ph.D., Assistant Professor, Philosophy
Stanley Damberger, M.A., Assistant Professor, English
Marilyn Kennedy, M.S.J., Assistant Professor, English
William Terris, Ph.D., Assistant Professor, Psychology
Donald Koss, Student Representative  
Richard Nicholas, Student Representative  
Bernadette Lynch, Student Representative  
Jerri Jerissa, Student Representative

PRE-ENGINEERING

Two programs in pre-engineering are offered at De Paul under the direction of the Department of Physics. The first of these is a five-year program, encompassing three years of study at De Paul and two years at either the University of Illinois (Urbana), the University of Notre Dame, the University of Detroit or the University of Southern California. Successful completion of both phases of this program leads to the award of two degrees: the Bachelor of Arts by De Paul University, and the Bachelor of Engineering by the Engineering School.

Students interested in chemical engineering follow a program similar to the first three years of the program for chemistry majors. Students interested in other areas of engineering follow a program patterned upon the first three years of the program for physics majors.

The second program in pre-engineering is offered cooperatively with the University of Detroit. Upon satisfactory completion of the first two years of the physics major program at De Paul, the student is accepted at the University of Detroit where he follows a three year "cooperative work/study" engineering program, leading to the Bachelor's degree at Detroit. De Paul University does not award a degree in this option.

Students following the first two years of the pre-engineering program may transfer to any School of Engineering if they meet that school's admissions requirements for transfer students.

Further information concerning these programs may be obtained from the Physics Department.

LAW AND PRE-LAW

Political Science is the traditional pre-law major. However, a minor in accounting, economics, history, literature, modern languages, sociology, or philosophy is especially helpful in the practice of law.

A student interested in pursuing a career in law should avail himself of every opportunity to develop his skills in written and oral communication. Especially desirable are intensive courses which require practice in the research, organization and presentation of written materials.

The pre-law program is offered by the College of Liberal Arts and Sciences in cooperation with the College of Law. Successful completion of 144 quarter hours of requirements in major and allied fields in the College of Liberal Arts and Sciences is the prerequisite for admission to the College of Law. After admission to the College of Law and successful completion of the first year of that College's three-year law program, the student is eligible for a Bachelor's degree in the Arts or the Sciences. Upon completion of the entire three-year law program, the student is awarded the degree Juris Doctor.

It is strongly recommended that a student complete his degree program in the College of Liberal Arts and Sciences before undertaking professional training in law. The Director of the Pre-law Program in the College of Liberal Arts and Sciences is Dr. Stanley S. Jados, Professor of Political Science.

MILITARY SCIENCE

The Military Science Department offers a program consisting of a combination of departmental offerings and selected courses from other departments in the College. A more detailed description of the program is given under the Department of Military Science.
PRE-PROFESSIONAL PROGRAMS IN MEDICAL SCIENCES

The College offers programs for students in pre-medical, pre-dental, and medical technology studies. The student spends three years at De Paul following a curriculum designed for both liberal education and proper preparation for professional training. Upon satisfactory completion of studies at De Paul and one year of professional training, the student is awarded the Bachelor of Science degree.

Students in these programs must attend approved professional schools: medical schools approved by the Council on Medical Education of the American Medical Association; dental schools approved by the Council on Dental Education of the American Dental Association; and medical-technology schools accredited by the Council on Medical Education of the American Medical Association.

The requirements of these programs are listed under the Department of Biological Sciences. Students are advised by faculty members of the Department of Biological Sciences, who direct these programs. Other pre-professional programs in the medical sciences are offered, but do not constitute a part of a degree program. Complete information is available from the Department of Biological Sciences.

STUDY ABROAD

The College of Liberal Arts and Sciences encourages able students to spend a year of study abroad, ordinarily the junior year. Emphasis is placed upon European study. The student must receive approval for the transfer of credits from the Department Chairman and Dean. Information on study abroad programs can be obtained from the Dean of Students Office.
Afro-American Studies

Afro-American Studies is an interdisciplinary program which seeks to provide historical and sociological perspectives of the Afro-American. The program may be begun in the freshman or sophomore year.

A student wishing to pursue this interdisciplinary program should consult with a faculty advisor to determine a program most suitable to his interests and future needs. The faculty advisor should be chosen from the faculty committee which coordinates the program. The student should consult with his advisor at least once each quarter to determine the availability of the principal courses, new courses which may be introduced, and supportive courses which contribute to the program.

A student who wishes to major in Afro-American Studies is required to complete a minimum of eleven courses (44 quarter hours) in Afro-American History and Sociology courses. At least six of these courses must be at or above the 300-level. In addition, the student will want Sociology 201 which is a prerequisite for all 300-level Sociology courses.

As part of his De Paul College requirement the student is advised to elect those divisional courses that will be appropriate to his individual interests.

The following sample program is but one way a student might complete a major in Afro-American Studies.

Freshman Year

   History: 216, 217, 218
   Junior Year
   Sociology: 201, 307, 308
   History: 304

Sophomore Year

   History: 222, 223, 224
   Senior Year
   History: 387, 388, 389

Students majoring in History may elect to specialize in the areas of African and Afro-American History. More information on this specialization within the major may be obtained from a faculty advisor in the Department of History.

COURSES

The following list can be expected to be expanded in the coming years. The program is new and is still in the early stages of growth.

History Courses*

216  AFRO-AMERICAN HISTORY TO 1750
217  AFRO-AMERICAN HISTORY 1750-1860
218  AFRO-AMERICAN HISTORY SINCE 1860
222  AFRICAN HISTORY TO 1650
223  AFRICAN HISTORY 1650-1870
224  AFRICAN HISTORY SINCE 1870
304  TOPICS IN AFRICAN HISTORY
387  INTELLECTUAL THOUGHT OF THE BLACK MAN
388  THE BLACK RELIGIONISTS
389  TOPICS IN AFRO-AMERICAN HISTORY
393  THE HARLEM RENAISSANCE

Sociology Courses*

307  BLACK INSTITUTIONS: AFRICAN FAMILY AND KINSHIP
308  THIRD WORLD POLITICS AND BLACK POWER

*For more information on these courses consult the History and Sociology sections of this bulletin.

The following courses may be of special interest to a major in Afro-American Studies. The student, however, is cautioned that some of the courses may deal only indirectly with the Afro-American experience. Also, he is reminded that these courses do not satisfy the major requirements of the Afro-American Studies program.
In the De Paul College

BSS 308-COLLOQUIUM: Geopolitical Future of Southern Africa; BSS 312-BLACK ECONOMIC DEVELOPMENT; BSS 316-COLLOQUIUM: Health Problems Among the Poor; BSS 317-COLLOQUIUM: African Influence in South America; HUM 305-BLACK EXPERIENCE IN ART; HUM 319-MAN IN BLACK LITERATURE; HUM 337-MAN AND THE NON-WESTERN WORLD-AFRICA; P&R 152-REFLECTIONS ON MAN; P&R 154-REFLECTIONS ON MORALITY; P&R 155-MAN AND SOCIETY.

In the College of Liberal Arts and Sciences

ART 320-HISTORY OF AFRO-AMERICAN ART; ENG. 368-STUDIES IN SELECTED AFRO-AMERICAN AUTHORS; GEO. 313-BLACK AFRICA, A CONTINENT IN TRANSITION; HIST. 210-WESTERN CIVILIZATION TO 1500; HIST. 211-WESTERN CIVILIZATION, 1500 TO 1715; HIST. 212-WESTERN CIVILIZATION, 1715 TO PRESENT; HIST. 390-HISTORY OF IMMIGRATION AND MINORITIES IN THE UNITED STATES; POL.SCI. 320-AFRICAN POLITICS; POL.SCI. 321-AFRO-AMERICAN POLITICS; PSY. 352-PSYCHOLOGY OF PREJUDICE; SOC. 302-CULTURAL ANTHROPOLOGY; SOC. 303-MINORITY RELATIONS; THEO. 263-AFRO-AMERICAN CONTRIBUTIONS TO RELIGION.

FACULTY COMMITTEE

Michael Wichman, Ph.D., Assistant Professor, Mathematics and Chairman of the Afro-American Studies Committee
Ben Richardson, B.A., S.T.B., Assistant Professor, History
Robert Garfield, M.A., Instructor, History
Joseph Franklin, M.A., Lecturer History
Joseph Mabwa, M.A., Lecturer, Sociology
Department of Art

The Department of Art offers a major which includes both art studio and art history courses. A departmental major consists of 52 quarter hours of art credit. Students who wish to major in art must consult with the Chairman of the Department.

Art courses may be used as allied field requirements in many other departmental programs. Also, art courses may be taken by students for elective credit.

**MAJOR CONCENTRATION**
The Art major consists of three sections:
- Foundation program .......... 4 courses
- History of Art ............ 4 courses
- Plastic and Graphic Arts . 5 courses

**I. FOUNDATION**
- Basic Design (105)
- Exploring Drawing (106)
- Exploring Painting (110)
- Exploring Sculpture (115)

**II. HISTORY OF ART**
- Modern Art: One of the following two: History of 19th and 20th Century Art (346, formerly Art 218) or History of Contemporary Art (322)
- European Art: History of Ancient and Medieval Art (308, formerly Art 210) and History of Renaissance, Baroque, Rococo (340)
- Non-Western Art: One of the following three: History of Afro-American Art (320); History of Oriental Art (325, formerly Art 206); History of Pre-historic, Pre-Colombian, African and Oceanic Art (327)

**III. PLASTIC AND GRAPHIC ARTS (PGA)**
- Intermediate Drawing (206 or 207)
- Intermediate Painting (210 or 211)
- Intermediate Sculpture (215 or 216)
- Printmaking (330 or 331, formerly Art 220)
- PLUS one of the following three courses:
  - Advertising Design (305 or 306)
  - Advanced Painting (310 or 311)
  - Advanced Sculpture (315 or 316)

**ALLIED FIELD**
Twenty (20) quarter hours are required for the Allied Field. It is recommended that this requirement be filled in the following disciplines: English, Speech and Drama, Sociology, History, Philosophy, Psychology.

Thirty-six (36) quarter hours in electives are required to satisfy the minimum requirements.

**SAMPLE PROGRAM IN ART**

**Freshman Year**
- Art 105, 106, 110, 325
- Allied Field: History 210
- Electives: 1 course
- De Paul College: 5 courses

**Sophomore Year**
- Art 206, 115, 215
- Allied Field: Sociology 201
- Electives: 2 courses
- Language: 1 course
- De Paul College: 4 courses

**Junior Year**
- Art 346, 210, 330
- Allied Field: Sociology 302
- Electives: 1 course
- Language: 1 course
- De Paul College: 5 courses

**Senior Year**
- Art 310, 340, 308
- De Paul College: 4 courses
- Electives: 2 courses
- Language: 1 course
COURSES — All courses carry 4 hours credit.

*105 BASIC DESIGN. Analysis of two-dimensional structures.
*106 EXPLORING DRAWING. Drawing techniques and materials. (Formerly Art 109)
*110 EXPLORING PAINTING. Painting techniques and materials. (Formerly Art 114)
*115 EXPLORING SCULPTURE. Sculpture techniques and methods. (Formerly Art 117) (Studio fee: $7.50)
*205 THREE-DIMENSION DESIGN. Analysis of three-dimensional structures. (Studio fee: $7.50)
*206, 207 INTERMEDIATE DRAWING. Studies of drawing, including figure drawing. (Formerly Art 209)
*210, 211 INTERMEDIATE PAINTING. Studies in painting, including figure painting. (Formerly Art 214)
*215, 216 INTERMEDIATE SCULPTURE. Studies in sculpture, including figure sculpture. (Formerly Art 217) (Studio fee: $7.50)
*225 PHOTOGRAPHY. Practice of taking and printing black and white photographs. (Laboratory fee: $15.00)
241 EARLY CHRISTIAN ICONOGRAPHY. (Cross-listed with Theology 241)
242 MEDIEVAL ICONOGRAPHY. (Cross-listed with Theology 242)
243 THEOLOGICAL THEMES AND MODERN ART. (Cross-listed with Theology 243)
*305, 306 ADVISING DESIGN. Methods and techniques basic to commercial art today. (Prerequisite: 105 or permission) (Studio fee: $10.00)
*308 HISTORY OF ANCIENT AND MEDIEVAL ART. History of art from ancient Egypt through Gothic. (Formerly Art 210)
*310, 311 ADVANCED PAINTING. Individual instruction in advanced painting ideas. (Prerequisite: 210 or permission)
*315, 316 ADVANCED SCULPTURE. Individual instruction in advanced sculpture ideas. (Prerequisite: 215 or permission)
320 HISTORY OF AFRO-AMERICAN ART. Art of the Black Man of the American continent.
322 HISTORY OF CONTEMPORARY ART. International trends in art since World War II.
324 HISTORY OF ARCHITECTURE. Survey of Western architecture and foreign influences.
325 HISTORY OF ORIENTAL ART. Survey of arts in Asia. (Formerly Art 206)
327 HISTORY OF PRE-HISTORIC, PRE-COLOMBIAN, AFRICAN AND OCEANIC ART. Historical survey of four ancient non-Western art groups.
*330, 331 PRINTMAKING. (Studio fee: $7.50) (Formerly Art 220)
*335, 336 ILLUSTRATION. (Prerequisite: Intermediate painting or advanced design or permission)
340 HISTORY OF RENAISSANCE, BAROQUE, ROCOCO. (Formerly Art 318)
346 HISTORY OF 19th and 20th CENTURY ART. (Formerly Art 218)
399 INDEPENDENT STUDY. Permission granted only by department Chairman who typically takes some of the following into consideration: previous credit from other institutions, other courses that, in his judgment, adequately prepare a student for enrollment in a given course.

*Studio courses

FACULTY

Keith Morrison, M.F.A., Associate Professor, on leave
Sally Chappell, Ph.D., Associate Professor
Robert Donley, M.F.A., Assistant Professor
Sandra Zawadzki, M.A., Instructor
Hugo N. Amico, O.S.B., J.C.D., S.T.D. (Assoc. Prof., Theology), Lecturer
Molly Bergen, M.A., Lecturer
Patrick O'Brien, C.M., S.T.D. (Assoc. Prof., Theology), Lecturer

51
Department of Biological Sciences

The purpose of the undergraduate division of the Department of Biological Sciences is to provide a curriculum of defined and interrelated courses and laboratory experiences which focus on life and its processes. This curriculum will enable students to acquire a basic understanding of what biology can contribute to our knowledge of life. It will also lay a foundation for those with career goals related to biology.

The aims of the department are to provide opportunities for further development of learning abilities through instruction in basic and advanced courses; to provide lecture and laboratory experiences so that the student is made aware of various types of life phenomena, and the principal methods utilized in their study; to assist students to be aware of career opportunities for persons with a foundation in the biological sciences, and to help them plan a program in accord with their choice of a career goal.

Certain aspects of the biology curriculum provide learning experiences that are part of the educational requirements in pre-professional studies and para-medical professions such as Physical Therapy and Medical Technology. The biology department also offers courses for students in the Departments of Nursing, Psychology and Physical Education. Students with such career goals can plan a selection of courses in biology that will insure learning experiences which best fit into the total educational program required by the profession.

PROGRAMS OF CONCENTRATION

Program I. Basic requirements for students majoring in the Biological Sciences. (Bachelor of Science in Biology) Biology 201, 202, 203, 302, 307 or 309, 325, 330, and three biology courses of choice. Chemistry 117, 119, 121, 123, 125, 127. Allied Fields and Electives: 5 courses numbered 150 or above chosen from Mathematics, Chemistry, Physics, Psychology or Biology. It is strongly recommended for individuals whose career goals are Graduate School and/or Medicine that they include Mathematics 150, 151, 242 and Physics 150, 151, 152 (or their equivalents). Two years of a modern language is recommended for those individuals who plan to enter Graduate School.

Program II. Basic requirements for students planning a career in Medical Technology. (Bachelor of Science with a major in Medical Technology) Biology 201, 302, 307, and three courses chosen from 305, 321, 325, 370. Chemistry 117, 119, 121, 123, 125, 127. Mathematics 131 or 150 or 242. Professional year, the fourth collegiate year in an American Medical Association approved School of Medical Technology with the required 4 quarters concurrent enrollment in Biology 360. For individuals interested in a “Bachelor of Science in Biology” with a fifth year spent in an approved School of Medical Technology, see Program I.

Program III. For students planning a major in Biology and Certification for teaching in Secondary Schools. (Bachelor of Science in Education) (See School of Education section of the bulletin for education requirements.) Biology 201, 202, 203, 302, 307, 308 and/or 309, 315, 325, and three or four biology courses of choice. Chemistry 117, 119, and 121 or 127. Mathematics: two courses from 130, 131, 150, 151, 242.

Program IV. Designed for students planning to enter dental or veterinary medicine schools after the third collegiate year. Biology 201, 202, 203 and three biology courses of choice (307, 325 and 330 are recommended). Chemistry 117, 119, 121, 123, 125 and 127.
Mathematics 131 or 150 or 242.
Physics 150, 151, 152.
Students having completed De Paul College requirements in their total of 135 quarter hours credit, may apply for a Bachelor of Science Degree upon satisfactory completion of forty-five (45) quarter hours (or their equivalent) in the Professional School.

Program V. Integrated Bachelor of Science-Master of Science Degree. At the end of the junior year with permission of the chairman of the department, the student may apply to the Graduate School to enter a five-year Master's Program resulting in a Master's Degree with or without certification for teaching in secondary schools. students with the approval of the Chairman of the Department. See the Graduate

SAMPLE PROGRAM IN BIOLOGY, PROGRAM I

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
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<tbody>
<tr>
<td>Biology 201, 202, 203</td>
<td>Biology 302, 307 or 309, 325</td>
</tr>
<tr>
<td>Chemistry 117, 119, 121</td>
<td>Chemistry 123, 125, 127</td>
</tr>
<tr>
<td>Mathematics 130 or 150 or 242</td>
<td>Allied field: 1 course</td>
</tr>
<tr>
<td>De Paul College: 5 courses</td>
<td>De Paul College: 5 courses</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Junior Year</th>
<th>Senior Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology 330, 2 courses of choice</td>
<td>Biology: 1 course of choice</td>
</tr>
<tr>
<td>*Modern Language 101, 102, 103</td>
<td>Allied Fields: 2 courses</td>
</tr>
<tr>
<td>Allied Fields 2 courses</td>
<td>De Paul College: 4 courses</td>
</tr>
<tr>
<td>De Paul College: 4 courses</td>
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</tbody>
</table>

*Substitute Allied Fields and Electives when the language requirement is completed.

CORE CURRICULUM COURSES

An A, W, Sp. or Su. following the course description means that the course is offered in the Autumn, Winter, Spring or Summer quarters.

201 ENVIRONMENTAL BIOLOGY. History of life, ecology, ecosystem study, and factors in evolution. A.
202 DIVERSITY AND PHYLOGENY OF LIVING SYSTEMS I. Phylogeny of animal kingdom. W.
203 DIVERSITY AND PHYLOGENY OF LIVING SYSTEMS II. Principal division of plant kingdom; plant anatomy. Sp.
307 MAMMALIAN PHYSIOLOGY. Function of the vertebrate organ system emphasizing the mammal. W.
309 PLANT PHYSIOLOGY. Physiology of vascular plants. Sp.
325 GENETICS. Factors regulating species fixation and variation. A.
330 EMBRYOLOGY. Developmental phenomena of animals with emphasis on organogenesis.
ADDITIONAL UNDERGRADUATE COURSES

305  MAMMALIAN ANATOMY. Structure of the mammalian vertebrate. A.

308  PLANT ANATOMY. Structure of cells, tissues, and tissue systems; comparative anatomy of plant organs, with emphasis on gymnosperms and angiosperms. W.


316  INSECT BIOLOGY. Taxonomy, morphology, and physiology of insects.

317  AQUATIC BIOLOGY. Physical, chemical, and biological phenomena in freshwater and marine environments. Experience in field collections; work from research vessels.


328  INVERTEBRATE BIOLOGY. Comparative biology of non-chordate animals. W.

360  PROFESSIONAL STUDY, MEDICAL TECHNOLOGY. Internship in clinical training and study in preparation for a career in medical technology. (Prerequisites: Completion of 135 quarter hours of collegiate work including Program IV and approval of the Department) A, W, Sp, Su.

368  CELLULAR PHYSIOLOGY AND METABOLISM. Physiochemical bases of cell structure and function. W.

370  INTRODUCTION TO IMMUNOLOGY AND SEROLOGY. Basic factors governing immune phenomena and antigen-antibody reactions. A.

GRADUATE COURSES — Certain graduate courses are open to qualified advanced undergraduate students with the approval of the Chairman of the Department. See the Graduate School Bulletin.

FACULTY

Robert C. Thommes, Ph.D., Professor and Chairman
John R. Cortelyou, C.M., Ph.D., Professor
M. A. McWhinnie, Ph.D., Professor
Joseph E. Semrad, Ph.D., Professor
Robert A. Griesbach, Ph.D., Associate Professor
Mary A. Murray, Ph.D., Associate Professor
Daniel G. Oldfield, Ph.D., Associate Professor
Lester Fisher, D.V.M., Adjunct Associate Professor
Danute S. Juras, Ph.D., Assistant Professor
John A. Lamping, Ph.D., Assistant Professor
Dolores J. McWhinnie, Ph.D., Assistant Professor
Robert L. Novak, Ph.D., Assistant Professor
James E. Woods, Ph.D., Assistant Professor
Department of Chemistry

The curriculum in the Department of Chemistry provides students: 1) with a knowledge of chemistry as a part of their cultural and physical environment; 2) with technical facility to become teachers of chemistry or to enter pre-professional programs; and 3) with the preparatory training necessary for graduate study or a profession in chemistry.

PROGRAMS OF CONCENTRATION

The programs outlined below feature flexibility and the greatest possible latitude in the selection of career goals. Possible modifications can be considered on consultation with the chairman.

It is strongly recommended that students majoring in chemistry be enrolled in Chemistry 117 or 130, NSM 113, and Mathematics 131 or 150 during the Autumn Quarter of their freshman year in order to complete any of the undergraduate programs in four years.

Program I. Basic requirements for a B.S. degree that is accredited by the American Chemical Society.
Chemistry: 130, 131, 171, 173, 175, 190, 196, 203, 210, 213, 215, 261, 321, 356, 378 and two four-quarter hour chemistry courses numbered above 300.
Physics: 176, 177, 275 and any two of the following courses — Physics 276, Physics 295, Physics 296 and Mathematics 211. (NSM 113 is strongly recommended.)
German: 101, 102, 103. Students are placed in this sequence on the basis of their high school language background. See the Modern Language section of this bulletin for the placement guide.

Program II. Basic requirements for a B.S. degree with a concentration in Biochemistry.
Chemistry: 117 or 130, 119 or 131, 121 or 171, 123 or 173, 125 or 175, 127 or 190, 196, 203, 213, 215, 261, 321, 340, 341, 342, 343, 356, 378. (210 is recommended.)
Physics: 176, 177, 275. (NSM 113 is strongly recommended.)
Biology: Three four-quarter hour courses selected on consultation with Chairman.
German: Same as Program I.

Program III. Basic requirements for a B.S. degree in chemistry for those students planning careers in allied fields.
Chemistry: 117 or 130, 119 or 131, 121 or 171, 123 or 173, 125 or 175, 127 or 190, 196, 203, 213, 215, 261, 321, 378.
Physics: 176, 177, 275. (NSM 113 is strongly recommended.)
Mathematics: 131, 150, 151, 152.
Language: Three college level quarters of French, Spanish or German or the equivalent. See this bulletin for the placement guide. There is no language requirement for Secondary Education.

Allied Field of Concentrations

a) Environmental Analysis.
   Chemistry: 265, 267, 324, 356, 394 (2 quarter hours).
   Psychology: 368 (Computer Programming)
   (NSM 103 and 301 are strongly recommended.)

b) Secondary Education in Chemistry.
   In addition to the Program III requirements in chemistry, physics and mathematics, the student must complete the requirements for a B.S. degree in Secondary Education. For details see the Education section of this bulletin or contact the Chemistry Department Chairman.
c) Allied Fields in Business or the Professions. A minimum of 22 quarter hours is available for developing a concentration in such fields as Marketing, Economics, Patent Law, Science Writing, etc. In addition, a double major in the area of mathematics or physics can be developed.

Program IV. Integrated B.S. and M.S. Program (5 years). Program III; Chemistry 210 and 356; completion of Graduate School requirements for the M.S. and Graduate School approval beginning of the Junior year.

COURSES — All odd numbered courses, except 399 are assessed a laboratory fee and a breakage fee. All courses carry 4 quarter hours of credit unless otherwise specified.

117 BASIC CHEMISTRY. Chemical principles governing behavior of matter.
119 QUALITATIVE ANALYSIS. Chemical principles related to qualitative analysis of ions in aqueous solutions. (Prerequisite: 117)

121 BIO-ORGANIC CHEMISTRY I. Carbon compounds, especially aliphatic monofunctional types. (Prerequisite: 119 or 131.)
123 BIO-ORGANIC CHEMISTRY II. Continuation of Chemistry 121 with emphasis on functional groups important in biological systems. (Prerequisite: 121)

125 BIO-ORGANIC CHEMISTRY III. Chemistry of products found in natural systems: lipids, carbohydrates, proteins, nucleic acids and enzymes. (Prerequisite: 123)

127 QUANTITATIVE ANALYSIS. Utilization of quantitative nature of chemistry to solve practical problems of analysis. (Prerequisite: 125)

128 QUANTITATIVE ANALYSIS. Lecture course dealing with volumetric and gravimetric quantitative chemical analysis. (Prerequisite: 117 or 130) Offered only in First Day Summer Session.

129 QUANTITATIVE ANALYSIS LABORATORY. Laboratory course dealing with quantitative analysis of unknown samples. 2 hours credit. (Prerequisite: concurrent with Chemistry 128) Offered only in First Day Summer Session.

130 GENERAL CHEMISTRY I. Rigorous introductory course emphasizing basic physical and inorganic chemistry. (Corequisites: Mathematics 150 and Physics 175)
131 GENERAL CHEMISTRY II. Continuation of Chemistry 130. (Prerequisite: 130)

171 MECHANISTIC ORGANIC I. Introduction to organic chemistry: Stereochemistry, free radical substitution and electrophilic addition. (Prerequisite: 131 or consent)

173 MECHANISTIC ORGANIC II. Aromaticity and electrophilic and nucleophilic substitution. (Prerequisite: 171)

175 MECHANISTIC ORGANIC III. Carbamions and the preparation and reactions of many organic compounds including those of biological interest. (Prerequisite: 173)

190 ANALYTICAL EQUILIBRIUM CHEMISTRY. Lecture course dealing with equilibrium involved in quantitative analysis. (Prerequisite: 131 or consent)

196 PHYSICAL CHEMISTRY I. Concepts of heat, work and energy; meaning of enthalpy, free energy, and entropy; equilibrium constants, dependence on temperature; electromotive force of cells. (Prerequisites: 119 or 131; Mathematics 210)

203 ANALYTICAL TECHNIQUES. Lecture and laboratory course involving quantitative chemical analysis. (Prerequisite: 190)

210 PHYSICAL CHEMISTRY II. QUANTUM CHEMISTRY. Electronic structure of atoms and molecules; molecular structure by spectroscopic and diffraction methods. (Prerequisite: 196)

213 PHYSICAL CHEMISTRY III. Relationship between structure and macroscopic properties, surface phenomena, transport processes, electrical conduction, and chemical kinetics. (Prerequisite: 210)

215 PHYSICAL CHEMISTRY IV. Thermodynamics of solutions and phase equilibria; gas laws; electrochemistry; kinetics. (Prerequisite: 213)

261 INSTRUMENTAL ANALYSIS. Lecture and laboratory course which involves modern instrumentation in chemical analysis. (Prerequisite: 215)

265 CHEMISTRY OF AIR POLLUTANTS. The chemical interactions of air pollutants and our natural gaseous environment. Laboratory: analysis of ambient air pollutants. (Prerequisite: 127 or 203, and 125 or 175). Offered in the Spring Quarter of even-numbered years.

267 AQUEOUS CHEMISTRY. The chemical interactions of water pollutants in our natural aqueous environment. Laboratory: analysis of contiguous waterways. (Prerequisite: 127 or 203, and 125 or 175). Offered in the Spring Quarter of odd-numbered years.

320 ADVANCED INORGANIC CHEMISTRY I. Theories of bonding are developed in understanding chemistry and structure of inorganic compounds of primarily non-transition group elements. (Corequisite: 210)

324 SYNTHETIC INORGANIC CHEMISTRY. This lecture and laboratory course will emphasize the descriptive aspects of synthesis, structure and reactions of metal ligand compounds of general and biological interest. (Prerequisite: 125 or 175)

322 ADVANCED INORGANIC CHEMISTRY II. Theories of bonding as applied to the chemistry of transition group elements. (Prerequisite: 320)

324 SOLID WASTE CHEMISTRY. A look at the fundamental chemical processes involved in the processing of solid wastes; high temperature chemistry. (Prerequisite: 196, 321). Offered in the Spring Quarter of odd-numbered years.

330 SYNTHETIC ORGANIC REACTIONS. Review of some organic reactions utilized in synthetic research. (Prerequisite: 125 or 175)
340 BIOCHEMISTRY I. Structure, function, and synthesis of proteins and nucleic acids. (Prerequisite: 125 or 175)
341 EXPERIMENTAL BIOCHEMISTRY I. Techniques for studying the composition, sequence, molecular weight and conformation of proteins and nucleic acid. 2 quarter hours. (Corequisite: 340)
342 BIOCHEMISTRY II. Biochemical thermodynamics, enzyme kinetics, and enzyme mechanism. (Prerequisite: 340)
343 EXPERIMENTAL BIOCHEMISTRY II. Experiments in enzyme kinetics, cell membranes, natural products, and biochemical applications of computers. 2 quarter hours. (Prerequisite: 341)
350 ADVANCED ORGANIC CHEMISTRY I. Structural organic chemistry in light of current principles: molecular orbital theory, resonance theory, hybridization, steric and electronegativity effects, etc. (Prerequisite: 175 and 196—Corequisite: 210)
352 ADVANCED ORGANIC CHEMISTRY II. Interactions between organic systems; thermodynamics, kinetics, solvent and isotope effects, acids and bases, stereochemistry, etc. (Prerequisite: 350)
356 SPECTRAL INTERPRETATION. Analysis and interpretation of the different types of spectra obtained from organic compounds. (Prerequisite: 125 or 175)
370 ADVANCED PHYSICAL CHEMISTRY I. Brief review of thermodynamic functions; use of free energy function; treatment of non-ideal systems of non-electrolytes; thermodynamics of gas-liquid chromatography. (Prerequisite: 215)
372 ADVANCED PHYSICAL CHEMISTRY II. Modern theories and experimental techniques in kinetics; applications to reaction mechanisms and physical processes. (Prerequisite: 370)
374 SELECTED TOPIC IN PHYSICAL CHEMISTRY. Any special topic in physical chemistry, e.g., surface chemistry, polymers, statistical mechanics, quantum chemistry, etc. 2 quarter hours. (Prerequisite: Consent)
376 POLYMER CHEMISTRY. Polymerization kinetics; composition, structure, size, conformation and physical properties. (Prerequisite: 372)
378 ENVIRONMENTAL ANALYSIS. A discussion of the causes and effects of pollutants in our environment. 2 quarter hours. (Prerequisite: 125 or 175)
394 SEMINAR. Formal and/or informal discussions on topical subjects in chemistry. 1 quarter hour. (This course may be repeated for credit) (Prerequisite: Consent)
398 READING AND RESEARCH. Acquiring skills in library and laboratory chemical research techniques. Variable credit. (Prerequisite: Consent)
399 INDEPENDENT STUDY. Expanding one's background in chemistry on an informal basis by individual consultation with departmental staff. Variable credit. (Prerequisite: Consent)

FACULTY
Fred W. Breitbeil, III, Ph.D., Chairman, Associate Professor
William R. Pastecznyk, Ph.D., Professor
Avrom A. Blumberg, Ph.D., Associate Professor
Sanat K. Dhar, Ph.D., Associate Professor
Franklin S. Prout, Ph.D., Associate Professor
Jurgis A. Anyssas, Ph.D., Assistant Professor
Edwin F. Meyer, Ph.D., Assistant Professor
Thomas J. Murphy, Ph.D., Assistant Professor
Robert L. Novak, Ph.D., Assistant Professor
Sara J. Steck, Ph.D., Assistant Professor
Catherine L. Pokorny, M.S., Laboratorian
Department of Economics

Economics studies the manner in which relatively scarce resources are utilized to satisfy the material wants of men. The curriculum is aimed at developing in the student a thorough understanding of the economic world in which we live. Intelligent and responsible citizenship in a democratic society requires that we have a knowledge of the major economic issues which face our society; problems associated with unemployment, inflation, automation, economic growth, and international economic relations must be understood before they can be solved. An understanding of the problems facing individual economic units—the firm, the household, the supplier of economic resources— is essential if one is to operate successfully in the business world.

In addition to a general program, the department has developed specialized programs for those planning to enter the business or financial community, to attend Law School, or to become professional Economists and/or undertake graduate work in Economics upon completion of their undergraduate studies.

PROGRAMS OF CONCENTRATION

Major Concentration

All majors, except pre-law, are required to take Economics 103, 104, 305, 306, and seven courses chosen with their advisor's assistance. Pre-law students are required to take Economics 103, 104, and nine courses chosen with their advisor's assistance.

Allied Fields

1. Pre-law students are required to take two courses in mathematics. All other majors are required to take four courses in mathematics including Economics 242 or its equivalent.

2. Modern foreign language necessary to fulfill the requirements of the College of Liberal Arts and Sciences. If a student is not required to take the prescribed maximum number of such courses, he must seek his advisor's assistance in choosing substitutes from among courses offered by other departments in the College of Liberal Arts and Sciences.

3. Electives chosen with advisor's assistance. These courses must be chosen from among the course offerings of the following departments: Economics, Political Science, Psychology, Sociology, Accounting, Business Law, Finance, Management, Marketing, Real Estate.

GENERAL AND SPECIALIZED PROGRAMS: RECOMMENDED COURSES

Economics — General

Economics 210, 212, 215, 240, 242, 318, 360, 361; Political Science 103, 104; Psychology 105, 305; Sociology 201, 303; Mathematics 130, 131, 150.

Economics — Business (These courses will also satisfy the prerequisites necessary for admission to most Graduate Schools of Business).

Economics 210, 212, 215, 242, 318, 359, 360, 361; Accounting 101; Business Law 201; Finance 101; Management 101; Marketing 101; Sociology 201; Mathematics 130, 131, 150.

Economics — Pre-Law

The following courses are recommended for the four-year program. The advisor's assistance should be sought in adapting these recommendations for a three-year program. Economics 210, 212, 215, 216, 217, 306, 318, 330, 361; Accounting 101; Business Law 201, 202; Real Estate 101; Political Science 103, 104; Psychology 105; Sociology 201; Mathematics 130, 131.
Economics — Professional Economist

Economics 215, 240, 242, 318, 359, 361, 375, 380; Psychology 105; Finance 323, 332; Mathematics 130, 131, 150, 151, 152, 220.

Sample Program in Economics: General

Freshman Year
Economics 103
Mathematics: 3 courses based on proficiency
Language and/or Electives: 2 courses
De Paul College: 5 courses

Junior Year
Economics 305, 306, one course of choice
Allied Fields and Electives: 3 courses
De Paul College: 5 courses

Sophomore Year
Economics 104 and two 200-level courses of choice
Statistics
Language and/or Electives: 2 courses
De Paul College: 6 courses

Senior Year
Economics: 4 courses of choice
Allied Fields and Electives: 5 courses of choice
De Paul College: 2 courses

Courses — All courses carry four hours credit.
103 PRINCIPLES I. INTRODUCTION TO ECONOMICS. Economic organization of society. Basic analysis of national income.
104 PRINCIPLES II. ECONOMICS OF THE MARKET PLACE. Determination of prices and distribution of income. (Prerequisite: 103)
210 ECONOMICS OF THE URBAN ENVIRONMENT. Applies economic analysis to urban environmental problems. (Prerequisite: 103)
212 SOCIAL CONTROL OF BUSINESS. Study of economic relationships between government and private enterprise. (Prerequisite: 104)
215 INTRODUCTION TO MONEY AND BANKING. Examines money and the American banking structure. (Prerequisite: 104)
216 EUROPEAN ECONOMIC HISTORY. Impact of economic institutions on European history. (Prerequisite: 104)
217 AMERICAN ECONOMIC HISTORY. Impact of economic institutions on American history. (Prerequisite: 104)
240 DEVELOPMENT OF ECONOMIC THOUGHT. Examination of important concepts in the history of economic doctrine. (Prerequisite: 104)
242 STATISTICS FOR ECONOMICS. Tools of statistical inference used by the quantitative economist. (Prerequisite: 104)
305 PRICING AND DISTRIBUTION ANALYSIS. (Formerly 205) Detailed analysis of microeconomic theory. (Prerequisite: 104)
NATIONAL INCOME ANALYSIS. Study of economic aggregates: income, output, employment, and growth. (Prerequisite: 104)

LABOR ECONOMICS AND ORGANIZATION. Examines, historically and theoretically, problems confronting labor groups. (Prerequisite: 104)

ECONOMIC TEACHINGS OF THE ENCYCLICALS. Examines social encyclicals having application to modern economic problems. (Prerequisite: 104)

THE ECONOMICS OF POVERTY. Examines both institutionally and analytically, economic basis of poverty. (Prerequisite: 104)

THE ECONOMICS OF SOCIALISM. Fundamental economic relationships under Socialist forms of organization. (Prerequisite: 104)

THE THEORY OF ECONOMIC DEVELOPMENT. Introduction to more important theories of economic growth. (Prerequisite: 104)

ECONOMICS OF UNDERDEVELOPED COUNTRIES. Applies analytical economic skills to specific problems of underdeveloped countries. (Prerequisite: 104)

INTERNATIONAL TRADE. Study of international trade theory and policy. (Prerequisite: 104)

INTRODUCTION TO ECONOMETRICS I. Use and interpretation of quantitative data in economics. (Prerequisite: 104 and Statistics)

INTRODUCTION TO ECONOMETRICS II. Examines specific problems in interpreting economic data. (Prerequisite: 375)

MATHEMATICS FOR ECONOMICS AND BUSINESS I. Basic competency in the use of mathematics in economics and business. (Prerequisite: 104)

MATHEMATICS FOR ECONOMICS AND BUSINESS II. Extension of Economics 380. (Prerequisite: 380)

FACULTY

James J. Diamond, Ph.D., Professor and Chairman
Francis J. Brown, Ph.D., Professor
Robert W. Faulhaber, Ph.D., Professor
William A. Hayes, Ph.D., Professor
William R. Waters, Ph.D., Professor
James E. Clecka, Ph.D., Assistant Professor
Joseph S. Giganti, Ph.D., Assistant Professor
Adolph E. Mark, Ph.D., Assistant Professor
Anthony C. Perito, M.B.A., Assistant Professor
H. Woods Bowman, Ph.D., Lecturer
Richard B. Chalecki, M.A., Ed.D., Lecturer
Garland C. Guice, B.S.C., Lecturer
Edward W. Hair, B.A., Lecturer
James A. Hartshorn, M.B.A., M.Ed., Lecturer
Burton M. Mendelson, M.B.A., Lecturer
Department of English

Courses in the English Department are designed to develop the student's proficiency in written communication; to make him familiar with major ideas, forms and personalities in literature, especially English and American; and to develop in him a critical appreciation of literature. In fulfilling these aims the English Department will prepare students for graduate study and for professional work in the field of English as well as for the future enjoyment of literary works.

PROGRAMS OF CONCENTRATION

Program I. Major Concentration. For undergraduates in the College of Liberal Arts and Sciences:
A minimum of fifty-two quarter hours of course work in English is required for graduation:
Required courses: English 200, 220, 310, 320, 328, 330, 340.
Two American literature courses to be chosen from English 360, 361, 363.
Electives: Four English electives.
Seniors maintaining a "B" average in English may register in 400-level English courses for their electives, subject to approval of the Department Chairman.

Program II. Major Concentration. For undergraduates in the School of Education:
A minimum of fifty-two quarter hours in English is required for graduation.
Required courses: English 200, 220, 301, 310, 320, 328, 330, 340.
Three American literature courses: 360, 361, and one American literature to be chosen from English 363, 365, 366, 368.
Electives: Two English electives (English 302 is highly recommended for prospective teachers.)
See School of Education section of this bulletin for education requirements.

Allied Fields

All English majors will be required to have some competency in a foreign language. This competency may be shown by a minimum of 12 quarter hours of college credit, by an equivalent amount of high school credit, or by a mixture of both; or by any other evidence of competency acceptable to a department of modern languages. Students in the College of Liberal Arts and Sciences should consult the placement guide in the Modern Languages section of this bulletin.

All English majors will be required to take some course work in fields related to English in order to broaden their knowledge of the social, philosophic, religious, and aesthetic backgrounds of literature. For this purpose each student will choose, under the guidance of an English Department advisor, courses from the following departments to total at least 24 quarter hours:

1) Speech 203-Oral Interpretation is required; Theatre and Debate courses are recommended.
2) Foreign Languages — beyond the minimum requirement.
3) History — especially of countries and periods related to the student's main literary interests.
4) Philosophy — especially History of Philosophy and Philosophy of language courses.
5) Fine Arts
6) Theology, especially courses relating theology to art or literature.

A student looking forward to some definite professional use of English may, under his advisor's direction, take courses in departments not named above. Students in the School of Education may have their professional courses counted as an allied field.
### Sample Program in English Program I

#### Freshman Year
- English 200 & 220
- Language* 101, 102, 103
- De Paul College: 6 courses

#### Sophomore Year
- English 328 and two of the required 300-level courses
- Allied Fields & Electives: 1 course
- De Paul College: 6 courses

#### Junior Year
- English: 4 remaining 300-level requirements
- Allied Fields & Electives: 3 courses
- De Paul College: 4 courses

*Substitute Allied Fields & Electives when the language requirement is completed.

#### Senior Year
- English: 4 electives
- Allied Fields & Electives: 6 courses
- De Paul College: 2 courses

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**COURSES**

- English majors should take English 200 and 220 before entering 300-level Literature courses.
- All courses except 301 carry 4 hours credit.

1. **FUNDAMENTALS OF WRITTEN COMMUNICATION.** Continual drill in mechanics of grammar and writing of expository papers.
2. **EXPOSITORY WRITING.** Study and practice of various forms of exposition. (Required of ROTC students but open to others. Cross-listed with M.S. 205.)
3. **COMMUNICATIONS MEDIA I.** Major emphasis on newspapers and periodicals.
4. **COMMUNICATIONS MEDIA II.** Major emphasis on radio and television.
5. **COMMUNICATIONS MEDIA III.** Major emphasis on cinema and the arts.
6. **UNDERSTANDING LITERATURE.** Literary criticism and explanation of selected works from the major literary genres.
7. **ADVANCED COMPOSITION.** Developing writing skills, whether expository, argumentative, descriptive, or narrative.
8. **ADVANCED THEORY AND PRACTICE OF COMPOSITION.** Especially for prospective high school English teachers. 5 hours credit.
10. **ENGLISH LANGUAGE STUDIES FOR ELEMENTARY TEACHERS.** For Elementary Education majors only.
11. **CREATIVE WRITING.** Regular writing of original manuscripts. Critical guidance by an instructor in individual and group discussions.
12. **ENGLISH LITERATURE TO 1500.** Survey from Beowulf to Malory.
13. **CHAUCER AND LANGLAND.** Selections from major works of both.
14. **MEDIEVAL AND TUDOR DREAMS.** Drama from Quem Queritis to pre-Shakespearean works of Heywood, Norton and Sackville.
15. **STUDIES IN MEDIAEVAL LITERATURE.** (Check current schedule of classes for specific listing of subject matter to be treated.)
16. **ENGLISH RENAISSANCE LITERATURE.** Major poets and prose writers, 1500-1660.
17. **ELIZABETHAN AND JACOBEAN DRAMA.** Textual study of non-Shakespearean drama.
18. **SHAKESPEARE.** Analysis of approximately ten representative plays.
19. **STUDIES IN RENAISSANCE LITERATURE.** (Check current schedule of classes for specific listing of subject matter to be treated.)
20. **RESTORATION AND 18th CENTURY LITERATURE.** Survey of principal poets and prose writers, 1660-1800.
21. **RESTORATION AND 18th CENTURY DRAMA.** Major dramatists, 1660-1800.
22. **STUDIES IN RESTORATION AND 18th CENTURY.** (Check current schedule of classes for specific listing of subject matter to be treated.)
23. **19th CENTURY ENGLISH LITERATURE.** Principal poets and prose writers of 19th century England.
24. **ENGLISH ROMANTIC MOVEMENT.** Detailed study of representative authors.
25. **THE VICTORIAN AGE.** Detailed study of movements and authors.
26. **19th CENTURY ENGLISH NOVEL.** Detailed study of representative novelists.
27. **MODERN ENGLISH POETRY.** Analytical survey of chief British poets.
28. **MODERN ENGLISH FICTION.** Intensive study of a limited number of outstanding novelists.
29. **MODERN ENGLISH AND IRISH DRAMA.** Discussion of types, techniques and themes from Shaw to the present.
30. **AMERICAN LITERATURE TO 1830.** The Puritan, Federalist and pre-Romantic periods.
31. **AMERICAN LITERATURE, 1830-1890.** The Romantic and Realistic periods.
32. **AMERICAN LITERATURE, 1890 TO THE PRESENT.** Major emphasis on literature before 1930.
33. **MODERN AMERICAN NOVEL.** Modern American fiction from 1930 to the present.
34. **20th CENTURY AMERICAN POETRY.** Major trends and representative poets of the modern period.
STUDIES IN SELECTED AFRO-AMERICAN AUTHORS. Survey of the Black man's ideas and expressions in the literary arts.

STUDIES IN SELECTED AMERICAN AUTHORS. (Check current schedule of classes for specific listing of subject matter to be treated.)

CONTEMPORARY LITERARY CRITICISM. Contemporary critical theories and their relation in historical context to problems of literary interpretation and judgment.

HISTORICAL DEVELOPMENT OF A LITERARY GENRE—SHORT STORY, NOVEL, POETRY, BIOGRAPHY, etc. (Check current schedule of classes for genre to be treated.)

MASTERPIECES OF WORLD LITERATURE I: BEGINNINGS TO 1600. Representative authors and works from Homer to Rabelais.

MASTERPIECES OF WORLD LITERATURE II: 1600 TO THE PRESENT. European literature since the Renaissance, excluding British and American.

MODERN EUROPEAN FICTION. Analysis of selected novels including Italian, French, German and Russian masterpieces in translation.

COMPARATIVE DRAMA I. European drama before 1900 (excluding English).

COMPARATIVE DRAMA II. World drama since 1900, excluding British and Irish.

STUDIES IN COMPARATIVE LITERATURE. (Check current schedule of classes for specific listing of subject matter to be treated.)

AMERICAN LITERATURE SEMINAR. For school of Education English majors only. 1 hour.

INDEPENDENT STUDY. Students need written permission of the Chairman of the Department.

FACULTY

Margaret M. Neville, Ph.D., Professor and Chairman
Bernard A. Brunner, Ph.D., Professor
William J. Feeney, Ph.D., Professor
Rev. James F. Larkin, C.S.V., Ph.D., Professor
John P. Masterson, Ph.D., Professor
Philip H. Vitale, Ph.D., Professor
Patricia Ewers, Ph.D., Associate Professor
Rev. Jeremiah Lehane, C.M., Ph.D., Associate Professor
Lavon Rasco, Ph.D., Associate Professor
Frank Sherman, Ph.D., Associate Professor
Rev. John Smith, C.M., M.A., Associate Professor
Frederick I. Tietze, Ph.D., Associate Professor
Louise Erlich, M.A., Assistant Professor
Rev. Thomas Jordan, C.M., M.A., M.S., Assistant Professor
Ellin M. Kelly, Ph.D., Assistant Professor
Marilyn Kennedy, M.S.J., Assistant Professor
John E. Price, Ph.D., Assistant Professor
Lawrence A. Ragland, M.A., Assistant Professor
Rachael Romano, M.A., Assistant Professor
Stanley J. Damberger, M.A., Assistant Professor
Zahava K. Dorinson, M.A., Instructor
Margaret M. Dougherty, M.A., Instructor
William Wengert, M.A., Instructor
Edward Aronson, M.A., Lecturer
Department of Geography

The geography curriculum: (1) gives the undergraduate student majoring in geography an introduction to the scope, techniques, and significance of the subject; (2) provides the general student with one increasingly important ingredient of a liberal education; (3) assists especially students of other disciplines where a knowledge of geographical distributions and relationships is necessary to a thorough understanding of their basic fields of interest; and (4) meets the need of prospective teachers for required course work in the social and natural sciences.

PROGRAM OF CONCENTRATION

A minimum of 36 quarter hours of coursework in geography is required of all majors. The mandatory courses are 100, 101, 106 or 107 or 110, 340 and 395. Four additional courses in geography are selected in consultation with the Department advisor. Majors are required to have a minimum of 44 quarter hours in allied fields such as education, sociology, economics, political science, history, and biology, or from other disciplines selected after consultation with the student's advisor. Students must also meet the requirements of the College in which they are earning their degree.

SAMPLE PROGRAM

_Freshman Year_  
Geography 100, plus 106 or 107 or 110  
Allied Fields and Electives: 1 course  
De Paul College: 6 courses.

_Junior Year_  
Geography 340 and 2 courses of choice  
Allied Fields and Electives: 4 courses  
De Paul College: 6 courses.

_Sophomore Year_  
Geography 101 and 1 course of choice  
Allied Fields and Electives: 3 courses  
De Paul College: 4 courses.

_Senior Year_  
Geography 395 and 1 course of choice  
Allied Fields and Electives: 6 courses  
De Paul College: 2 courses.

COURSES — All courses carry 4 hours credit unless otherwise specified.

100  NATURE OF GEOGRAPHY. Relevant role and concepts of contemporary geography.
101  INTRODUCTION TO PHYSICAL GEOGRAPHY. Origin and variety of natural environment.
106  FOODS, FIBERS, FORESTS AND FAMINE. Factors affecting ability of the earth to satisfy needs of rapidly expanding population.
107  GEOGRAPHY OF MANUFACTURING. Origin and development of industrial regions, industrial location.  
     theory, and transportation industries.
110  GEOGRAPHY OF MAN AND HIS CULTURE. Global distribution of man and his cultural features.
124  THE UNITED STATES AND CANADA: A GEOGRAPHIC SURVEY. Major themes in the physical, economic and human geography of the United States and Canada.
125  ELEMENTS OF GEOLOGY. Natural forces shaping the earth's surface, including a historical perspective of its past.
201  GEOGRAPHY OF WORLD AFFAIRS. International problems of today based upon analyses of their geographic backgrounds. (Cross-listed with M.S. 201.)
225  WEATHER, CLIMATE AND MAN. Atmospheric elements and the relationship between climatic conditions and human activity.
301  INTRODUCTION TO OCEANOGRAPHY. Formation and exploration of the oceans and their political and economic significance.

Courses from 311 through 327 are detailed regional appraisals of the geographic phenomena within the area considered. Stressed is the complex of cultural and physical features — their nature, distribution and interrelationship significant to the population. Global interest in and concern with the various countries are developed through analyses of their principle problems, including population density and composition, economic development, and international relationships.
311 PATTERNs OF THE PACIFIC
312 ARAB AFRICA AND THE MIDDLE EAST
313 BLACK AFRICA, A CONTINENT IN TRANSITION
314 INDIA, PAKISTAN AND SOUTHEAST ASIA
315 THE FAR EAST
316 WESTERN EUROPE
317 EASTERN EUROPE AND THE SOVIET UNION
321 THE CHICAGO METROPOLITAN AREA. Extensive field trips make possible on-the-spot study of local phenomena of major importance in analyzing Chicago's urban geography. (Transportation fee required.)
322 EASTERN UNITED STATES AND CANADA
323 WESTERN UNITED STATES AND CANADA
326 MAN AND LAND IN THE CARIBBEAN
327 MAN AND LAND IN SOUTH AMERICA
333 THE CITY: PROBLEMS AND PLANNING. Development of cities as geographic forms and the role of City Planning in preventing or solving urban problems.
335 POLITICAL GEOGRAPHY. Basic factors influencing man's political organization of space.
340 MAPS AND MAN. Preparation and interpretation of maps, charts, and globes; explanation of their vital importance in the modern world. (Cross-listed with M.S., 340.)
354 CONTEMPORARY METHODS IN THE TEACHING OF GEOGRAPHY. The unique role of geography for teachers in elementary and secondary schools. (May be taken for Education credit as Education 354.)
370 RECREATIONAL GEOGRAPHY. The changing use and management of recreation facilities in the rural and urban landscape. Stress principles of recreation location via fieldwork.
395 SEMINAR IN SELECTED GEOGRAPHIC TOPICS. Upper-division seminar concerned with the study of selected geographic problems. (Prerequisite: Course 100 and/or consent of the instructor.)
398 INDEPENDENT READING AND RESEARCH. Intensive study of a topic of special interest. Private conferences permit discussion with instructor of supervised reading and research. (Prerequisites: Junior or Senior standing and consent of the instructor.) Variable credit.

FACULTY
Richard J. Houk, Ph.D., Chairman and Professor
Jane E. Ratcliffe, Ph.D., Assistant Professor
Gerald W. Ropka, M.A., Assistant Professor
Donald R. Dewey, M.A., Instructor
Joann Bray, M.A., Lecturer
Lorin R. Contescu, Ph.D., Lecturer
Pierre de Vise, M.A., Lecturer
Albert J. Larson, Ph.D., Lecturer
Rutherford H. Platt, M.A., Lecturer
Department of History

The courses offered in this department are intended to provide a broad acquaintance with the past experiences of human society. The Department of History offers the student an opportunity to participate in and investigate the procedures and methods of historical study through lectures, discussions, research, and the writing of history; or, combined with the necessary academic credits in education, the program will provide certification for teaching at the secondary level.

PROGRAM OF CONCENTRATION

Major Concentration
All history majors are required to take a minimum of twelve courses (48 quarter hours) as follows:

1) History 210, 211, 212 (This Western Civilization sequence is prerequisite to all 300 level courses for history majors.)
2) One 3-quarter course sequence chosen from one of the following categories:
   a) Survey Courses: 213, 214, 215 or 216, 217, 218; or 222, 223, 224
   b) Early European: 320, 321, 329, 330, 331
   c) Later European: 331, 332, 333, 334, 335
   d) European National and Regional: 355, 356, 357, 358, 359
   e) English History: 328, 343, 344, 345, 346
   g) Early American: 370, 371, 372, 373
   h) Later American: 373, 374, 375, 376
   i) American Political: 380, 381, 382, 383, 384, 385, 391
3) Five additional courses from the categories listed under 2) above, with no more than one chosen from each category.
4) History 397—Coordinating Seminar

Allied Fields and Electives
History majors should carefully plan a program of supporting and elective courses to complement the major concentration, with the help of their advisors. Particularly recommended are courses in political science (especially political theory), economics, geography, sociology, and literature in any language offered by the university. Other courses might be accepted by the department to meet the individual needs of the student.

No credit in a foreign language is required, but most students will be advised to acquire reading proficiency in one language other than English. Students earning a degree from the College of Liberal Arts and Sciences must meet the language requirement of that college.

SAMPLE PROGRAM IN HISTORY

Freshman Year
History 210, 211, 212
Allied Fields or elective Language: 3 courses
DePaul College: 6 courses

Junior Year
History: 3 courses of choice
Allied Fields & Electives: 4 courses
De Paul College: 4 courses

Sophomore Year
History: 3 courses of choice or 213, 214, 215 if advised
Allied Fields or elective Language: 3 courses
DePaul College: 6 courses

Senior Year
History 399 and 2 courses of choice
Allied Fields or Electives: 5 courses
De Paul College: 2 courses
COURSES — All courses carry 4 hours credit.
202 ANCIENT GREECE: PRE-MYCENAEAN PERIOD TO ALEXANDER
203 ANCIENT ROME: FOUNDATION OF ROME TO JUSTINIAN
210 WESTERN CIVILIZATION, TO 1500
211 WESTERN CIVILIZATION, 1500 TO 1715
212 WESTERN CIVILIZATION, 1715 TO PRESENT
213 UNITED STATES HISTORY, 1607 TO 1824
214 UNITED STATES HISTORY, 1824 TO 1890
215 UNITED STATES HISTORY, 1890 TO PRESENT
216 AFRO-AMERICAN HISTORY, TO 1750
217 AFRO-AMERICAN HISTORY, 1750-1860
218 AFRO-AMERICAN HISTORY, SINCE 1860
221 STUDIES IN MEDIEVAL CHRISTIAN THOUGHT
222 (Formerly 223) AFRICAN HISTORY, TO 1650
223 (Formerly 224) AFRICAN HISTORY, 1650-1870
224 (Formerly 225) AFRICAN HISTORY, SINCE 1870
234 TOPICS IN AFRICAN HISTORY
320 EARLY MEDIEVAL HISTORY, 284-1000
321 LATER MEDIEVAL HISTORY, 1000-1450
328 ENGLISH CONSTITUTIONAL HISTORY TO 1485
329 THE RENAISSANCE, 1400-1650
330 THE PROTESTANT REFORMATION, 1450-1648
331 OLD REGIME IN EUROPE, 1648-1789
332 FRENCH REVOLUTION AND NAPOLEON, 1789-1815
333 EUROPE FROM METTERNICHS TO BISMARCK, 1815-1870
334 EUROPE IN THE AGE OF GERMAN ASCENDANCY, 1870-1914
335 EUROPE SINCE 1914
343 ENGLAND UNDER THE TUDORS, 1485-1603
344 ENGLAND UNDER THE STUARTS, 1603-1714
345 MODERN BRITAIN, 1715-1870
346 MODERN BRITAIN, SINCE 1870
355 HISTORY OF RUSSIA TO 1905
356 HISTORY OF RUSSIA SINCE 1905
357 HISTORY OF SPAIN
358 HISTORY OF EASTERN EUROPE SINCE 1900
359 HISTORY OF THE BALKAN PENINSULA SINCE 1900
360 EUROPEAN CHURCH HISTORY
361 COLONIAL INSTITUTIONS IN LATIN AMERICA
362 REVOLUTIONARY PERIOD IN LATIN AMERICA
363 REPUBLICS OF LATIN AMERICA
364 DICTATORS AND CAUDILLISMO IN LATIN AMERICA
365 HISTORY OF MEXICO: COLONIAL PERIOD TO PRESENT
366 INTER-AMERICAN COOPERATION, 1826 TO PRESENT
367 THE UNITED STATES AND THE CARIBBEAN
370 UNITED STATES: COLONIAL FOUNDATIONS TO 1760
371 UNITED STATES: BIRTH OF THE REPUBLIC, 1760-1800
372 UNITED STATES: EARLY NATIONAL PERIOD, 1800-1860
373 UNITED STATES: CIVIL WAR AND RECONSTRUCTION, 1860-1877
374 UNITED STATES: EMERGENCE OF MODERN AMERICA, 1877-1914
375 UNITED STATES: THE MODERN AGE, 1914-1945
376 UNITED STATES SINCE 1945
377 UNITED STATES SOCIAL AND INTELLECTUAL HISTORY TO 1800
378 UNITED STATES SOCIAL AND INTELLECTUAL HISTORY IN THE 19TH CENTURY
379 UNITED STATES SOCIAL AND INTELLECTUAL HISTORY IN THE 20TH CENTURY
380 UNITED STATES CONSTITUTIONAL HISTORY TO 1815
381 UNITED STATES CONSTITUTIONAL HISTORY, 1815-1920
382 UNITED STATES CONSTITUTIONAL HISTORY SINCE 1920
383 UNITED STATES FOREIGN RELATIONS, 1783-1860
384 UNITED STATES FOREIGN RELATIONS, 1860-1914
385 UNITED STATES FOREIGN RELATIONS SINCE 1914
387 INTELLECTUAL THOUGHT OF THE BLACK MAN
388 THE BLACK RELIGIONISTS
389 TOPICS IN AFRO-AMERICAN HISTORY
390 HISTORY OF IMMIGRATION AND MINORITIES IN THE UNITED STATES
391 AMERICAN POLITICAL PARTIES
392 THE HARLEM RENAISSANCE
397 COORDINATING SEMINAR. Open only to seniors majoring in history.
399 INDEPENDENT STUDY (Prerequisite: Junior standing; approval of instructor and chairman.)
FACULTY
Robert F. Fries, Ph.D., Professor and Chairman
Joseph H. Lehmann, Ph.D., Professor
Martin J. Lowery, Ph.D., Professor
Ralph J. Mailliard, Ph.D., Professor
Albert Erlebacher, Ph.D., Associate Professor
Sholom S. Singer, Ph.D., Associate Professor
Arthur W. Thurber, Ph.D., Associate Professor
Donald J. Abramson, Ph.D., Assistant Professor
Bernadine S. Pietraszek, Ph.D., Assistant Professor
Cornelius Sippel, Ph.D., Assistant Professor
Robert Garfield, M.A., Instructor
Joseph Viditch, M.A., Instructor
Joseph Franklin, M.A., Lecturer
Edwin J. Harrington, M.A., Lecturer
Joseph T. Keenan, M.A., Lecturer
James P. Martin, M.A., Lecturer
Ibero-American Studies

The Ibero-American Studies Program is designed to provide empathy with those republics which share with ours the word American and a common European heritage. The student will be involved in a critical, comprehensive view of the similarities, contrasts, and interrelations of their past experiences, their Iberian Old World traditions and their impact upon Anglo-Saxon America. It will be the purpose of the program to provide interdisciplinary knowledge on Latin America and the Iberian Peninsula for direct involvement through a career in education, commerce or diplomacy.

To prepare for teaching, social, apostolic or economic work in the United States, the program will train the student who will be involved with peoples whose culture has been formed out of Latin American traditions. Furthermore, an Ibero-American Studies major will enable the student to pursue graduate studies in the Latin American fields.

The program is under the direction of an interdisciplinary committee which determines the major and allied requirements. Committee members serve as faculty advisors. Students interested in this major should consult the Chairman of the faculty Committee.

PROGRAMS OF CONCENTRATION

Each student's program is individually planned and may be oriented to Latin America or the Iberian Peninsula. The program consists of an interdisciplinary concentration in History, Spanish Literature, Geography, Economics, Sociology and Political Science. Linguistic skills up to the level of Spanish 106 will be presumed and not be part of the Ibero-American major. Students not possessing the necessary linguistic skills may include the elementary and intermediate Spanish courses in their allied fields or electives.

SAMPLE PROGRAM IN IBERO-AMERICAN STUDIES

**Freshman Year**
- Ibero Major: 3 courses
- Language or Allied Fields: 3 courses
- De Paul College: 6 courses

**Junior Year**
- Ibero Major: 3 courses
- Language or Allied Fields: 5 courses
- De Paul College: 4 courses

**Sophomore Year**
- Ibero Major: 3 courses
- Language or Allied Fields: 3 courses
- De Paul College: 6 courses

**Senior Year**
- Ibero Major: 3 courses
- Allied Fields and Electives: 4 courses
- De Paul College: 2 courses

PRINCIPAL COURSES

**History**
- 357 HISTORY OF SPAIN. From early beginnings through contemporary period.
- 361 COLONIAL INSTITUTIONS IN LATIN AMERICA. Spanish and Portuguese colonial systems and institutions.
- 362 REVOLUTIONARY PERIOD IN LATIN AMERICA. Enlightenment and causes behind revolts together with studies of foreign intervention.
- 363 REPUBLICS OF LATIN AMERICA. Rise of national states; domestic and foreign problems; growth of liberalism, conservatism, socialism and communism.
- 364 DICTATORS AND CAUDILLISMO IN LATIN AMERICA. Study of causes, characteristics and effects of dictatorship.
- 365 HISTORY OF MEXICO: COLONIAL PERIOD TO PRESENT. Study of conquest, colonization, independence, early republic and Revolution of 1910; emergence of Modern Mexico.
- 366 INTER-AMERICAN COOPERATION, 1826 TO PRESENT. Development of Pan-American concept from the Congress of Panama in 1826 to Alliance for Progress and Organization of American States.
- 367 THE UNITED STATES AND THE CARIBBEAN. History of Caribbean from colonial times to the present with special emphasis of role played by the United States.

**Geography**
- 320 IBERIAN PENINSULA. Comprehensive study of Spain and Portugal. Stress upon geography and current geopolitical and economic problems.
- 326 MAN AND LAND IN THE CARIBBEAN. Study of entire Caribbean area, its geographic and economic problems.
- 327 MAN AND LAND IN SOUTH AMERICA. Analysis of problems with the various Latin American republics including political and cultural consideration.
Spanish
301 INTRODUCTION TO SPANISH LITERATURE I. Middle Ages through Renaissance.
302 INTRODUCTION TO SPANISH LITERATURE II. Renaissance to the present.
303 LATIN AMERICAN LITERATURE AND CULTURE I. From discovery of America to Wars of Independence.
304 LATIN AMERICAN LITERATURE AND CULTURE II. From 1810 to present.
305 LATIN AMERICAN NOVEL. From 18th Century to present.
306 CONTEMPORARY LATIN AMERICAN LITERATURE.
307 HISPANIC CIVILIZATION. Social, intellectual and artistic background of Spain and Latin America.
308 MEDIEVAL SPANISH LITERATURE. From El Cid to the 16th Century.
309 SPANISH BALLAD. Origins, kinds, readings and interpretations.
310 LYRIC POETRY OF GOLDEN AGE. Garcilaso, Fray Luis de Leon, Juan de la Cruz, Lope de Vega, Quevedo.
312 CERVANTES. Don Quixote, Novelas Ejemplares.
313 ROMANTICISM. Martínez de la Rosa, Duque de Rivas, Hartzenbusch, Espronceda, Zorrilla.
314 NINETEENTH CENTURY NOVEL. Caballero, Alarcon, Valera, Pereda, Galdos, Vades, Bazan, Ibanes.
315 THE GENERATION OF 1898. Ibanes, Baroja, Valle-Inclán, Miro, Perez de Ayala, Unamuno, Concha Espina, Ortega y Gasset, La Foret, Cela.
316 CONTEMPORARY SPANISH LITERATURE.

Economics
360 ECONOMICS OF UNDERDEVELOPED COUNTRIES. Apply analytical economic skills to specific problems of underdeveloped countries. (Prerequisite: Economics 104)

Sociology
302 CULTURAL ANTHROPOLOGY. Comparative study of modes of human life under the cultures of a variety of societies ranging from the primitive to the industrial.

COMMITTEE
Bernadine S. Pietraszek, Ph.D., Assistant Professor of History and Chairman of the Committee
Richard J. Houk, Ph.D., Professor of Geography
Martin J. Lowery, Ph.D., Professor of History
Lavinia Raymond, Ph.D., Assistant Professor of Sociology
Mirza Gonzalez, M.A., Instructor of Spanish
Elroy Burciaga, Junior representative
Linda Neumann, Junior representative
Program of Jewish Studies

In cooperation with Spertus College of Judaica, students may major in Jewish Studies or take courses as electives or allied field requirements. The major serves to develop a deep knowledge of Jewish culture as well as to develop skills for careers in the Jewish Community. Elective and allied field choices serve to broaden and enrich a variety of major fields through the added dimension of Jewish heritage and culture. Arrangements for registration should be made through the Administrative Assistant to the Dean of De Paul College.

PROGRAM OF CONCENTRATION

Forty-five quarter hours (30 semester hours) are required in addition to four Hebrew Language courses or a Hebrew Language proficiency equivalent to Hebrew 106. Language is taken as an allied field and students are encouraged to take Hebrew 201, 202 and 203. Major field courses will be arranged by the student in consultation with his advisor.

SAMPLE PROGRAM IN JEWISH STUDIES

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
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<tbody>
<tr>
<td>Major Field: 3 courses</td>
<td>Major Field: 3 courses</td>
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<tr>
<td>Hebrew: 3 courses</td>
<td>Hebrew: 3 courses</td>
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<tr>
<td>De Paul College: 6 courses</td>
<td>De Paul College: 6 courses</td>
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<tr>
<th>Junior Year</th>
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<tr>
<td>Major Field: 3 courses</td>
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<tr>
<td>Allied Field and Electives: 3 courses</td>
</tr>
<tr>
<td>De Paul College: 6 courses</td>
</tr>
</tbody>
</table>

Senior Year

| Major Field: 3 courses |
| Allied Field and Electives: 3 courses |

COURSES — All courses carry 3 quarter hours credit, unless otherwise specified.

De Paul students who wish to earn 4 quarter hours credit should consult with Administrative Assistant to the Dean of De Paul College.

Bible and Biblical Literature

B250 PENTATEUCH, PROPHETS AND WRITINGS: A Survey.
B261 THE DEVELOPMENT OF THE BIBLICAL TEXT.
B262 THE BIBLE: VERSIONS AND TRANSLATIONS.
B253 ANCIENT ISRAEL: LITERARY SOURCES.
B254 ANCIENT ISRAEL: ARCHEOLOGICAL SOURCES.
B255 BIBLICAL EXEGESIS.

Hebrew Language

H101 ELEMENTARY HEBREW. (4 credit hours)
H102 ELEMENTARY HEBREW. Continues H101. (4 credit hours)
H103 ELEMENTARY HEBREW. Continues H102. (4 credit hours)
H104 INTERMEDIATE HEBREW. Continues H103. (4 credit hours)
H105 INTERMEDIATE HEBREW. Continues H104. (4 credit hours)
H106 INTERMEDIATE HEBREW. Continues H105. (4 credit hours)
H201 ADVANCED HEBREW: GRAMMAR.
H202 ADVANCED HEBREW: COMPOSITION. Continues H 201.

Hebrew Literature

HL311 MODERN HEBREW LITERATURE. From the Emancipation Until the End of the Nineteenth Century.
HL312 MODERN HEBREW LITERATURE. From the Beginning of the Twentieth Century to the 1940's.
HL313 MODERN HEBREW LITERATURE. From 1948 to the present.
HL321 MODERN HEBREW PROSE.
HL322 FORERUNNERS OF ISRAELI PROSE.
HL323 CONTEMPORARY LITERATURE OF ISRAEL.

Jewish History

JH241 THE NEAR EASTERN ERA IN THE HISTORY OF THE JEWISH PEOPLE.
JH242 THE WESTERN ERA IN THE HISTORY OF THE JEWISH PEOPLE.
JH243 THE HISTORY OF THE JEWS IN RUSSIA.
JH244 THE HISTORY OF THE JEWS IN THE MOSLEME WORLD.
JH245 THE HISTORY OF THE SECOND COMMONWEALTH.
JH246 ZIONISM. The History of the Zionist Movement.
JH301 EARLY CHRISTIANITY IN ITS JEWISH ENVIRONMENT.
JH302 EARLY CHRISTIANITY IN ITS JEWISH ENVIRONMENT. Continues JH301.
JH303 EARLY CHRISTIANITY IN ITS JEWISH ENVIRONMENT. Continues JH302.
JH304 JEWISH SECTS AND SECTARIANISM.
JH331 FROM THE EMERGENCE OF THE JEWISH PEOPLE TO THE END OF THE UNITED KINGDOM.
JH332 FROM THE DEATH OF SOLOMON TO THE HASMONEAN REVOLUTION. Continues JH331.
JH333 FROM THE HASMONEAN KINGDOM TO THE END OF THE TALMUDIC PERIOD. Continues JH332.
JH341 NEAR EASTERN JEWRY FROM 500 C.E. TO 1300 C.E.
JH342 THE JEWISH COMMUNITIES IN PRE-CRUSADE EUROPE. Continues JH341.
JH343 THE DECLINE OF MEDITERRANEAN JEWRY AND THE EMERGENCE OF A JEWISH COMMUNITY IN EASTERN EUROPE. Continues JH342.
JH351 ANTI-SEMITISM.
JH361 JEWISH CULTURE IN THE OLD AND NEW WORLDS.
JH362 JEWISH CULTURE IN THE OLD AND NEW WORLDS. Continues JH361.
JH363 JEWISH CULTURE IN THE OLD AND NEW WORLDS. Continues JH362.

Jewish Thought

Ethics

JT301 INTRODUCTION TO JEWISH ETHICS I: THE ESSENCE OF MAN.
JT302 INTRODUCTION TO JEWISH ETHICS II: INTERPERSONAL RELATIONS.
JT303 INTRODUCTION TO JEWISH ETHICS III: SOCIAL ETHICS.
JT304 ETHICAL TEXTS I: ETHICS OF THE FATHERS WITH MAIMONIDES’ COMMENTARY.
JT305 ETHICAL TEXTS II: THE WAYS OF THE RIGHTEOUS.
JT306 ETHICAL TEXTS III: HEBREW ETHICAL WILLS.
JT307 ETHICAL TEXTS IV: M. CH. LUZZATTO: THE PATH OF THE JUST.
Mysticism
JT308 INTRODUCTION TO JEWISH MYSTICISM I: BEGINNINGS OF THE ZOHAR.
JT309 INTRODUCTION TO JEWISH MYSTICISM II: ZOHAR THROUGH HASIDISM.
JT310 INTRODUCTION TO JEWISH MYSTICISM III: JEWISH MYSTICISM AND CONTEMPORARY SOCIETY: (pre. I or II)

Philosophy
JT321 INTRODUCTION TO JEWISH PHILOSOPHY I: BEGINNINGS TO MAIMONIDES.
JT322 INTRODUCTION TO JEWISH PHILOSOPHY II: MAIMONIDES TO THE MODERN ERA (Through the 19th century).
JT323 INTRODUCTION TO JEWISH PHILOSOPHY III: CONTEMPORARY JEWISH PHILOSOPHY.
JT324 SAADIA GAON: FATHER OF JEWISH PHILOSOPHY.
JT325 BAHYA IBN PAKUDA: THE QUEST FOR INWARDNESS.
JT326 JUDAH HA LEVI: POET AND PHILOSOPHER.
JT327 MAIMONIDES: THE MAN AND HIS WORK.
JT328 MAIMONIDES: GUIDE FOR THE PERPLEXED.
JT329 JOSEPH ALBO: LAST OF THE JEWISH SCHOLASTICS.
JT330 ISSUES IN JEWISH THOUGHT I.
JT331 ISSUES IN JEWISH THOUGHT II.

Theology
JT341 INTRODUCTION TO JEWISH THEOLOGY I: THE GOD IDEA.
JT342 INTRODUCTION TO JEWISH THEOLOGY II: THE TORAH.
JT343 INTRODUCTION TO JEWISH THEOLOGY III: THE PEOPLE OF ISRAEL.
JT344 BIBLICAL THEOLOGY.
JT345 RABBINIC THEOLOGY.
JT346 THE CONCEPT OF THE MESSIAH.
JT347 THEOLOGICAL AND MORAL IMPLICATIONS OF HOLOCAUST LITERATURE.

Talmud and Midrash
T203 BABYLONIAN TALMUD: BERAKOT.
T301 THE MIDRASH: HALACHIC TEXTS.
T302 THE MIDRASH: AGGADIC TEXTS.
T303 THE TALMUD: LEGAL DOCUMENTS.
T304 BABYLONIAN TALMUD: TAANIT.
T311 THE TALMUDIM: A Survey.
T321 THE TALMUD IN CONTEMPORARY SOCIETY: Legal, ethical and social issues.
T323 THE TALMUD IN CONTEMPORARY SOCIETY: Jewish Non-Jewish dialogues and disputations. Continues T322.

FACULTY: At the Spertus College of Judaica
Martin J. Goldman, Ph.D., Professor and Chairman
David Weinstein, M.H.L., Ed.D., Professor
Yeshuahah Cahana, M.A., Assistant Professor
Moshe Davidowitz, M.H.L., M.A., Assistant Professor
Joseph Kaspi, Ph.D., Associate Professor
Byron L. Sherwin, M.A., M.H.L., Assistant Professor
Moses A. Shulvass, Ph.D., Professor

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Department of Mathematics

The Department of Mathematics endeavors: 1) to provide a sound mathematical background for a variety of career interests in mathematics; including teaching, further study and research, and applied mathematics; and 2) to meet the mathematical needs of students in the physical, biological, behavioral and management sciences.

PLACEMENT

The Department of Mathematics believes that all students should be placed into the program at the proper level of competency, and that in case of doubt the student should move ahead rather than back. Four years of high school mathematics is ideal preparation for entry into Mathematics 150. However, students with three years of high school mathematics will normally succeed in Mathematics 150 if their background includes some algebra beyond the first high school year.

PROGRAMS OF CONCENTRATION

All programs of concentration begin with Mathematics 150. All mathematics majors are required to take 150, 151, 152, 220, plus eight other courses which, with the exception of 210, 211, 295 and 296, must be at the 300-level.

As recognition of the variety of interests and career goals of mathematics students, the Department of Mathematics endeavors to be flexible in constructing programs for individual students. Each student either selects or is assigned a departmental advisor and each student works out his major program with the advisor.

A detailed guide to programs in mathematics, titled “Programs in Undergraduate and Graduate Mathematics,” is available upon request from the Department of Mathematics. The guide gives advice for students planning to: 1) teach in secondary schools, 2) pursue a career in industry, involving the use of computers and applied mathematics, and 3) seek an advanced degree.

Students who earn at least 24 hours in biology, chemistry, and physics may apply for the B.S. (Mathematics) degree. Others will be granted the B.A. degree.

ALLIED FIELDS

There are no allied field requirements for a mathematics major. Students planning to pursue the Ph.D. degree in mathematics are advised to take a three course sequence in French, German, or Russian to meet the language requirement of the College of Liberal Arts and Sciences.

SAMPLE PROGRAM

The following sample program is but one of the many ways a student could complete a major in mathematics.

_Freshman Year_  
Calculus I, II, III

_Sophomore Year_  
Linear Algebra  
Advanced Calculus I  
Advanced Calculus II

_Junior Year_  
Algebra I  
Algebra II  
Complex Analysis

_Senior Year_  
Introductory Computer Science  
Probability & Statistics I  
Probability & Statistics II

COURSES — All courses carry 4 hours credit, unless otherwise specified. An A, W, or S following the course description means that the course is offered in the Autumn, Winter, or Spring Quarter, respectively. However, in any given year, the course may be offered in additional quarters. In lieu of the stated prerequisites, a student can enter any course with the consent of the instructor.

101 INTRODUCTION TO COLLEGE ALGEBRA. Elementary algebra; formal; properties of the real number system. (No prerequisite) A, W, S.
110 ELEMENTARY MATHEMATICS FOR TEACHERS I. Properties of natural numbers; mathematical induction; place systems of numeration. (No prerequisite) A.

111 ELEMENTARY MATHEMATICS FOR TEACHERS II. Decimal representations; irrational numbers; completeness property; real line. (Prerequisite: 110) W.

130 COLLEGE ALGEBRA. Equations and inequalities; functions and graphs; coordinate systems; systems of equations; complex numbers; polynomials. (Prerequisite: 101 or consent of Department) A, W, S.

131 ELEMENTARY FUNCTIONS. Rational, exponential, logarithmic, and trigonometric functions; analytic geometry of the plane. (Prerequisite: 130 or consent of Department) A, W, S.

150 CALCULUS I. Concept of limit and derivative; extrema of functions; curve sketching; convexity; inverse functions; continuity. (Prerequisite: 131 or three years of high school mathematics) A, W.

151 CALCULUS II. Definite and indefinite integral; volume, arc length, trigonometric functions and their inverses; logarithmic and exponential functions, W, S.

152 CALCULUS III. Methods of integration; polar coordinates; infinite series; Taylor's formula; tests for convergence; L'Hospital's rule. (Prerequisite: 151) A, S.

210 CALCULUS IV. Analytic geometry of three dimensional space; partial differentiation; maxima and minima; Taylor series of several variables; double integration. (Prerequisite: 152) A.

211 DIFFERENTIAL EQUATIONS. Multiple integration; surface area; Jacobians; differential equations including: separable, homogeneous and exact 1st order equations, linear equations with constant coefficients. Laplace transforms. (Prerequisite: 210) W.

220 LINEAR ALGEBRA. Vectors in space; equations of lines and planes; matrices; linear independence; linear transformations; determinants. (Prerequisite: 152) A, S.

242 ELEMENTS OF STATISTICS. Finite probability; distributions and expectations of random variables; sampling; hypothesis testing; least squares and regression. (Prerequisite: 131 or consent of Department)

295 METHODS OF THEORETICAL PHYSICS I. Also offered as Physics 295. (Corequisite: 210 or 220 and Physics 276)

296 METHODS OF THEORETICAL PHYSICS II. Also offered as Physics 296. (Corequisite: 211; Prerequisite: 295)

301 HISTORY OF MATHEMATICS. Specific content varies. (Prerequisite: 220)

303 FOUNDATIONS OF MATHEMATICS. (Prerequisite: consent of Department) A.

310 ALGEBRA I. Prime number; binary operations; equivalence relation; congruences. (Prerequisite: 152 or consent of Department) A.

311 ALGEBRA II. Group; isomorphism; theorems of Lagrange and Cayley; homomorphism; kernel. (Prerequisite: 310) W.

312 ALGEBRA III. Rings, ideals, fields and quotient fields; extension fields. (Prerequisite: 311) S.

320 GEOMETRY I. Incidence and separation properties of plane; congruence; parallel postulate; area theory; rules and compass construction. (Prerequisite: 220)

321 GEOMETRY II. Riemannian and hyperbolic geometry; metric axioms; triangles and angle sums; consistency of hyperbolic postulates. (Prerequisite: 320)

330 ADVANCED CALCULUS I. Vector functions; tangent vectors; curvature and normal vectors; gradient and directional derivative; extrema of functions of several variables; Fourier series. (Prerequisite: 220) W.

331 ADVANCED CALCULUS II. Multiple integration and applications; line and surface integrals; Green's and Stoke's theorems; derivatives of complex functions. (Prerequisite: 330) S.

340 INTRODUCTORY COMPUTER SCIENCE. Programming language; concept of algorithm; relationship between programming and formulation of problems. (Prerequisite: 152) (Lab. fee: $15.00) (Computers are used in this course.) A.

341 NUMERICAL METHODS IN ANALYSIS. Conceptual aspects of approximation; computation of integrals and derivatives; interpolation; solving ordinary differential equations. (Prerequisite: 340 and either 211 or 320) (Lab. fee: $15.00) (Computers are used in this course.) S.

342 NUMERICAL METHODS IN ALGEBRA. Solutions of linear equations; inverting matrices; computing rank of matrix, bases for dual spaces, orthogonal complements and determinants. (Prerequisite: 340 and 220) (Lab. fee: $15.00) (Computers are used in this course.) W.

343 TOPICS IN NUMERICAL ANALYSIS. Iteration techniques for solution of equations; polynomial approximation; initial value problems for ordinary differential equations. (Prerequisite: 310)

346 ASSEMBLY LANGUAGE. Symbolic coding and introduction to assembly language. Linkage of FORTRAN main program to assembly language subroutine. Representation of data. Multi-precision numbers in binary and decimal form. Linked lists. (Prerequisite: 340) (Computers are used in this course.) A.

345 DATA STRUCTURES. Study of strings and arrays; decks; queues; linear and orthogonal lists; stacks; representation of trees and graphs; ordering and searching techniques. (Prerequisite: 344) (Computers are used in this course.) W.

346 ADVANCED NUMERICAL ANALYSIS. Solution of Ordinary Differential Equations. Runge-Kutta methods; multistep methods; predictor-corrector methods; numerical solution of boundary value problems. Solution of Partial Differential Equations. Finite difference methods; determination of grids; derivation of difference equations. (Computers are used in this course.) A.

351 PROBABILITY AND STATISTICS I. Probability spaces, random variables and distributions; Chebyshev's inequality; law of large numbers; Poisson distributions; gamma and normal distributions. (Prerequisite: 152) W.
PROBABILITY AND STATISTICS II. Random multivariates; sampling distributions; theory of estimation. (Corequisite: 351 and Math. 210 or 330) S.

PROBABILITY AND STATISTICS III. Testing of hypothesis; regression; selected topics such as analysis of variance, order statistics, Markov processes. (Prerequisite: 352) A.

STATISTICS IN THE COMPUTER AGE. Descriptive statistics; statistical inferences; statistics and the computer; Monte Carlo methods, time series—theory and numerical treatment. (Prerequisite: 340 and 351) (Lab. fee: $15.00) (Computers are used in this course.)

STOCHASTIC PROCESSES. Markov chains; branching processes; Poisson process, queuing theory, and telephone traffic problems; Brownian motion. (Prerequisite: 351)

INTRODUCTORY ANALYSIS. Construction of real numbers by Dedekind cuts; least upper bounds; topology of line and plane; continuity. (Prerequisite: 152)

COMPLEX ANALYSIS. Complex functions; complex differentiation and integration; series and sequences of complex functions. (Prerequisite: 330 and 365) S.

ADVANCED DIFFERENTIAL EQUATIONS. (Prerequisite: 331)

APPLIED LINEAR ALGEBRA. Spectral theorem for self-adjoint operators in finite-dimensional inner product spaces; techniques for computation of eigenvalues and their applications to physics, statistics, and other fields.

TOPICS IN ALGEBRA. (Prerequisite: 311 or consent of Department)

INTRODUCTION TO TOPOLOGY. (Prerequisite: one of 210, 365 or 330)

DIFFERENTIAL GEOMETRY. (Prerequisite: 331 or consent of Department)

REAL ANALYSIS I. (Prerequisite: 365 or consent of Department)

REAL ANALYSIS II. (Prerequisite: 390)

REAL ANALYSIS III. (Prerequisite: 391)

METHODS OF THEORETICAL PHYSICS III. (Prerequisite: 296) Also offered as Physics 395.

INDEPENDENT STUDY. (Prerequisite: Consent of Chairman) Variable credit. A, W, S.

FACULTY

Michael Wiehman, Ph.D., Assistant Professor and Acting Chairman
Stephen Vagl, Ph.D., Professor
Alphonse Buccino, Ph.D., Associate Professor, on leave
Jerry Goldman, Ph.D., Associate Professor
Walter Pranger, Ph.D., Associate Professor
Jacob Towber, Ph.D., Associate Professor
Yuen-Fat Wong, Ph.D., Associate Professor
J. Marshall Ash, Ph.D., Assistant Professor
Constantine Georgakis, Ph.D., Assistant Professor
Sigrun Gees, Ph.D., Assistant Professor
Everett McLane, M.S., Assistant Professor
Robert Ogden, Ph.D., Assistant Professor
Arthur Svoboda, M.S., Assistant Professor
Lawrence Gluck, M.S., Instructor
William Griffeth, M.S., Instructor
Department of Military Science-ROTC

The Military Science Department offers all interested students an opportunity to augment studies in their major fields with the study of the Art of Leadership and the principles of management.

Through participation in the U.S. Army Reserve Officers Training Corps (ROTC), male students who satisfactorily complete all departmental programs and earn a baccalaureate degree, may be commissioned a Second Lieutenant in the Army of the United States. Students who demonstrate exceptional aptitude and motivation for military careers may be designated Distinguished Military Graduates and be offered a commission in the Regular Army.

The curriculum consists of a combination of department offerings and selected courses from other departments in the College of Liberal Arts and Sciences essential to the pre-commissioning education of an Army officer. Formal instruction is supplemented by a guest speaker program which serves to provide the student access to other authorities in military science, leadership, management and allied fields.

Students studying with the Military Science Department are eligible to participate in a variety of extracurricular department activities. These activities are organized and programmed so as to provide the student additional learning experiences, challenges and opportunities in the field of military science.

Students enrolled in Army ROTC and who have completed the Junior year Military Science requirements have an opportunity to learn to fly while participating in the Army ROTC program. Each student receives 35 hours of ground training and 36½ hours of flight instruction. Costs incidental to flight training are paid by the Army.

Other extracurricular activities include an exhibition drill team, a supplementary proficiency training unit, and a small-bore rifle team that represents the University in intercollegiate competition throughout the United States.

High school seniors and ROTC cadets are eligible to apply for U.S. Army ROTC Scholarships that pay for tuition, fees, textbooks and supplies for from one to four years. Details on these scholarships may be obtained from the Office of the Department Chairman.

All books, uniforms and equipment connected with the studies and activities in the department are furnished free of charge. A refundable deposit of $20.00 is required to cover any loss or damage of supplies and equipment. Students accepted for 300-level courses receive a tax-free allowance of $50.00 per month.

COURSES —

It is suggested that students working toward a commission take courses in the listed progression. Commission seeking students are required to enroll in Applied Leadership each quarter.

FRESHMEN

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MS 111</td>
<td>U.S. DEFENSE ESTABLISHMENT. Organization and function of U.S. Defense Establishment to include a survey of history and missions of the U.S. Armed Forces. 4 hours.</td>
</tr>
<tr>
<td>MS 112</td>
<td>INTRODUCTION TO LEADERSHIP. Leadership theory, behavior styles, leader selection leadership case studies. 2 hour.</td>
</tr>
<tr>
<td>MS 205</td>
<td>EFFECTIVE COMMUNICATIONS: ORAL AND WRITTEN. (Cross-listed with English 205) Study and application of basic composition, writing and public speaking techniques for the development of the student's communications proficiency. 4 hours.</td>
</tr>
<tr>
<td>MS 116</td>
<td>APPLIED LEADERSHIP. Practice in the exercise of command and staff coordination. Non-credit.</td>
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SOPHOMORE

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<th>Course Code</th>
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<tr>
<td>MS 212</td>
<td>ADVANCED LEADERSHIP. Group formation, processes, solidarity, spirit, motivation, morale, discipline, and an analysis of senior-subordinate relations. 1 hour.</td>
</tr>
<tr>
<td>MS 340</td>
<td>MAPS AND MAN. (Cross-listed with Geography 340) See Geography section for description. 4 hours.</td>
</tr>
<tr>
<td>MS 221</td>
<td>WORLD MILITARY HISTORY TO 1800. Evolution of the Principles of War and the effect of the great captains and theorists on military thought. 1 hour.</td>
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<tr>
<td>MS 116</td>
<td>APPLIED LEADERSHIP. Description same as above. Non-credit.</td>
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JUNIOR

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>MS 321</td>
<td>U.S. MILITARY HISTORY. The evolution of the U.S. defense establishment with emphasis on technological and organizational development and its role in armed conflict. 2 hours.</td>
</tr>
</tbody>
</table>
MS 312 LEADERSHIP STUDIES. Application of principles of leadership to administrative and combat situations and case studies. 2 hours.
MS 310 MILITARY MANAGEMENT. Principles and techniques of military management. 2 hours.
MS 116 APPLIED LEADERSHIP. Description same as above. Non-credit.

SENIOR
MS 311 LEADERSHIP SEMINAR. In-depth study and analysis of contemporary leadership problems. 2 hours.
MS 201 GEOGRAPHY OF WORLD AFFAIRS. (Cross-listed with Geography 201) See Geography section for description. 4 hours.
MS 314 GEOGRAPHY OF WORLD AFFAIRS. Same as above. 2 hours.
MS 315 ADVANCED MILITARY MANAGEMENT. A study of the application of the principles of management in solving selected problems of command. 2 hours.
MS 116 APPLIED LEADERSHIP LABORATORY. Description same as above. Non-credit.
MS 399 INDEPENDENT STUDY. Individual research and study of selected military, geo-political, sociological or legal problems relating to the exercise of command. (Prerequisite: consent of Chairman) 2 hours.

ALL INTERESTED STUDENTS
MUSIC 143 MARCHING BAND—ROTC. 1 hour.

FACULTY
Lieutenant Colonel Ralph R. Drake, Professor and Chairman
Major Robert K. Bernard, Assistant Professor
Major Willie E. Little, Assistant Professor
Captain Stephan M. Gallagher, Assistant Professor
Captain James W. Pardew, Assistant Professor
Captain Charles R. Backlin, Assistant Professor
Department of Modern Languages

The purposes of the programs in French, German and Spanish are to develop the ability to speak, understand, read and write the languages and to stimulate an appreciation of their major authors. The programs provide the student with a working knowledge of a foreign language, with qualifications to teach the language at the secondary level, or with the foundation necessary for graduate study.

Both language majors and students using language as an Allied Field who have a background in a language should begin their studies in accordance with this guide:

One year of high school language—Begin with 102 or 103 on advisor’s approval.
Two years of high school language—Begin with 104.
Three years of high school language—Begin with 105 or 106 on advisor’s approval.
Four years of high school language or a more extensive background—Begin with 200 or 300 level course chosen in consultation with an advisor.

Students who wish to take courses more elementary than those indicated by this guide may do so on an audit basis. The prerequisite for major programs is course 103 or satisfactory performance in a placement test, based upon two years of high school instruction.

Requirements of a program of major concentration include courses 104, 105, 106, 201, 202, 203, 346 and six more courses at the 300 level. If one or more of these thirteen courses is waived on the basis of high school courses or demonstrated competence, the student should confer with a departmental advisor regarding an individually planned program. Students intending to teach modern languages in secondary schools must elect course 348. Other requirements, in Allied Fields, to be chosen in consultation with Departmental advisors, may include a second language and history in areas of the student’s interest.

The first nine courses in all three languages are structured to be taken sequentially. All 100-level courses and course 203 entail use of the language laboratory. Three hundred level courses may be taken concurrently with 200-level courses. Two courses, 346 and 348, are offered in common for all three languages.

**Sample Program in Modern Language**

**Freshman Year**

Language 104, 105, 106
Allied Fields & Electives: 2 courses
De Paul College: 6 courses

**Sophomore Year**

Language 201, 202, 203
Allied Fields & Electives: 3 courses
De Paul College: 6 courses

**Junior Year**

Language 346 and 3 courses of choice
Allied Fields & Electives: 3 courses
De Paul College: 4 courses

**Senior Year**

Language: 3 courses of choice
Allied Fields & Electives: 6 courses
De Paul College: 2 courses

**Courses** — Offered in all three languages—All courses carry 4 hours credit.

- 101 ELEMENTARY I
- 102 ELEMENTARY II
- 103 ELEMENTARY III
- 104 INTERMEDIATE I
- 105 INTERMEDIATE II
- 106 INTERMEDIATE III
- 201 GRAMMAR. Intensive review and advanced grammar.
- 202 COMPOSITION. Difficult expository prose.
- 203 SPOKEN. Spoken idiom.
COURSES IN SPECIFIC LANGUAGES

FRENCH
204 FRENCH STYLISTICS
206 FRENCH CINEMA
301 INTRODUCTION TO FRENCH LITERATURE I. Middle Ages to 1700
302 INTRODUCTION TO FRENCH LITERATURE II. 1700-1850
303 INTRODUCTION TO FRENCH LITERATURE III. 1850 into 20th Century.
304 FRENCH CIVILIZATION. Intellectual, political, social backgrounds.
305 RENAISSANCE. LaPléiade, Rabelais, Montaigne.
306 THE AGE OF LOUIS XIV. Classical period 1660-1700.
307 THE AGE OF ENLIGHTENMENT. Contributions of 18th Century French thinkers to the history of ideas.
308 ROMANTICISM. Lamartine, Hugo, Vigny, Musset.
309 REALISM AND NATURALISM. 1850-1900.
310 DEVELOPMENT OF FRENCH FICTION.
311 FRENCH NOVEL OF THE 17th AND 18th CENTURIES
312 NOVELISTS OF THE 19th CENTURY. Balzac, Stendahl, Flaubert.
313 CONTEMPORARY NOVEL
314 FRENCH THEATER I. Corneille, Molière, Racine
315 FRENCH THEATER II. From 1700 to 1850.
316 FRENCH THEATER III. From 1850 to 1930.
317 CONTEMPORARY THEATER. Anouilh, Genet, Ionesco, Audiberti
318 INTRODUCTION TO FRENCH POETRY. Forms and content.
319 19th CENTURY POETS. Baudelaire, Verlaine, Rimbaud, Mallarme.
320 CONTEMPORARY FRENCH POETS
321 MARCEL PROUST
322 INTRODUCTION TO FRENCH THEATER
323 THE SURREALIST REVOLUTION
324 BALZAC
325 CONTEMPORARY FRENCH WRITERS
326 MOLIERE

GERMAN
301 INTRODUCTION TO GERMAN LITERATURE I. From origins to 1600.
302 INTRODUCTION TO GERMAN LITERATURE II. From 1600-1850.
303 INTRODUCTION TO GERMAN LITERATURE III. From 1850 to Present.
304 DRAMA OF THE CLASSICAL PERIOD. Lessing, Goethe, Schiller.
305 DRAMA OF THE 19th CENTURY. Buchner, Grabbé, Hebbel, Grillparzer.
307 GERMAN PROSE I. From 1600 to Goethe.
308 GERMAN PROSE II. From the Romantic to the Realistic Periods.
309 GERMAN PROSE OF THE 20th CENTURY
310 THE NOVELLE
311 GERMAN POETRY. From the Baroque to Holderlin.
312 GERMAN POETRY. From Romanticism to the present.
313 GOETHE'S FAUST. Part I and selected passages from Part II.

SPANISH
301 INTRODUCTION TO SPANISH LITERATURE I. Middle Ages through Renaissance.
302 INTRODUCTION TO SPANISH LITERATURE II. Renaissance to the present.
303 LATIN AMERICAN LITERATURE AND CULTURE I. From discovery of America to Wars of Independence.
304 LATIN AMERICAN LITERATURE AND CULTURE II. From 1810 to present.
305 LATIN AMERICAN NOVEL. From 18th Century to present.
306 CONTEMPORARY LATIN AMERICAN LITERATURE.
307 HISPANIC CIVILIZATION. Social, intellectual and artistic background of Spain and Latin America.
308 MEDIEVAL SPANISH LITERATURE. From El Cid to the 16th Century.
309 SPANISH BALLAD. Origins, kinds, readings and interpretations.
310 LYRIC POETRY OF GOLDEN AGE. Garcilaso, Fray Luis de Leon, Juan de La Cruz, Lope de Vega, Quevedo.
312 CERVANTES. Don Quixote, Novelas Ejemplares.
313 ROMANTICISM. Martinez de la Rosa, Duque de Rivas, Hартzenbusch, Espronceda, Zorilla.
314 NINETEENTH CENTURY NOVEL. Caballero, Alarcón, Valera, Pereda, Galdos, Valdes, Bazan.
315 THE GENERATION OF 1898.
316 CONTEMPORARY SPANISH LITERATURE
317 INTRODUCTION TO MEXICAN LITERATURE.
318 THE HISPANIC ESSAY OF THE TWENTIETH CENTURY.
INTEGRATED COURSES

346 MODERN LANGUAGES. Descriptive Linguistics.
348 MODERN LANGUAGES. Teaching Modern Languages.

FACULTY

William V. Hoffman, Ph.D., Professor, Acting Chairman
Paulis J. Anstrats, Ph.D., Associate Professor, Coordinator for German
Alexander V. Davis, Doctor en Letras, Associate Professor, Coordinator for Spanish
Joseph W. Yedlicka, Ph.D., Associate Professor
Mirza Gonzalez, M.A., Instructor
Katherine Hilden, M.A., Instructor
Oskar Oebri, B.A., Dipl. Fr., Instructor
Clausel Theard, M.A., Instructor
Department of Music Theory

This interdisciplinary program, offered in conjunction with the School of Music, is designed for the student interested in blending theoretical music into a broad course of humanistic study. The program is not directed at preparing the student as a performer in the musical arts, but rather emphasizes the underlying form, style, meaning and significance of music as a reflection of man's artistic nature. The program leads to the Bachelor of Arts degree with a major in Music Theory.

PROGRAM OF CONCENTRATION

Major Concentration

Music Theory and Composition
MTC 111-112-113, 121-122-123, 131-132-133, 241-242-243,
251-252-253, 261.
MTC 301, 307, 326, 330, 373, 374, 375.

Applied Music
APM each quarter until a total of six quarters have been completed.

Music History and Literature
MHL 344, 345, 377

Allied Fields

The major in Music Theory prepares a program suited to his needs with a program advisor. Courses in Philosophy, History and English Literature and a sequence in a Modern Language beyond the college requirement are recommended as Allied Fields.

SAMPLE PROGRAM IN MUSIC THEORY

Freshman Year

Music Theory and Composition 111-2-3,
121-2-3, 131-2-3
Applied Music: 3 courses of choice
De Paul College: 6 courses

Sophomore Year

Music Theory and Composition 241-2-3,
251-2-3, 261
Applied Music: 3 courses of choice
Allied Field or Elective: 1 course
Modern Language: 1 course
De Paul College: 5 courses

Junior Year

Music Theory and Composition 326
Music History and Literature 344, 345,
377
Allied Fields & Electives: 3 courses
Modern Language: 1 course
De Paul College: 5 courses

Senior Year

Music Theory and Composition 373,
374, 375, 307, 301 and 330
Allied Fields & Electives: 5 courses
Modern Language: 1 course
De Paul College: 2 courses

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Department of Nursing

The three-fold aim of the baccalaureate program in nursing is to provide:
1) a broad background in liberal arts contributing to the development of the person
   who will be a responsible member of family, church and community;
2) an education essential for the development of beginning practitioners of professional
   nursing who are able to design, organize, execute and assess nursing care in health
   agencies in the community;
3) a liberal and professional education which will serve as a basis for continuing study.

Qualified registered nurse students are admitted at an appropriate level in the basic nursing program. Graduates of hospital diploma programs and associate degree programs in nursing seeking a Bachelor of Science in Nursing will be given the opportunity to take examinations-for-credit in selected lower division nursing courses. On the basis of satisfactory achievement in the tests of theory and clinical competency graduate nurses may attain a maximum of 42 quarter hours in nursing. They may progress in the curriculum as rapidly as proficiency credits are earned in nursing and in available liberal arts and science courses. The faculty of the Department of Nursing reserves the right to determine eligibility for acceptance into the nursing program.

Nursing students enroll in a planned sequence of courses offered in the De Paul College and in the College of Liberal Arts and Sciences. Knowledge in these areas serves as a foundation for subsequent and concurrent nursing courses which comprise the major area of concentration. Either one or two summer sessions are required for the completion of 183 quarter hours required for the degree of Bachelor of Science in Nursing.

The program in Nursing is approved by the National League for Nursing.

COOPERATING AGENCIES

University of Chicago Hospitals and Clinics:
   Billings Memorial Hospital
   Wyler Children's Hospital
   Chicago Lying-In Hospital

Chicago State Psychiatric Hospital
   The Whitehall Convalescent and Nursing Home
   Visiting Nurse Association of Chicago
   Cook County Health Department
   Veteran's Administration Research Hospital

PROGRAM OF CONCENTRATION

All Departmental courses are required in a sequence planned in consultation with Departmental advisors. The student must complete the College of Liberal Arts and Sciences language requirement. Required courses in Allied Fields are:

Biology 305, 307, 321
Chemistry 117

Psychology 333
Sociology 242

SAMPLE PROGRAM IN NURSING

Freshman Year
Natural Science 101
Chemistry 117
Language or Electives: 3 courses
De Paul College: 7 courses

Sophomore Year
Nursing 102, 200, 206, 207
Biology 305, 307, 321
Psychology 333
De Paul College: 3 courses

Junior Year
Nursing 306, 307, 308
Sociology 242
De Paul College: 5 courses

Senior Year
Nursing 309, 310, 315, 317, 319
De Paul College: 3 courses
COURSES

101 ORIENTATION TO NURSING. Non-credit.
102 NURSING IN THE SOCIAL ORDER. 3 hours.
200 NUTRITION. 3 hours.
206 INTRODUCTION TO NURSING. 6 hours. Laboratory.
207 MEDICAL-SURGICAL NURSING. 9 hours. Laboratory.
306 MATERNITY NURSING. 9 hours. Laboratory.
307 NURSING OF CHILDREN. 9 hours. Laboratory.
308 PSYCHIATRIC NURSING. 9 hours. Laboratory.
309 INTRODUCTION TO COMMUNITY HEALTH. 3 hours.
310 COMMUNITY HEALTH NURSING. 9 hours. Laboratory. (V.N.A. Fee $15.00)
315 ADVANCED NURSING. 9 hours. Laboratory.
317 LEADERSHIP IN NURSING. 6 hours. Laboratory.
319 SEMINAR IN NURSING. 4 hours.

FACULTY

Florence Finette, M.S., Chairman and Professor
Virginia Ford, Ph.D., Associate Professor
Grace Peterson, M.N.A., Associate Professor
Elaine Fila, M.A., Assistant Professor
Patricia Wagner, M.S.N., Assistant Professor
Sally Ballenger, M.S.N., Instructor
Ann Clark, M.S.N., Instructor
Marilyn Edmunds, M.S.N., Instructor
Virginia Landman, M.S.N., Instructor
Anna Tichy, M.S.N., Instructor
Sr. Therese Ann, M.S.N., Instructor
Department of Philosophy

The Department of Philosophy seeks to acquaint each student with various philosophical systems and with basic problems as posed by diversity thinkers. Its offerings include both humanistic and technical features of philosophy.

In keeping with the intercontinental interests of its faculty, and serving the needs of philosophical relevance, the department focuses its attention on phenomenology, life philosophy, philosophies of existence, and the historical sources of these movements.

The department serves 1) the general liberal arts student, 2) those who seek a more fundamental appreciation of philosophy in support of law, medicine and other academic disciplines, and 3) the specialist who wishes to continue philosophy at the graduate level.

PROGRAM OF CONCENTRATION

Major Concentration

Required: 44 hours in philosophy courses (or their equivalents). These must be distributed as follows:

Course Listings I—Any two courses
Course Listings II—Three courses: 301 or 302, 307 and 380
Course Listings III—Four courses: 325 and any three courses
Course Listing IV—None required

The remainder of the major concentration may be chosen from any of the Listings. Unless otherwise noted, no course carries a prerequisite. The major is expected to consult with his departmental advisor on course selection. With departmental permission, the senior major may take one course selected from the Graduate offerings in Philosophy. He may elect to take this on a Pass/Fail basis instead of receiving a letter grade. Certain courses in other departments are acceptable equivalents for philosophy credit. For further information, consult the departmental chairman.

Allied Fields

The department requires that the major take 20 hours of specialized knowledge in another academic subject. This concentration must be approved by the departmental advisor.

The philosophy major should possess a general educational background in the philosophy of God, Man, and Morality. Such a background may be obtained through Philosophy-Religion Divisional Courses 151, 152, 154. However, these are not to be construed as prerequisite courses.

The student must complete the College of Liberal Arts and Sciences language requirement.

The regular program of courses is supplemented by annual philosophical symposia featuring prominent philosophers, and by departmental colloquia.

SAMPLE PROGRAM IN PHILOSOPHY

Freshman Year

Approved Allied academic area: 3 courses
Language: 3 courses
De Paul College: 6 courses

Sophomore Year

Philosophy: 301 or 302, and 2 courses chosen from Listing I
Approved Allied Academic area: 2 courses
De Paul College: 6 courses

Junior Year

Philosophy: 307, 325, 380 and 1 course from Listings III
Electives: 4 courses
De Paul College: 4 courses

Senior Year

Philosophy: 2 courses from Listings III and 2 courses of choice
Electives: 2 courses
De Paul College: 2 courses
COURSES — All courses carry 4 hours of credit.

I. History of Philosophy Surveys
310 GREEK PHILOSOPHY. Philosophers from the pre-Socratic to Plotinus.
311 MEDIEVAL PHILOSOPHY. Philosophers from St. Augustine to Nicholas of Cusa.
312 MODERN PHILOSOPHY. Philosophers from Descartes to Hegel.
313 CONTEMPORARY PHILOSOPHY. Current trends in philosophy such as existentialism, phenomenology and linguistic analysis.

II. Thinkers and Theorizations
301 FORMAL LOGIC AND SCIENTIFIC METHOD. Traditional Aristotelian logic and the nature of procedure in the sciences.
302 SYMBOLIC LOGIC. Contemporary logic and its mathematical basis.
304 PHILOSOPHY OF COMMUNISM. Basic principles of Communism through a study of Marx, Feurbach and its leading exponents.
307 SYSTEMS OF METAPHYSICS. Various theories concerning the nature of reality.
309 EPISTEMOLOGY. Problems and proposed solutions concerning the nature of knowledge and truth.
342 TEILHARD DE CHARDIN. Principal ideas of this Jesuit-scientist-philosopher-theologian. (Cross-listed with Theology 342)
350 DANTE. Principal ideas of this “last of the medieval” and “first of the moderns.”
355 CONTEMPORARY THOMISM. Appraisal of the philosophy of St. Thomas as it continues to develop in our times.
361 NINETEENTH CENTURY PHILOSOPHY. Leading continental thinkers of this period.
369 AMERICAN PHILOSOPHY. Major philosophical influences in American thought from the colonial to the contemporary scene.
373 PHILOSOPHY OF PLAY. Examination of the meaning, classification and values of various human activities conventionally classified as “playing.”
375 PHILOSOPHY OF ATHEISM. Inquiry into meaning and grounds of atheism. Emphasis given to contemporary thought.
380 ANALYTIC PHILOSOPHY. Principal men who comprise this moment in Anglo-American philosophy.

III. Phenomenology/Philosophies of Existence
300 PHENOMENOLOGY AND SCIENCE. Methodologies of science and a philosophical reflection on the origin of scientific structures.
325 BASIC CONCEPTS OF PHENOMENOLOGY. Exposition of major themes of Husserl and developments in German and French phenomenology.
333 PHENOMENOLOGY OF LOVE. Inquiry into the nature of love, discussion of its varieties and conditions.
358 EXISTENTIALISM. Leading thinkers related with this movement, such as Kierkegaard, Jaspers, Heidegger, Marcel and Sartre.
360 EXISTENTIAL THINKING. Attempt to rethink the nature of philosophy as related to the human condition.
365 PHENOMENOLOGY OF RELIGION. Phenomenological study of religion, aimed at an understanding of religious phenomena as well as their significance for fundamental philosophy.
370 PHENOMENOLOGY OF THE BODY. Differing views on the human body in modern contemporary thought.
376 PHENOMENOLOGY AND LANGUAGE. Major problems of contemporary linguistic theory, based on Humboldt’s philosophy of language.
378 PHENOMENOLOGICAL ETHICS. Investigation of non-formal ethics; a phenomenological inquiry into value.
379 PHENOMENOLOGY OF RESENTMENT. Phenomenological inquiry into pre-condition and structures of resentment.
*IV. Seminars/Independent Study

390 COORDINATING SEMINAR
395 SEMINAR ON SELECTED PROBLEMS
398 READING AND RESEARCH
399 INDEPENDENT STUDY

“A minimum of 15 hours in philosophy is a prerequisite for any course in Listing IV.

FACULTY

Gerald F. Kreyche, Ph.D., Chairman and Professor
Bernard J. Boelen, Ph.D., Professor
Manfred S. Frings, Ph.D., Professor
James W. Keating, Ph.D., Professor
Robert Lechner, C.Pp.S., Ph.D., Professor
Thomas N. Munson, S.T.L., Ph.D., Professor (on leave)
John Battle, C.M., Ph.D., Associate Professor
Thomas Connolly, C.M., Ph.D., Associate Professor
Joseph Della Fenta, O.P., Ph.D., Associate Professor
Wilhelm Dupre, Ph.D., Associate Professor, on leave
Parvis Emaad, Ph.D., Associate Professor
Francis H. Eterovich, O.P., Ph.D., Associate Professor
Merlin Fetz, C.M., M.A., Ph.L., Associate Professor
Bruno Switalski, Ph.D., S.T.D., M.S.L., Associate Professor
L. Edward Allemand, Ph.D., Assistant Professor
John C. Lohr, C.M., M.A., Assistant Professor
Martin Kalin, Ph.D., Assistant Professor
Department of Physics

The Department of Physics seeks to provide students with 1) a knowledge of physics as a part of a liberal education, 2) a background in physics useful for careers in other areas (secondary education, business management and sales, law, medicine, dentistry, journalism, etc.), and 3) a thorough and rigorous foundation in physics for careers in physics or related fields of science and engineering.

PROGRAMS OF CONCENTRATION

Program I. This major program is designed to prepare the student for a career in physics or related fields. The student who is prepared to begin his freshman year with General Physics and Calculus I (Math. 150) normally fulfills these requirements in four years. Advanced placement is given to students who show evidence of extensive preparation. Nationally administered tests are recognized.

Capable students are invited to undertake a departmental Honors Program which provides more extensive concentration in advanced courses, research, and independent study.

Students from junior colleges with three or four semesters of college mathematics at the level of calculus and with a year of calculus-based general physics may arrange to enter this program for the last two years.

Below is a typical program designed to meet the minimal requirements, which include 54 hours of physics, 32 hours of mathematics and 11 hours of chemistry. Students intending to enter a graduate physics program should take intermediate-level language courses in German or French. Students who elect beginning graduate courses as seniors may finish the Master of Science degree program in a fifth year. (Physics 410 and 420 in lieu of Physics 318 and 321 are recommended; Physics 465 or 491 is suggested.)

SAMPLE PROGRAM FOR PHYSICS MAJOR (PROGRAM I)

(Suggestive only—may be modified with advisor’s consent)

Freshman Year
Physics 176, 177
Chemistry 117, 119 or 130, 131
Mathematics 150, 151, 152
De Paul College: NSM 113 and four other courses

Sophomore Year
Physics 275, 276, 277
Mathematics 210, 211, 220, 295
Chemistry 196
De Paul College: 4 courses

Junior Year
Physics 317, 318, 367, 370, 371, 372
German or French: 3 courses
Mathematics 296
De Paul College: 4 courses

Senior Year
Physics 320, 321, 345, 375, and 373 or 374
Electives: 3 courses
De Paul College: 5 courses

(Only one of the two courses, Physics 373 and 374 is required. A student may satisfy the requirement for Physics 375 by taking Physics 354.)

(Only two of the three courses 318, 321 and 345 are required. Students preparing for graduate study in Physics should select all three and in addition should elect Physics 368 and 395.)

Program II This new program, introduced in 1970, is designed for the student whose career goal lies outside of physics. The several courses concentrate on the phenomena of the physical world, their analysis and synthesis, the impact of physics and its technologies upon society, and on the history, methodology and philosophy of science. They are structured with a minimal technical vocabulary and in non-mathematical terms. A student with two years of high school mathematics and some familiarity with man’s explanations of the physical world (such as found in NSM 101 or

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104) will find his preparation adequate. This program has been constructed with the financial assistance of the National Science Foundation through the College Science Improvement Program.

Parts, or all, of this program are suggested for students with career interests in secondary education, business management and sales, patent law, medicine, dentistry, science journalism, philosophy and history of science, or the other sciences.

Students who wish to satisfy a pre-medical or pre-dental requirement of one year (12 quarter hours) of physics (with laboratory) may wish to select Physics 110, 111 and 160, but should consult with the medical or dental school to determine whether the traditional General Physics courses are preferable.

Students who wish to prepare to teach physics along with other sciences in secondary schools should consult with advisors in the Department of Physics and the School of Education.

A student may pursue a major concentration in physics through Program II. Forty hours credit in physics are required and may be taken entirely by Program II courses or through a combination of these and other departments courses. Every program is individually structured in consultation with a departmental advisor. The program will generally include eight courses in Allied Fields. These may include selected courses taken to meet some of the requirements for secondary education certification.

**COURSES IN PROGRAM I** — The five courses in General Physics must be taken in sequence and are designed to be taken concurrently with Mathematics 151, 152, 210, 211 and 220. Prerequisites may be waived with the consent of the instructor.

(All courses carry 4 hours credit unless otherwise specified.)

176 **GENERAL PHYSICS I.** Mechanics. (Corequisite: Math. 151) Laboratory.

177 **GENERAL PHYSICS II.** Waves. (Prerequisite: 176 and Corequisite: Math. 152) Laboratory.

275 **GENERAL PHYSICS III.** Electricity and Magnetism. (Prerequisite: 177 and Corequisite: Math. 210) Laboratory.

276 **GENERAL PHYSICS IV.** Statistical Physics. (Prerequisite: 275 and Corequisite: Math. 211) Laboratory.

277 **GENERAL PHYSICS V.** Modern Physics. (Prerequisite: 276 and Math. 211) Laboratory.

295 **METHODS OF THEORETICAL PHYSICS I.** Topics such as infinite series, complex functions, matrices, vector algebra, probability. (Prerequisite: 275 and Corequisite: Math 211) (Also offered as Math. 295)

296 **METHODS OF THEORETICAL PHYSICS II.** Topics such as Vector calculus, Fourier series, calculus of variations, partial differential equations. (Prerequisite: 296 and Math 211) (Also offered as Math. 296)

317 **MECHANICS I.** (Prerequisite: 296)

318 **MECHANICS II.** (Prerequisite: 317)

320 **ELECTRICITY AND MAGNETISM I.** (Prerequisite: 317)

321 **ELECTRICITY AND MAGNETISM II.** (Prerequisite: 320)

331 **MODERN CIRCUIT THEORY.** Network analysis in the complex frequency domain, principal network theorems, transfer functions by an inspection method. (Prerequisite: 370 and 395)

336 **ELECTRONIC CIRCUITS.** Electronic devices, equivalent circuits, feedback, modulation, noise, information theory. (Prerequisite: 370 or consent)

345 **THERMAL PHYSICS.** Statistical interpretation of the laws of thermodynamics and physical applications. (Prerequisite: 317 and Chemistry 196)

354 **OPTICS.** (Prerequisite: 277 or consent)

367 **MODERN PHYSICS.** (Prerequisite: 277 and 296)

368 **QUANTUM MECHANICS.** (Prerequisites: 367 and 395)

370 **EXPERIMENTAL PHYSICS I.** Electric circuits, electronics, electrical measurements. (Prerequisite: 277 or consent) Laboratory.

371 **EXPERIMENTAL PHYSICS II.** Data analysis with examples from nuclear physics. (Prerequisites: 367 and 370 or consent) Laboratory.

372 **EXPERIMENTAL PHYSICS III.** Nuclear physics, applications to accelerator physics. (Prerequisite: 371) 2 hours. Laboratory.

373 **EXPERIMENTAL PHYSICS IV.** Atomic and molecular physics. (Prerequisite: 372 or consent) 2 hours. Laboratory.

374 **EXPERIMENTAL PHYSICS V.** Solid-state physics. (Prerequisite: 372) 2 hours. Laboratory.

375 **EXPERIMENTAL PHYSICS VI.** Elective topics with emphasis on laser physics and holography. (Prerequisite: 372 or consent) 2 hours. Laboratory.

395 **METHODS OF THEORETICAL PHYSICS III.** Special functions, complex integration, integral transforms, and other advanced topics. (Prerequisite: 296) (Also offered as Math 395)

398 **READING AND RESEARCH.** (Prerequisite: Consent) Variable credit.

399 **INDEPENDENT STUDY.** (Prerequisite: Consent) Variable credit.
COURSES IN PROGRAM II — All courses carry 4 hours credit.

110 BASIC ELECTRONICS. Principles and techniques. Laboratory.
111 ELECTRONIC INSTRUMENTATION. Functional applications, particularly to biological and psychological measurements. Laboratory.
112 COMMUNICATIONS. Applications of electronics to the transmission and storage of information. Optional laboratory.
160 THE HUMAN BODY AS A PHYSICAL SYSTEM. Analysis of the application of the laws of physics to the human body and its parts. Laboratory.
204 SOLAR AND SPACE PHYSICS. Description of the ionosphere, Van Allen belts, cosmic rays, solar wind and the energy of stars. Optional laboratory.
205 MATERIALS AND MAN. Electric and magnetic properties of materials, the four phases of matter, and applications to man's daily life. Optional laboratory.
215 LIGHT AND PHOTOGRAPHY. Image formation, the human eye, microscopes, telescopes, cameras, polarization, interference, coherence and lasers. Laboratory.
224 THE ENVIRONMENT OF SOUND. Production and transmission of waves in fluids and solids. Applications to music, acoustics and noise pollution. Laboratory.
240 ROLE OF PHYSICS IN MAN'S DEVELOPMENT. Consequences to society of discoveries in physics. Study of key experiments. Optional laboratory.
289 CONTEMPORARY PHYSICS AND ITS IMPACT ON SOCIETY. Recent developments and problems in physics and related fields and their implications for society.

ADDITIONAL COURSES OFFERED BY THE DEPARTMENT — All courses carry 4 hours credit unless otherwise specified.

150 GENERAL PHYSICS. Mechanics and Heat. (Prerequisite: Math. 130 or equivalent) Laboratory.
151 GENERAL PHYSICS. Waves, sound, and light. (Prerequisite: 150) Laboratory.
152 GENERAL PHYSICS. Electricity, magnetism, and modern physics. (Prerequisite: 151) Laboratory.
155 GENERAL PHYSICS. Equivalent to 150 plus half of 151, Summer only. (Prerequisite: Math 130 or equivalent) 6 hours. Laboratory.
156 GENERAL PHYSICS. Equivalent to half of 151 plus 152, Summer only. (Prerequisite: 155) 6 hours. Laboratory.
316 MECHANICS. (Prerequisites: 152 and Math. 152)
324 ELECTRICITY AND MAGNETISM. (Prerequisites: 152 and Math. 152)
335 ELECTRONIC CIRCUITS. (Prerequisite: 152 and Math. 152)
337 ELECTRONIC CIRCUITS. (Prerequisite: 152 and Math. 152)
340 THERMAL PHYSICS. (Prerequisite: 152 and Math. 152)
355 ATOMIC PHYSICS. (Prerequisite: 152 and Math. 152)
366 NUCLEAR AND HIGH ENERGY PHYSICS. (Prerequisite: 152 and Math. 152)
380 ADVANCED LABORATORY. (Prerequisite: 152 and Math. 152) Variable credit. Laboratory.
391 METHODS OF THEORETICAL PHYSICS. (Prerequisite: 152 and Math. 152)

FACULTY

Thomas G. Stinchcomb, Ph.D., Chairman and Professor
Julius J. Hupert, Ph.D., Professor
Edwin J. Schillinger, Ph.D., Professor
Mary L. Boas, Ph.D., Associate Professor
Zuhair M. El Saffar, Ph.D., Associate Professor
Donald O. Van Ostenburg, Ph.D., Associate Professor
James J. Vasa, M.S., Associate Professor
Anthony F. Behof, Ph.D., Assistant Professor
Gerard P. Lietz, Ph.D., Assistant Professor
James M. Fiovar, Ph.D., Assistant Professor
Margaret M. Stautberg, Ph.D., Assistant Professor
Pon-Nyong Yi, Ph.D., Assistant Professor
George Corso, M.S., Lecturer
Department of Political Science

Courses offered in Political Science are designed to prepare students for a life of responsible citizenship, to instruct them in the mechanics of government, and to acquaint them with the essentials of political theory. Political Science courses help to prepare students for government service, law school, journalism, social service, business, teaching, and diplomacy. Political Science courses are oriented toward the liberal arts rather than toward technical vocational training.

PROGRAM OF CONCENTRATION

Major Concentration

Political Science majors are required to complete a minimum of twelve Departmental courses with no grade lower than C. Political Science 103 and 104 are prerequisites for all advanced courses. Political Science 300, 305 or 306, 330, 340, 341, and five Departmental courses of the student's choice complete the requirement. A student majoring in Political Science will take most of his 300-level courses at the Lincoln Park Campus.

Allied Fields

All majors should work out with their advisors a program to complement the required Political Science courses. Areas normally recommended are history, economics, sociology, psychology, and geography. Courses in English composition, speech and statistics are also recommended. Pre-law students are urged to take accounting.

Political Science majors are encouraged but not required to study a foreign language. In consultation with his academic advisor, each student should evaluate his need for a language in terms of his plans for the future.

Students earning a degree from the College of Liberal Arts and Sciences must meet the language requirement of that college. The student planning to pursue graduate study should equip himself with two essential research tools — a modern language and a knowledge of statistics.

SAMPLE PROGRAM IN POLITICAL SCIENCE

**Freshman Year**
Political Science 103 or 104
Allied Fields & Electives: 4 courses
De Paul College: 6 courses

**Sophomore Year**
Political Science: 103 or 104, 305 or 306, and 330.
Allied Fields & Electives: 3 courses
De Paul College: 6 courses

**Junior Year**
Political Science 300, 340, 341
Allied Fields & Electives: 4 courses
De Paul College: 4 courses

**Senior Year**
Political Science: 5 courses of choice
Allied Fields & Electives: 4 courses
De Paul College: 2 courses

COURSES — All courses carry 4 hours credit.

Political Science 103 and 104 are prerequisite courses for all advanced courses.

103 U.S. FEDERAL GOVERNMENT. Survey of U.S. government with emphasis on the Constitution, federalism, and separation of powers.

104 U.S. STATE AND LOCAL GOVERNMENT. Governments of the fifty states and their local subdivisions. Special attention is given to Illinois.

300 RESEARCH AND METHODOLOGY. Research techniques, evaluation of source materials, and development of skills in library research and writing.

301 SCOPE AND METHOD. Major concepts, trends, approaches and methods in the modern study of Political Science.

302 SURVEY RESEARCH. Empirical methods and survey research as applied to the study of politics and public opinion.

305 COMPARATIVE GOVERNMENT: EUROPE. Major European governments, including their political orientation, party structure, and social and economic institutions.

306 COMPARATIVE GOVERNMENT: ASIA. Political ideas, processes and institutions in China, Japan and Korea.

307 GOVERNMENT AND POLITICS OF DEVELOPING NATIONS. Comparative study of selected countries of the non-Western world that are in a developmental stage.
GOVERNMENT AND POLITICS OF SOUTHEAST ASIA. Comparative survey of countries of Southeast Asia in terms of geography, economic life, traditions, and political institutions.

NATIONAL DEFENSE POLICIES. National defense in the U.S. in the 20th century, including money, manpower and strategy.

ARMS LIMITATION AND DISARMAMENT. Technical, political and economic problems involved in the limitation of armaments.

PUBLIC ADMINISTRATION. Governmental bureaucracy, intergovernmental relations, administrative organization, controls, and regulations.

PUBLIC PERSONNEL ADMINISTRATION. Selection, classification and supervision of public servants, including discipline and morale factors.

AFRICAN POLITICS. Comparative study of selected African countries that have achieved political independence.

AFRO-AMERICAN POLITICS. Political trends and organizations within the black community in the United States.


WORLD POLITICS. Principles and problems of international relations, including various approaches to world order.


POLITICAL THOUGHT I. Political thought of the ancient world, including Plato, Aristotle, Cicero and the medieval world to Machiavelli.

POLITICAL THOUGHT II. Political thinkers of the modern era, including Hobbes, Locke, Rousseau and Marx.

SENIOR SEMINAR—World Politics.

SENIOR SEMINAR—Russo-American Relations.

SENIOR SEMINAR—National Security.

SENIOR SEMINAR—Constitutional Law.

SENIOR SEMINAR—Comparative Government.

SENIOR SEMINAR—Contemporary Political Thought.

Senior seminars are intensive individual research on specific topics. Open only to a small group of advanced students.

U.S. CONSTITUTIONAL HISTORY TO 1815. Colonial charters, Articles of Confederation, and drafting and adoption of the U.S. Constitution.


U.S. CONSTITUTIONAL HISTORY SINCE 1920.

U.S. FOREIGN RELATIONS, 1783-1869.

U.S. FOREIGN RELATIONS, 1869-1914.

U.S. FOREIGN RELATIONS SINCE 1914.

THE LEGISLATIVE PROCESS. Legislative politics in the U.S. Congress and in selected states.

POLITICAL PARTIES: ORGANIZATION AND FUNCTION. Nature and function of political parties in the U.S. and selected foreign countries.

CONSTITUTIONAL LAW—FEDERALISM. U.S. Constitution and selected Supreme Court cases related to federalism.

CONSTITUTIONAL LAW—CIVIL LIBERTIES. U.S. Constitution and selected Supreme Court cases related to civil liberties.

PROBLEMS IN CONTEMPORARY AMERICAN DIPLOMACY. American participation in regional and world-wide organizations and treaties, economic diplomacy, containment of communism, wars of liberation.

PROPAGANDA TECHNIQUES. Use of mass communications media to influence thinking and action of people by special interest groups and governments.

INDEPENDENT STUDY. Individual research by an advanced student under direct supervision of a member of the faculty. Admission by consent of Chairman.

FACULTY

Harry C. Thomson, Ph.D., Associate Professor and Chairman
Stanley S. Jados, Ph.D., Professor
Bashir Ahmad, M.A., Instructor
Minkyu Cho, M.A., Instructor
Raymond H. Scheele, M.A., Instructor
Leo Boughton, M.A., Lecturer
Kendal C. Byrnes, Ph.D., J.D., Lecturer
Richard F. Counts, Jr., J.D., Lecturer
Thomas J. Grippando, J.D., Lecturer
Arnold S. Levy, B.A., Lecturer
Greta W. Salem, M.A., Lecturer
Gerald L. Sharboro, J.D., Lecturer
Sabi Shabtai, M.A., Lecturer
Charles Jeff Williams, B.D., Lecturer
Department of Psychology

The goal of the Department of Psychology is to thoroughly acquaint students with the methodology and content of scientific psychology with emphasis on the quantitative methods and scientific rigor needed to understand human behavior and personality.

PROGRAMS OF CONCENTRATION

Major students must register for Psychology 105 and 106 before taking courses numbered 275 or higher. All majors are urged to complete Psychology 242, and those courses in Experimental Psychology required by their specific program, as early as possible. The courses required for each program are specified below; allied field courses must be determined in consultation with the advisor.

Students earning a degree from the College of Liberal Arts and Sciences must meet the language requirement of that college. Majors who plan to do graduate work in psychology are advised to complete the three Intermediate courses in French, German or Russian.

Program I — B.A. Degree Sequence. For those students who wish to major in psychology for its liberal, humanizing values, or as a general background for graduate study in psychology.
Requirements: 40 hours beyond Psychology 106, as follows:
Psychology 242, 275, 276 or 277, 305, 351, 361, and four additional courses.
Other requirements must be determined in consultation with the advisor.

Program II — B.A. Degree, Human Development Sequence. Designed for students who, while not intending to do graduate work in Psychology, plan on a career in services to children and adults, such as in education, social work, mental retardation, and other applied areas, or who are interested in Psychology as a general background.
Requirements: 40 hours beyond Psychology 106, as follows:
Psychology 242, 275, 305, 333, 334, and five additional Psychology courses.
Other requirements must be determined in consultation with the advisor.

Program III — B.S. Degree Sequence. Designed for students seeking a B.S. degree and planning on a career in Psychology, including the pursuit of graduate studies in the science of Psychology.
Requirements: 40 hours beyond Psychology 106, as follows:
Psychology 242, 275, 276, 277, 356, 360, 361, 377, and two additional Psychology courses.
Twenty hours in Biology or Mathematics, or divided between Biology and Mathematics. This additional science requirement is to be determined in consultation with the advisor.

Program IV — Combined Undergraduate-Graduate Program leading to the Master of Arts degree. This program is designed for the superior student in Program I or Program III and normally requires five years for completion. Candidates should consult with the Department Chairman during the second quarter of the junior year to make application to the Graduate School.

ADVANCED COURSES

An exceptional student who has completed the required courses in experimental Psychology may, upon consent of his advisor and the Chairman, be admitted in his senior year to certain 400-level courses described in the Graduate School Bulletin.

SAMPLE PROGRAM IN PSYCHOLOGY

**Freshman Year**
- Psychology 105, 106, 242
- Mathematics 130
- Allied Fields or Elective: 1 course
- De Paul College: 6 courses

**Sophomore Year**
- Psychology 275, 276 or 277 (or two other required courses)
- Modern Language: 3 courses (if required)
- Allied Fields & Electives: 2 courses (Biology or Mathematics for B.S. majors)
- De Paul College: 5 courses

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Junior Year
Psychology 305 and two courses of choice
Allied Fields & Electives: 2 courses
(Biology or Mathematics for B.S. majors)
De Paul College: 5 courses

Senior Year
Psychology: 3 courses of choice
Allied Fields & Electives: 4 courses
(One Biology or Mathematics course for B.S. majors)
De Paul College: 2 courses

COURSES — All courses, except 120, carry 4 hours credit.

105  GENERAL PSYCHOLOGY I
106  GENERAL PSYCHOLOGY II (Prerequisite: 105)
120  DATA PROCESSING. 1 hour. The use of IBM data processing equipment, the design of
schedules, coding and other procedures for the analysis of scientific data. (Cross-listed with
Sociology 120.) Materials fee: $5.00

242  ELEMENTARY STATISTICS. Descriptive and inferential statistics in the behavioral sciences.
(Prerequisite: Mathematics 130 or three years of high school mathematics.) Laboratory. (Cross-
listed with Sociology 242.)

275  EXPERIMENTAL PSYCHOLOGY I. Design, execution, analysis, and interpretation of psycho-
lological research. (Prerequisite: 106 and 242) (Laboratory fee: $7.00)
276  EXPERIMENTAL PSYCHOLOGY II. Introduction to experimental psychology of learning.
(Prerequisite: 275) (Laboratory fee: $7.00)
277  EXPERIMENTAL PSYCHOLOGY III. Research methods in sensation and perception; psycho-
physical techniques. (Prerequisite: 275 or 276 or consent) (Laboratory fee: $7.00)

280  CONTEMPORARY ISSUES. Psychological aspects of topics of current interest and relevance.
(Prerequisite: 106)

301  TESTS AND MEASUREMENTS. Survey of psychological testing with emphasis on test con-
struction and interpretation of scores. (Prerequisite: 105) (Materials fee: $5.00). May be taken
for credit only by majors in the Human Development sequence and by non-majors. May not be
taken for credit if Psychology 356 has been successfully completed (passed with a grade of C or
better).

302  PERSONAL ADJUSTMENT AND MENTAL HEALTH. Introduction to psychological prin-
ciples involved in personality and interpersonal adjustments. (Prerequisite: 105)

305  SOCIAL PSYCHOLOGY. Study of the influence of group life on behavior and personality
development. (Prerequisite: 106) (Cross-listed with Sociology 305.)

312  INDUSTRIAL PSYCHOLOGY. The application of psychological principles of learning, percep-
tion, and adjustment to industry. (Prerequisite: 106)

333  DEVELOPMENT PSYCHOLOGY I. Infancy and Childhood. Description and evaluation of
principles and theories of development from conception through childhood. (Prerequisite: Psy-
chology 106)

334  DEVELOPMENT PSYCHOLOGY II. Adolescence through Maturity. Continuation of 333
covering development, personality organization, and adjustment. (Prerequisite: 333)

336  HUMAN DEVELOPMENT. A survey of principles of development from conception through
maturity. (Prerequisite: 105) May not be taken for credit by psychology majors.

351  THEORIES OF PERSONALITY. Survey of theories of personality, emphasizing distinction be-
tween clinical and scientific theories. (Prerequisite: 106)

352  PSYCHOLOGY OF PREJUDICE. (Prerequisite: 106)

353  ABNORMAL PSYCHOLOGY. Description of the nature, symptoms, and etiology of psycho-
lological disorders. (Prerequisite: 106)

354  ECOSYSTEMS AND BEHAVIOR. (Prerequisite: 305)
355  SMALL GROUPS AND LEADERSHIP. (Prerequisite: 305)

356  INTRODUCTION TO PSYCHOLOGICAL MEASUREMENT. Measurement in psychology;
emphasized on standardization, reliability, validity, test and scale development. (Prerequisites:
106 and 242) (Materials fee: $3.00)

357  SOCIAL DEVIANCCE. (Prerequisite: 305)

THEORIES OF LEARNING. Survey of classical and modern theories of learning. (Prerequisite:
275 or consent)

361  HISTORY AND SYSTEMS OF PSYCHOLOGY. Historical analysis of basic concepts in psy-
chology. (Prerequisite: 275 or consent)

362  COGNITIVE PROCESSES. Processes by which stimulus input is transformed, stored, recovered
and used; abstraction processes. (Prerequisite: 106)

366  BEHAVIOR PROBLEMS OF CHILDREN. (Prerequisite: 333)

367  PSYCHOLOGY OF EXCEPTIONAL CHILDREN. (Prerequisite: 333)

368  COMPUTER PROGRAMMING. Development of FORTRAN programs for computing statistics.
(Prerequisite: 242 or consent) (Laboratory fee: $15.00) (Cross-listed with Sociology 368.)

370  RESEARCH METHODS IN DEVELOPMENTAL PSYCHOLOGY. (Prerequisite: 334)

372  RESEARCH METHODS IN SOCIAL PSYCHOLOGY. (Prerequisite: 275)

375  PERCEPTION. Environmental and stimulus control of behavior; chemical control of perception.
(Prerequisite: 277)

377  PHYSIOLOGICAL PSYCHOLOGY. The nervous system and endocrine functions as related to
behavior. (Prerequisite: 275)
COMPARATIVE PSYCHOLOGY. Patterns of behavior shown by various animal species. (Prerequisite: 106)

STATISTICS FOR THE BEHAVIORAL SCIENCES. Applied inferential statistics. (Prerequisite: 242)

PSYCHOLOGY OF ALIENATION. Causes of individual and group alienation, and the resultant behavior. (Prerequisites: 305 and 351)

PSYCHOLOGY OF LANGUAGE. Development of language in children and effects of language in thinking. (Prerequisite: 360)

ADVANCED TOPICS IN PSYCHOLOGY. (Prerequisite: Senior standing and consent of Chairman)

FIELD WORK AND STUDY. Supervised experience in selected off-campus settings, and associated readings. (Prerequisite: Junior standing and consent of Chairman)

READING AND RESEARCH. (Prerequisite: Senior standing and consent and consent of Chairman)

FACULTY

Edwin S. Zolik, Ph.D., Professor and Chairman
Robert E. Brewer, Ph.D., Associate Professor
Thomas S. Brown, Ph.D., Associate Professor
Conrad Chyatte, Ph.D., Associate Professor
Frank A. Dinello, Ph.D., Associate Professor
Ernest J. Doleys, Ph.D., Associate Professor
Frederick H. Heliizer, Ph.D., Associate Professor
Albert S. Rodwan, Ph.D., Associate Professor
Audrey Shechtman, Ph.D., Associate Professor
William Terris, Ph.D., Associate Professor
Mari J. K. Brown, Ph.D., Assistant Professor
Philip F. Caracena, Ph.D., Assistant Professor
Carolyn T. Cochrane, Ph.D., Assistant Professor
Louise Ferone, M.S.W., Adjunct Assistant Professor
Richard J. Hamersma, Ph.D., Assistant Professor
Wesley A. Lamb, Ph.D., Assistant Professor
Robert J. Tracy, Ph.D., Assistant Professor
Programs in Social Sciences

The interdisciplinary program in Social Sciences seeks to provide a broad social scientific understanding of contemporary society. It is designed for career-oriented students in social sciences areas and prospective teachers.

A. PROGRAM OF CONCENTRATION

Because of the interdisciplinary nature of these programs, major and allied field requirements are merged into a 60 hour concentration in the relevant fields: economics, geography, history, political science, psychology, and sociology.

While great freedom of choice is characteristic in this program, the required distribution of studies shall be: 24 hours in one department, 20 hours in a second, and a total of 16 hours from two other departments. At least 36 hours must be selected from courses at the 300-level. Business Mathematics 142 or Psychology or Sociology 242 is required of all Social Science majors. Students earning a degree from the College of Liberal Arts and Sciences must meet the language requirement of that college. A broad distribution of elective courses is encouraged.

Programs are planned on an individual basis in consultation with a representative of the Social Sciences Faculty Committee. Interested students should contact the committee Chairman. Prospective teachers should consult the Dean of the School of Education regarding course selection since teacher certification is involved.

SAMPLE PROGRAM IN SOCIAL SCIENCES

**Freshman Year**
- Mathematics 130 or
- Business Mathematics 126
- Sociology 242 or Psychology 242 or
- Business Mathematics 142
- Economics, Geography, History, Political Science, Psychology or Sociology: 4 introductory courses
- De Paul College: 5 courses

**Sophomore Year**
- Primary field: 3 courses
- Secondary field: 2 courses
- Tertiary field: 1 course
- De Paul College: 6 courses

**Junior Year**
- Primary field: 2 courses
- Secondary field: 1 course
- Allied Fields & Electives or elective language: 3 courses
- De Paul College: 5 courses

**Senior Year**
- Primary field: 1 course
- Secondary field: 2 courses
- Tertiary field: 1 course
- Fourth field: 2 courses
- Allied Fields & Electives or elective Language: 3 courses
- De Paul College: 2 courses

B. PROGRAMS OF CONCENTRATION FOR STUDENTS IN THE SCHOOL OF EDUCATION

Because of the interdisciplinary nature of these programs, major and allied field requirements are merged into a 56 hour concentration in the relevant fields: economics, geography, history, political science and sociology. It is expected that the education student will select one primary field to total 24 hours, one secondary field to total 12 quarter hours, one tertiary field to total 12 quarter hours, and a fourth field to total 8 quarter hours. Sample programs and recommended courses must be discussed with an advisor from the committee.

FACULTY COMMITTEE
- Albert Erlebacher, Ph.D., Associate Professor of History and Chairman of the Committee
- Francis J. Brown, Professor of Economics
- Frederick Hellizer, Ph.D., Associate Professor of Psychology
- Harry C. Thomson, Ph.D., Associate Professor of Political Science
- Dr. Virginia Ford, Associate Professor, Nursing
- Gerald W. Ropka, M.A., Assistant Professor of Geography
- Albert E. Galowitch, M.A., Instructor of Sociology

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Department of Sociology

The offerings of the Department of Sociology are designed to provide basic information, methodology, and theory that will help students understand the nature and processes of social life. This academic training aims at giving individuals a better chance to play a constructive role in their own communities and/or to pursue careers in professions directly related to sociological knowledge and training. Such professions include sociological research, personnel in business, governmental, and philanthropic organizations; administrators for public and private welfare, rehabilitation, civic, recreational, police, and correctional agencies; teachers and administrators in urban public and private elementary and high schools; sociological academicians at the university level and social workers of every category.

For those majoring in Sociology, the undergraduate program constitutes the foundation for higher academic professional training to be pursued at the graduate level. For those whose career interest lies outside sociology, department offerings provide some interesting analyses and interpretations of contemporary social life.

PROGRAM OF CONCENTRATION

Major Concentration

Sociology 201, 242, 331, 380, 381 and additional 300-level courses in sociology, for a total of at least forty hours, are required.

According to the language requirement established for the College of Liberal Arts and Sciences, 12 quarter hours of a foreign language are also required. All sociology majors are urged to continue in language at least to course 106. Spanish is recommended for students interested in cross-cultural studies.

Allied fields

Students will make selections from allied fields in consultation with their departmental advisors. Allied fields include economics, education, English, geography, history, management, marketing, mathematics, political science, psychology, and language requirement of the College of Liberal Arts and Sciences.

SAMPLE PROGRAM

Freshman Year
Mathematics 130
Sociology 242
Language: 3 courses
De Paul College: 6 courses

Junior Year
Sociology 302, 303, 304, 306, 331
Allied Fields and Electives: 3 courses
De Paul College: 5 courses

Sophomore Year
Sociology 201, 305
Language: 3 courses
Allied Field or Elective: 1 course
De Paul College: 5 courses

Senior Year
Sociology 320, 330, 345, 380, 381
Allied Fields and Electives: 3 courses
De Paul College: 2 courses

*Substitute allied fields and electives when the language requirement is completed.

COURSES — All courses carry 4 hours credit unless otherwise stated.

120 DATA PROCESSING. (Cross-listed with Psychology 120.) 1 hour

201 SYSTEMATIC SOCIOLOGY. Emphasis on the basic concepts and ideas of sociological theory and research.

242 ELEMENTARY STATISTICS. (Cross-listed with Psychology 242.) (Prerequisite: Mathematics 130)

300 SOCIOLOGY OF METROPOLITAN AREAS. For students in Commerce, Education and Music. Does not apply toward the major in Sociology.

302 CULTURAL ANTHROPOLOGY. Culture as the characteristic of human societies; brief review of stages of human morphological and cultural development as interdependent aspects; illustrations of cultural diversity and cultural change.

303 MINORITY RELATIONS. Interpretations and understanding of relationships between religious, ethnic and racial groups.
SOCIAL DEVIATION. The course attempts an analysis of the various theoretical positions in the sociology of deviant behavior.

SOCIAL PSYCHOLOGY. (Cross-listed with Psychology 305.)

FAMILY. Description and analysis of family structure and process at various stages in the life cycle.

BLACK INSTITUTIONS: AFRICAN FAMILY AND KINSHIP

THIRD WORLD POLITICS AND BLACK POWER

SOCIOLGY OF WOMEN. Considers biological/psychological influence on women, roles women play, woman's positions in American institutions, old and new feminist movements.

CRIMINOLOGY. Analysis of theories of causality and control of crime and delinquency; criminal law and social values; direct observation of correctional institutions and/or community centers of prevention and rehabilitation.

TREATMENT OF DELINQUENCY I: Public agencies. Course requires field trips.

TREATMENT OF DELINQUENCY II: Public agencies. Course requires field trips.

SOCIALIZATION. Synthesize relevant psychological and sociological perspectives and research concerning the process whereby neophytes acquire the values, beliefs, role expectations, etc., of a group or life style into which they are being initiated.

HISTORY OF SOCIAL THOUGHT. Introduction to early social philosophers and "classical sociologists" concerned with man and society. Emphasis on non-Christian sources.

SOCIOLOGICAL THEORY. Exploration of contemporary theories in the field of sociology.

INDUSTRIAL SOCIOLOGY. Characteristics of industrialized societies; social relationships inside industrial organizations.

SOCIAL DIMENSIONS OF RELIGION. Analysis of influence of societal structures on religion.

URBAN SOCIOLOGY. Study of selected aspects of urban areas such as rural-urban transition, human ecology, slums and suburbs, city planning.

COMPUTER PROGRAMMING. (Cross-listed with Psychology 368.) (Prerequisite: Psychology 242 or consent.) (Laboratory fee: $10.00.)

RESEARCH METHODS IN SOCIOLOGY I. Student initiates his own research project, pursues its investigation and analysis and interpretation through 381. (Prerequisites: 242, 301)

RESEARCH METHODS IN SOCIOLOGY II. (Prerequisite: 380)

SEMINAR. Special topics in sociology. (Prerequisite: Permission of Chairman)

PRACTICUM IN DELINQUENCY PREVENTION. This course requires field work.

READING AND RESEARCH. (Prerequisites: Senior standing and permission of the Chairman) 2 or 4 hours.

INDEPENDENT STUDY. (Prerequisites: Senior standing and permission of the Chairman) 2 or 4 hours.

FACULTY

Rosemary S. Bannan, Ph.D., Associate Professor

Helmut H. Loiskandl, Ph.D., Associate Professor

Lavinia Raymond, Ph.D., Associate Professor

Roberta Ash, Ph.D., Assistant Professor

Nancy Klein, M.A., Assistant Professor

Judith Williams, Ph.D., Assistant Professor

Leland Barringer, M.A., Instructor

Albert E. Galowitch, M.A., Instructor

Charles Suchar, M.A., Instructor

Grace De Santis, M.S.I.R., Lecturer

Pierre de Vise, M.A., Lecturer

Lenroy Gebhart, M.A., Lecturer

Sandra Husbands, M.A., Lecturer

Donald F. Klein, M.A., Lecturer

Anthony Sorrentino, B.S., Lecturer
Department of Speech and Drama

The curriculum of the Department of Speech and Drama aims to meet the needs of those students who desire to obtain knowledge of these subject areas as part of their general education, to prepare future teachers of speech and drama, to provide academic preparation for graduate study, and to prepare students for related professional work.

PROGRAM OF CONCENTRATION

Courses required are Speech 203, 204, 212, 230, and the six laboratory courses: 360, 361, 362, 363, 364, 365. In addition speech majors must elect two courses in Public Address, two in Drama, two in Interpretative Reading, and two from the speech curriculum at large, making a total of 54 quarter hours.

ALLIED FIELDS

Speech and drama majors who plan to do graduate work must complete course 106 of a modern language. Students earning a degree from the College of Liberal Arts and Sciences must meet the language requirement of that college.

SAMPLE PROGRAM IN SPEECH AND DRAMA

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Sophomore Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speech: 4 courses</td>
<td>Speech: 4 courses</td>
</tr>
<tr>
<td>Allied Fields &amp; Electives or Modern Language*: 3 courses</td>
<td>Allied Fields &amp; Electives or Modern Language*: 3 courses</td>
</tr>
<tr>
<td>De Paul College: 6 courses</td>
<td>De Paul College: 6 courses</td>
</tr>
<tr>
<td>Junior Year</td>
<td>Senior Year</td>
</tr>
<tr>
<td>Speech: 5 courses</td>
<td>Speech: 4 courses</td>
</tr>
<tr>
<td>Allied Fields &amp; Electives: 4 courses</td>
<td>Allied Fields &amp; Electives: 4 courses</td>
</tr>
<tr>
<td>De Paul College: 4 courses</td>
<td>De Paul College: 2 courses</td>
</tr>
</tbody>
</table>

*Substitute Allied Fields & Electives when the language requirement is completed.

COURSES – All courses carry 4 hours credit, unless otherwise specified.

202 GROUP DISCUSSION. Principles, types and methods of oral group problem solving.
203 INTERPRETATIVE READING. Basic principles and practice in the reading aloud of drama, prose and poetry before an audience.
204 PUBLIC SPEAKING. A beginning course dealing with principles, methods and practice in effective audience communication.
212 VOICE AND ARTICULATION. Student works for pleasing vocal production and enunciation through the study of the vocal mechanism and its proper use.
214 VOICE AND ARTICULATION LAB. (Prerequisite: 212). Voice science is more fully explored with particular stress on vocal faults and dialectal variations.
221 ARGUMENTATION AND DEBATE. Application of the theories and practice of argumentation and reasoning to current controversial problems.
230 STUDIES IN THEATER HISTORY. Traces evolution of theater as an institution. Causes determining the nature of drama in given epochs are explored.
300 STUDIES IN AMERICAN PUBLIC ADDRESS. Historical analysis of the role and functions of speech making in American society.
311 INTERPRETATIVE READING OF POETRY. (Prerequisite: 203). Treats of particular problems inherent in the reading aloud of poetry for performance.
312 ACTING. Student works to develop imagination, concentration, observation, emotional recall, and vocal and bodily techniques.
313 ACTOR'S WORKSHOP. Emphasizes intensive rehearsal and continual performance, simulating conditions of a repertory company.
314 INTRODUCTION TO TECHNICAL THEATER. Principles of design, construction, painting, mounting, and lighting of stage settings.
315 DIRECTING. (Prerequisites: 312, 314). Elements and theories of directing. Student directs a production for public viewing.
321 PERSUASION. A study of the principles that govern the responses of individuals and groups to oral communication.
324 RHETORICAL CRITICISM. The study of the developing theories of critical analysis of public address.
READER'S THEATER. Participation in the reading performance of a play or plays, and practice in preparation of a script for Reader's Theater.

CHAMBER THEATER. Involves script preparation and group performance of narrative fiction, emphasizing the dramatic values of that form.

PLAYWRITING. Plot, character, dramatic structure, and dialogue are among elements studied. Student writes at least one complete play.

THE TEACHING OF SPEECH IN SECONDARY SCHOOLS. (Prerequisite: one speech course). Areas, methods, materials, administration of extra-curricular program.

SPEECH LABORATORY I. 1 hour.

SPEECH LABORATORY II. 1 hour.

SPEECH LABORATORY III. 1 hour.

SPEECH LABORATORY IV. 1 hour.

SPEECH LABORATORY V. 1 hour.

SPEECH LABORATORY VI. 1 hour.

INDEPENDENT STUDY IN SPEECH. Credit variable. (Prerequisite: 12 hours in Speech, grade point average of 3.0, and consent of chairman).

FACULTY

Frank Andersen, Ph.D., Chairman and Associate Professor
Ruth Lukaniitsch, Ph.D., Assistant Professor
Virginia Rutherford, Ph.D., Assistant Professor
John O'Malley, M.A., Assistant Professor, on leave
Tony Dzik, M.A., Instructor
Department of Theology

The Department of Theology offers courses that are a substantial development of the theological discipline. Theology is the formal and disciplined study of religion. Religion is the sum of mankind’s relentless quest to encounter God. For this reason those other cultural phenomena, the art forms, the history, the institutions, the sciences do all have a religious dimension.

Departmental courses are designed to broaden this dimension and to enrich the curriculum and the insight of every student. Through theological studies students come to learn how religion has been and continues to be a major cultural phenomenon and how religious traditions significantly affect cultural development.

The Department of Theology offers students the opportunity to complete a major in Theology (Program I) or an associate major in Theology (Program II). These programs will be of particular interest to those who expect to pursue graduate studies in Theology, but may also be considered in view of the integrating value of Theology in relation to other disciplines. Students who wish to study in Theology under either plan should request assignment to a departmental faculty advisor. He will allow the greatest possible freedom in planning the individual program of studies.

PROGRAMS OF CONCENTRATION

Programs I and II

1. Completion of 210, 211, 220, 221 by the end of the sophomore year (exceptions with the approval of the advisor).
2. The student is expected to consult with his departmental advisor on course selection. Under his direction in the senior year an integrating thesis should be prepared and submitted to the department. The thesis will demonstrate the student’s awareness of theological method and the areas of theological concern by dealing with one or several traditional or contemporary issues.

Program I. Major in Theology—Eight courses in Theology beyond the basic requirement.

Program II. Associate Major in Theology—Students specializing in other fields may with their advisor’s approval earn an Associate Major in Theology. Requirements: Four courses in Theology beyond the basic requirement.

Allied Fields

Courses in areas of interest to the student are to be determined upon in individual consultation with Departmental advisors. The student must complete the College of Liberal Arts and Sciences language requirement.

SAMPLE PROGRAM IN THEOLOGY

**Freshman Year**
Theology: three courses chosen from 210, 211, 220, 221
Allied Fields & Electives: 2 courses
De Paul College: 6 courses

**Sophomore Year**
Theology: one course remaining from 210, 211, 220 and 221; and two courses of choice
Allied Fields & Electives: 3 courses
De Paul College: 5 courses

**Junior Year**
Theology: 4 courses of choice
Allied Fields & Electives: 3 courses
De Paul College: 5 courses

**Senior Year**
Theology: 3 courses of choice
Allied Fields & Electives: 6 courses
De Paul College: 2 courses

**COURSES** — All carry 4 hours credit. All 300-level courses require permission of the instructor.

202 MARRIAGE-HOME-FAMILY. Practical treatment of the relationships and values of modern Christian marriage.

210 STUDIES IN OLD TESTAMENT HISTORY AND LITERATURE. Present-day critical study of the Old Testament.

STUDIES IN EARLY CHRISTIAN THOUGHT. Theologies of the patristic age.

STUDIES IN MEDIEVAL CHRISTIAN THOUGHT. Great theological themes of the chief thinkers of the Middle Ages.

MODERN RELIGIOUS THINKERS. Thought of contemporary theologians from various Judeo-Christian traditions.

THE PROBLEM OF EVIL. Theories of good and evil and the problem of living with evil.

PROTESTANTISM AS A QUESTION TO ROMAN CATHOLICISM. The serious questions raised by the Reformers seen as living concerns through the study of some leading controversial topics.

THE CHURCH IN REVELATION. The way the church has manifested itself through the centuries.

EARLY CHRISTIAN ICONOGRAPHY. Theology as the molder of art and architecture through Byzantium to A.D. 800. (Cross-listed with Art 241).

MEDIEVAL ICONOGRAPHY. Theology in art through the Ottonian, Romanesque, Gothic, and late Gothic eras. (Cross-listed with Art 242).

THEOLOGICAL THEMES AND MODERN ART. Contemporary artists and movements expressing theological themes. (Cross-listed with Art 243).

CHRISTIAN FAITH AND MORAL PROBLEMS. Content and rationale of Christian teaching on sex, politics, war, etc.

HISTORICAL TYPES OF CHRISTIAN ETHICS. Ways in which the Christian ethical life has been understood.

THE CHRISTIAN AND VIOLENCE. The grounds and limits of a Christian use of force to effect social and political change.

HUMAN RESPONSIBILITY. The dynamic of morality in Häring, Bonhoeffer, Niebuhr, and Johann.

THE PROBLEM OF HUMAN SEXUALITY. Five modern sexual problems discussed against a theologico-historical background.

THE PROBLEM OF GOD. The problem of the demonstrability of God's existence, "natural theology," providence and predestination, etc.

THE CHURCH AND THE MODERN WORLD. The constitution Gaudium et Spes against the background of Catholic history since Plaxis IX.

HISTORY OF THE AMERICAN RELIGIOUS EXPERIENCE. Emphasis on the cultural and ethnic background of Catholic and Protestant developments.

AFRO-AMERICAN CONTRIBUTIONS TO RELIGION. Thought of modern black leaders including Martin Luther King, Jr.

WORSHIP. An overview of the liturgico-sacramental life of Christianity.

MYTH AND WISDOM IN ANCIENT ISRAEL. Function of myth in understanding reality and the origin and nature of Old Testament "wisdom." (Prerequisite: Course 210).

PROPHETS OF ANCIENT ISRAEL. Nature, forms, and function of Hebrew propheticism. (Prerequisite: Course 210)

THEOLOGICAL DIMENSIONS OF GENESIS. Principal theological themes of Genesis, chiefly of the first eleven chapters. (Prerequisite: Course 210).

MORALITY AND CHRISTIAN ECUMENISM. Catholic and Protestant ethics in regard to contemporary moral problems.

PROBLEMS IN CHRISTIAN ETHICS. Specific theoretical problems presented by divine heteronomy, human autonomy, etc.

SITUATION ETHICS: ITS PROMISE AND PROBLEMS. Theological and cultural roots of situation ethics, its successes and failures, prospects for the future.
330 THE GOD QUESTION. Meaning of God past and present, in Christianity and other religions.
331 THE MYSTERY OF CHRIST. Development of New Testament Christology through the classic period and into modern times.
341 CULTURE AND RELIGION. Meaning of culture and the relationship of religion to the building up of man's life-world.
342 THE THOUGHT OF TEILHARD DE CHARDIN. Major themes of Teilhard's thought evaluated. (Cross-listed with Philosophy 342).
343 THE SOCIAL DIMENSION OF RELIGION. Phenomena through the methodology of sociology.
344 MYTHS IN RELIGION AND POLITICS. Political science in a theological perspective.
345 THE THEOLOGY OF HISTORY. Representative Christian and non-Christian concepts of history and the interrelation of Christianity and history.
346 NINETEENTH CENTURY PROTESTANT THOUGHT. Selected Protestant religious thinkers analyzed and criticized in the context of their times.
347 TWENTIETH CENTURY PROTESTANT THOUGHT. Several leading figures in Protestant thought since the First World War studied, compared and contrasted, and criticized.
350 NEW TESTAMENT PROBLEMS. Various theologies of the New Testament writings. (Prerequisite: 211)
369 OLD TESTAMENT PROBLEMS. Selected questions involving history vs. kerygma, Old Testament relevancy, etc. (Prerequisite: 210)
371 THEOLOGY AND PRAGMATISM. Mutual influence on each other of pragmatic philosophy and American religion.
380 THE CHANGING FACE OF THEOLOGY. Study of the history of the discipline.
399 INDEPENDENT STUDY. (Prerequisites: Senior standing and permission of the Chairman)

FACULTY

F. Bruce Vawter, C.M., S.S.D., Professor and Chairman
John H. McKenzie, S.T.D., Professor
Hugo N. Amico, O.S.B., S.T.D., Associate Professor
John D. Cossman, S.T.D., Associate Professor
Charles J. Curtis, Ph.D., Associate Professor
Helmut H. Loiskandl, S.V.D., Ph.D., Associate Professor
Patrick V. O'Brien, C.M., S.T.D., Associate Professor
William H. VanderMarc, Ph.D., Associate Professor
John P. Weissengoff, S.T.D., Associate Professor
Dale R. Althoff, M.A., Assistant Professor
Walter T. Brennan, O.S.M., Ph.D., Assistant Professor
Paul F. Camenisch, Ph.D., Assistant Professor
Edmund J. Fitzpatrick, S.T.D., Assistant Professor
John M. Lechy, O.S.M., Assistant Professor

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SCHOOL OF EDUCATION

Austin M. Flynn, Ph.D., Acting Dean

William F. Puckett, M.Ed.
Administrative Assistant to the Dean
Program Counselor

Curriculum
Departments
Courses
Faculty
SCHOOL OF EDUCATION

The School of Education prepares teachers for elementary and secondary schools. It also provides for the professional preparation of personnel who have specialized roles in education, such as counselors, principals, and supervisors of instruction. Professional services are provided to schools and social agencies appropriate to the special competencies of the faculty. Research in education and related areas of knowledge is an important function of the School.

The School assumes the responsibility for guiding students interested in professional education in selecting those experiences which will help them achieve their individual goals. These experiences include course work provided by the School, courses pursued in other colleges of the University, and various educational experiences engaged in by the student beyond the confines of the immediate campus.

The School believes that professional education means more than the acquisition of knowledge and skills required for successful job performance. It believes that professional education should be concerned with the continued development of those social and personal attitudes, ethical standards, and ideals of service compatible with professional and social responsibility. Programs in the School aim to meet the needs of individuals for these competencies and characteristics.

Although the School has the major responsibility for the preparation of teachers, all faculties of the University have a joint responsibility for the organization and implementation of the total program in teacher education. Programs of study for prospective teachers are given direction by the Senate Subcommittee on Teacher Education.

The School of Education programs are accredited by the National Council for Accreditation of Teacher Education and the State Teacher Certification Board, State of Illinois.

The undergraduate teacher education programs are administered by the Department of Undergraduate Teacher Education and supported by the Graduate Departments of Educational Psychology and Guidance and Counseling, Curriculum and Instruction, and Educational Foundations—Social, Historical, Philosophical.

PROGRAMS IN TEACHER EDUCATION

The School of Education offers the following programs for prospective teachers in elementary and secondary education:

1. Elementary Education, leading to the Bachelor of Science or the Bachelor of Arts degree in Elementary Education. The student qualifies for the Standard Elementary Teaching Certificate.

2. Secondary Education, leading to the Bachelor of Arts degree in Secondary Education with a major in English, Geography, History, Mathematics, Modern Languages, Social Science, or Speech. The Student qualifies for the Standard High School Teaching Certificate.

3. Secondary Education, leading to the Bachelor of Science degree in Secondary Education with a major in Biology, Chemistry, Mathematics, or Physics. The student qualifies for the Standard High School Teaching Certificate.

4. Business Education, leading to the Bachelor of Science in Business Education degree. The student qualifies for the Standard High School Teaching Certificate.

5. Physical Education, leading to the Bachelor of Science in Physical Education degree. The student qualifies for the Standard Special Certificate for teaching in the elementary and secondary school.

6. Art Education, leading to the Bachelor of Arts degree in Art Education. The student qualifies for the Standard Special Certificate for teaching in the elementary and secondary school.

In addition the School of Education jointly administers programs in Music Education with the School of Music.
REQUIREMENTS FOR ADMISSION TO PROGRAMS AND THE SCHOOL OF EDUCATION

Students entering from De Paul College, and Liberal Arts and Science:

Science:
1. A minimum Grade Point Average of 2.000.
2. An approved Inter-College Transfer.
3. Counseling Interview and acceptance by Program Counselor in the School of Education.
4. Proper Applications and Forms completed and returned to School of Education.

DEGREE-SEEKING TRANSFER STUDENTS

1. Acceptance by Admissions Office, De Paul University.
2. A minimum Grade Point Average of 2.000.
3. Counseling Interview and acceptance by Program Counselor in the School of Education.
4. Proper Applications and Forms completed and returned to School of Education.

CERTIFICATION STUDENT

The student who has a bachelor’s degree and desires to pursue a certification program leading to a teaching certificate for the State of Illinois must enroll in the School of Education as a non-degree-seeking undergraduate student and receive permission to register for courses in Education from a faculty adviser.

1. Must have a Bachelor Degree from an accredited College or University.
2. (Seniors at De Paul University, who desire Certification, may request Certification Status during their last quarter.)
3. Counseling Interview and acceptance by Program Counselor in the School of Education.
4. Proper Applications and Forms completed and returned to School of Education.
STUDENT TEACHING

1. Completed 100 hours of approved work with children and registered in Education 095.
2. Proper Applications and Forms completed and returned to School of Education.
3. Speech Course successfully completed.
4. References:
   Three references are required for each program. At least one reference should be from the area of specialization. All other references should be from professors in the School of Education.
5. A Grade Point of 2.000 in all Professional Education Courses and courses in Major Teaching Area.

OFFICE OF TEACHER PLACEMENT

Director, John P. Eyman, Ph.D.

The School of Education offers placement services for its graduates. Graduating seniors desiring such services when seeking a teaching position should register with the Office of Teacher Placement. (Fee: $5.00)

SCHOOL OF EDUCATION — REGULATIONS

1. Day Students registered in the School of Education must enroll for a minimum of 12 quarter hours and must have permission from his Program Counselor in School of Education to register for courses offered through the Evening Division.
2. An Evening Division Student must have permission from his Program Counselor in School of Education to take courses in the Day Division.
3. Evening Division Students are reminded that a minimum of one academic quarter must be spent as a full-time student to complete degree requirements.
4. All degree programs require a minimum of 180 quarter hours. The student is required to consult with the Program Counselor in the School of Education about specific requirements pertaining to his program.
5. All students in the School of Education are required to take the following examinations:
   A. United States and Illinois Constitution Examination.
   B. National Teacher Examination.
   C. Undergraduate Program Examination.
Programs of Study
Department of Undergraduate Teacher Education

Department Chairman, John P. Eyman, Ph.D.

The Department of Undergraduate Teacher Education offers programs in Art Education, Business Education, Elementary Education, Physical Education, and Secondary Education. The Department also cooperates with the School of Music in preparing music teachers. For complete details on all professional programs, the student can obtain descriptive materials from the School of Education offices.

Programs in Art Education
Program Director: John P. Eyman, Ph.D.
Cecile Small, Ed. Spec.

Programs in Art Education prepare teachers of Art for Elementary and Secondary Schools. Successful completion of the program leads to the Bachelor of Science Degree in Art Education.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN ART EDUCATION DEGREE

General Education
De Paul College courses.
English 200 and 300
Mathematics (1 course)
Speech 202, 203, or 204 (1 course)
Social Science: One course must be taken in U.S. History or U.S. Government
Teaching Major: The student is required to complete a teaching or academic Art major of a minimum of 48 quarter hours. For detailed information consult the Departmental Chairman of the teaching major, the Program Director of Art Education, and the Departmental sections in this bulletin.

Physical Education
A total of seven quarter hours, including two activity courses.
Military Science can be substituted by men.

Professional Education
207, 332, 333, 342 or 344, 357 or 356 (for in-service teachers only), 360, 380, 383, 392

Programs in Business Education
Program Director, Don Jester, Ph.D.
Gloria Soiya, M.S.
Gladys Bahr, M.A.

Programs in Business Education prepare teachers of business subjects for secondary schools. Three programs are provided in Business Teacher Education. Program-A is designed for prospective teachers of stenography; Program-B, for prospective teachers of bookkeeping; and Program-C, for prospective teachers of basic business subjects. Successful completion of the program leads to the Bachelor of Science degree.
REQUIREMENTS FOR ALL PROGRAMS IN BUSINESS EDUCATION

General Education
De Paul College Courses.

Liberal Arts
English 200 and (300 or Management 231).
Mathematics: 125 and 126. 4 hours in Accounting may substitute for one Math course.
Speech 202 or 203 or 204.
Social Science: One course in United States History or United States Government.

Physical Education
Physical Education 205 or 206 and two activity courses. Military Science or regular military duty can be substituted by men.

Professional Education
Education 207, 332, 333, 360, 380, 095.

REQUIREMENTS FOR PROGRAM A — OFFICE EDUCATION
Business Education 363, 367, 393, 394.

Teaching Major:
Business Education 110, 112, 114, 118, 119 (Stenography*).
Business Education 130, 134, 136, 138, 142 (Typing*).
Business Education 144, 150.
Accountancy 101, 102, 103.
Management 101, 231.
Economics 103.

REQUIREMENTS FOR PROGRAM B — BOOKKEEPING AND ACCOUNTING
Business Education 367, 368, 393, 394.

Teaching Major:
Business Education 130, 134, 136, 138, 142 (Typing*).
Business Education 144.
Accounting 101, 102, 103, 203, 204, 205.
Management 101, 231.
Economics 103.

REQUIREMENTS FOR PROGRAM C — GENERAL BUSINESS
Business Education 367, 369, 393, 394.

Teaching Major:
Business Education 130, 134, 136, 138, 142 (Typing*).
Business Education 144.
Accounting 101, 102, 103.
Economics 103.
Management 101, 231.
Marketing 101 and elective.

*Students who have previously acquired skills may begin typewriting and shorthand at a level for which they are qualified. Hours of credit equal to the hours substituted must be earned in courses taken in the College of Commerce or in Business Education electives.

Programs in Elementary Education
Program Director: John P. Eyman, Ph.D.
Cecile Small, Ed. Spec.
Anthony Sola, Ph.D.

The program in Elementary Education prepares teachers for early childhood education (grades K-3) and for the teaching of older children (grades 4-8). The program for the Bachelor of Science degree includes a major concentration in elementary education, while the Bachelor of Arts program includes two areas of major concentration, one in Professional Education and one in an academic Area of Concentration.
REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

General Education
De Paul College Courses.

Liberal Arts
   English 200, 303.
   Mathematics (Two courses).
   Geography 124.
   Sociology 300.
   Speech 202 or 203 or 204.
   Social Sciences: one course in United States History or United States Government.
   Electives: selected with the aid of adviser.

Physical Education
Physical Education 205 and 317 and one activity course. Military Science or regular
Military Service can be substituted by men.

Professional Education
Education 207, 316, 317, 326, 331 or (353 & 358), 332, 333, 360, 380, 381 or
382 (or 343 for current full-time teachers only), 385, 387, 095.

Programs in Secondary Education
Program Director: John P. Eyman, Ph.D.
Peter Pereira, Ph.D.

Programs in Secondary Education are offered in the teaching fields of English,
Geography, History, Mathematics, Modern Languages, Social Science, and Speech leading
to the Bachelor of Arts degree.

Programs for the Bachelor of Science degree in Secondary Education are offered
in Biology, Chemistry, Mathematics, and Physics.

REQUIREMENTS FOR THE BACHELOR OF ARTS OR SCIENCE DEGREE

General Education
De Paul College courses.

Liberal Arts
   English 200 and 300 (or 301 for English majors only).
   Language: This requirement will vary according to the teaching major selected, or
   degree conferred. The student should consult with his faculty adviser and study
   the Departmental sections in this bulletin.
   Mathematics (two courses).
   Speech 202 or 203 or 204.
   Social Science: One course in United States History or United States Government.
   Teaching Major: The student is required to complete a teaching or academic major
   of a minimum of 48 hours. For detailed information consult the Departmental
   Chairman of the teaching major, the Program Director of Secondary Education,
   and the Departmental sections in this bulletin.

Physical Education
Physical Education 205 or 206 and two activity courses. Military Science or regular
Military Service can be substituted by men.

Professional Education
Education 207, 332, 333, 357, (or 356 for current full-time teachers only), 360,
380, 390, 391, 095.
Programs in Physical Education
Program Director, Kenneth Sarubbi, M.S., P.E.D.
Jean Nordberg, M.S.
James Seri, M.S.
Raymond Nakamura, M.S.
Mildred Shemluck, B.S.

Programs in Physical Education prepare teachers of physical education for elementary and secondary schools. Successful completion of the programs leads to the Bachelor of Science degree in Physical Education.

REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

General Education

De Paul College courses.

Liberal Arts

Biology 305 and 307.
English 200 and 300 or 301.
Mathematics (two courses).
Speech 202 or 203 or 204.
Social Science: One course in United States History or United States Government. (4 hours)
Electives: Selected with aid of an adviser.

Professional Education

Education 207, 332, 333, 360, 380, 095.
Physical Education 372, 386, 379.

Teaching Major

Physical Education 303, 304, 341, 373 or 345, 351, 352.
Electives: One course from P.E. 205, 206, 342, 374, 395.

For Women Majors

Movement Analysis I—Rhythmic and Choreographic Foundations. 6 hours chosen from Physical Education 111, 113, 211, 213, 215.
Movement Analysis III—Gymnastics Foundations. Physical Education 151, 253 or 254.
Movement Analysis IV—Team and Individual Sports Foundations. 8 courses chosen from Physical Education 171, 173, 172 or 174, 175, 176, 177, 180, 276, 277.

For Men Majors

Movement Analysis II—Foundation of Aquatics. Physical Education 121, 122, 233.
Movement Analysis III—Foundations of Gymnastics. Physical Education 151, 263 or 264. (3 hours)
Movement Analysis IV—Foundations of Individual and Team Sports. 9 courses chosen from Physical Education 180, 181, 182, 183, 184, 185, 186, 187, 276, 277.
Programs of Study for a
Supporting Area in Physical Education

The programs outlined below are intended for the student who desires to develop
a supporting teaching area in Physical Education. These requirements are added to those
listed for the degree programs in elementary and secondary education.

Program A — Elementary Education

Physical Education 303, 317, 341, 373 or 345.
Foundations: Physical Education 122, 172 or 182, 176 or 186, 173 or 183, 180,
213.

Program B — Secondary Education

Physical Education 303, 372, 341, 373, or 345.
Foundations: 8 hours chosen from Physical Education 122, 151, 171 or 181, 172
or 182, 173 or 183, 175 or 185, 176 or 186, 177 or 187, 215, 276 or 277.

Programs in Music Education

The School of Education and the School of Music have cooperative programs for
the preparation of teachers of vocal and instrumental music for both the elementary and
secondary school. The degree, Bachelor of Music, with a teaching major in Music is
awarded upon completion of the program. Further information is contained in the
School of Music, Programs section of this bulletin.

Programs For Teacher Certification

The School of Education offers an opportunity for graduates of accredited colleges
and universities to prepare for a career in teaching in elementary or secondary schools.
Successful completion of the requirements for a certification program leads to a teaching
certificate for the State of Illinois in the area of the student's specialization.

For complete details on admission requirements and procedures for the certification
program, the student is referred to the bulletin, Certification Programs for Teaching in
Elementary and Secondary Schools, obtainable in the School of Education offices.

COURSES OFFERED

All courses carry 4 hours credit unless otherwise noted.

095 LABORATORY EXPERIENCE WITH CHILDREN AND YOUTH. One hundred hours of
observation and participation experiences with children and youth in a school or social agency.
Non-credit. Open to all University students. (A prerequisite for student teaching)

EDUCATIONAL FOUNDATIONS-SOCIAL, HISTORICAL, AND PHILOSOPHICAL

207 SOCIAL AND HISTORICAL FOUNDATIONS OF AMERICAN EDUCATION. (Prerequisite:
sophomore standing)

380 PHILOSOPHICAL FOUNDATIONS OF EDUCATION. (Prerequisite: Permission of adviser)

PSYCHOLOGICAL FOUNDATIONS OF EDUCATION

332 HUMAN GROWTH AND DEVELOPMENT I. Childhood. 3 hours.
333 HUMAN GROWTH AND DEVELOPMENT II. Adolescence. 3 hours.
360 EDUCATIONAL PSYCHOLOGY AND MEASUREMENT OF LEARNING

ART EDUCATION

342 TEACHING ART IN THE ELEMENTARY SCHOOL. (Materials Fee: $5.00)
344 WORKSHOP IN ART EDUCATION. (Materials Fee: $7.50)
383 ELEMENTARY STUDENT TEACHING IN ART EDUCATION AND SEMINAR. 5 hours.
392 SECONDARY STUDENT TEACHING IN ART EDUCATION AND SEMINAR: 5 hours.
ELEMENATRY EDUCATION

316 ESTHETICS IN THE ELEMENTARY SCHOOL CURRICULUM. (Materials Fee: $5.00)
317 PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.
319 TEACHING MUSIC IN THE ELEMENTARY SCHOOL.
351 TEACHING MATHEMATICS AND SCIENCE IN THE ELEMENTARY SCHOOL. 6 hours.
(Materials Fee: $5.00)
343 PRINCIPLES AND PRACTICES OF TEACHING IN THE ELEMENTARY SCHOOL. (For full-time teachers only)
344 WORKSHOP IN ART EDUCATION. (Materials Fee: $7.50)
348 EDUCATIONAL PROGRAMS FOR THE YOUNG CHILD, PRE-SCHOOL AND KINDERGARTEN.
350 EDUCATIONAL PROGRAMS FOR THE PRIMARY SCHOOL.
353 TEACHING SCIENCE IN THE ELEMENTARY SCHOOL. (Materials Fee: $5.00)
355 EDUCATIONAL PROGRAMS FOR THE MIDDLE SCHOOL, OLDER CHILDREN.
358 TEACHING MODERN MATHEMATICS IN THE ELEMENTARY SCHOOL.
364 GEOGRAPHY FOR TEACHERS. (May be taken for credit in Education or Geography)
362 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.
372 AUDIO-VISUAL MATERIALS AND METHODS
381 PRACTICUM IN CURRICULUM AND INSTRUCTION IN THE ELEMENTARY SCHOOL—YOUNG CHILDREN. 6 hours (Prerequisite: 207, 332, 333, 360 and permission of advisor)
382 PRACTICUM IN CURRICULUM AND INSTRUCTION IN THE ELEMENTARY SCHOOL—OLDER CHILDREN. 6 hours (Prerequisite: 207, 332, 333, 360 and permission of advisor)
385 STUDENT TEACHING. 9 hours. (Prerequisite: See Student Teaching Section). Autumn and Spring quarters only.
386 PRACTICUM IN CURRICULUM AND INSTRUCTION—by special arrangement only. (5 hours)
387 STUDENT TEACHING SEMINAR—ELEMENTARY EDUCATION. 1 hour. (Prerequisite: 385)
399 INDEPENDENT STUDY (Prerequisite: Permission of advisor) 1 to 2 hours.
397 ASTRONOMY FOR TEACHERS

SECONDARY EDUCATION

335 THE JUNIOR HIGH SCHOOL
356 PRINCIPLES AND PRACTICES OF TEACHING IN THE SECONDARY SCHOOL.
357 PRACTICUM IN CURRICULUM AND INSTRUCTION IN THE SECONDARY SCHOOL. (Prerequisites: 207, 332, 333, 360)
390 STUDENT TEACHING, 9 hours. (Prerequisite: See Student Teaching section. Prerequisite: 391) Autumn and Spring quarters only.
391 STUDENT TEACHING SEMINAR—SECONDARY EDUCATION. 1 hour. (Prerequisite: 390)
399 INDEPENDENT STUDY (Prerequisite: Permission of adviser) 1 to 2 hours.

READING AND LANGUAGE ARTS

326 TEACHING READING AND LANGUAGE ARTS IN THE ELEMENTARY SCHOOL. 6 hours.
399 INDEPENDENT STUDY (Prerequisite: Permission of advisor) 1 to 2 hours.
370 INTRODUCTION TO LIBRARY SCIENCE FOR TEACHERS.
371 SEMINAR IN READING PROBLEMS IN THE SECONDARY SCHOOLS

BUSINESS EDUCATION

110 GREGG SHORTHAND THEORY I
112 GREGG SHORTHAND THEORY II. (Prerequisite: 110)
114 INTERMEDIATE SHORTHAND, GREGG. (Prerequisite: 112)
118 ADVANCED SHORTHAND, GREGG. (Prerequisite: 114)
119 ADVANCED TRANSCRIPTION TECHNIQUES. (Prerequisite: 118)
130 TYPING I. 3 hours. (Typewriter Fee: $7.50)
134 TYPING II. 3 hours. (Prerequisite: 130) (Typewriter Fee: $7.50)
136 TYPING III. 3 hours. (Prerequisite: 134) (Typewriter Fee: $7.50)
138 ADVANCED TYPING. 3 hours. (Prerequisite: 136) (Typewriter Fee: $7.50)
142 PRODUCTION TYPING. 3 hours. (Prerequisite: 138) (Typewriter Fee: $7.50)
144 OFFICE MACHINES. 3 hours. (Laboratory Fee: $7.50)
150 SECRETARIAL PROCEDURES. (Prerequisites: 118 and 138) (Laboratory Fee: $7.50)
210 ADVANCED DICTATION. (Prerequisites: 122 and 142)
221 LEGAL SHORTHAND. (Prerequisite: Dictation rate of 100 words per minute with high accuracy)
222 MEDICAL STENOGRAPHY. For nurses, receptionists and general medical office help. (Prerequisite: Dictation rate of 100 words per minute)
LEGAL SECRETARIAL PROCEDURES. (Prerequisite: 221)

DATA PROCESSING IN THE SECONDARY SCHOOL

METHODS, MATERIALS, AND EVALUATION IN TEACHING SHORTHAND. (Pre-
requisite: 8 hours of shorthand)

METHODS, MATERIALS, AND EVALUATION IN TEACHING TYPEWRITING. (Pre-
requisite: 8 hours of typewriting)

METHODS, MATERIALS, AND EVALUATION IN TEACHING BOOKKEEPING. (Pre-
requisite: 8 hours of accounting)

METHODS, MATERIALS, AND EVALUATION IN TEACHING BASIC BUSINESS
SUBJECTS.

BUSINESS EDUCATION STUDENT TEACHING. Supervised observation and teaching of
business education subjects in a cooperating school. 9 hours. (Prerequisite: See Student Teaching
sections. Prerequisite: 394)

STUDENT TEACHING SEMINAR—BUSINESS EDUCATION. 1 hour. (Prerequisite: 393)

INDEPENDENT STUDY (Prerequisite: Permission of advisor) 1 to 2 hours.

PHYSICAL EDUCATION

051 RHYTHMS (Men and Women) 2 hours.
052 FOLK AND SOCIAL DANCE (Men and Women) 2 hours.
053 SWIMMING (Men and Women) 2 hours.
055 TENNIS (Men and Women) 2 hours.
056 GOLF (Men and Women) 2 hours.
057 BADMINTON-VOLLEYBALL (Men and Women) 2 hours.
058 BEGINNING JUDO (Men and Women) 2 hours.
059 ARCHERY (Men and Women) 2 hours.
111 BALLET (Women) 2 hours.
113 TAP (Women) 2 hours.
121 SWIMMING (Beginners—Men and Women) 1 hour.
122 LIFE SAVING (Prerequisite: Physical Education 121) 1 hour.
151 FORMAL AND GENERAL GYMNASTICS (Men or Women) 1 hour.
171 FIELD HOCKEY (Women) 2 hours. Offered alternate years.
172 VOLLEYBALL (Women) 1 hour. Offered alternate years.
173 SOCCER—SPEEDBALL (Women) 2 hours. Offered alternate years.
174 ARCHERY and BADMINTON (Women) 1 hour.
175 SOFTBALL (Women) 1 hour. Offered alternate years.
176 TRACK AND FIELD (Women) 1 hour. Offered alternate years.
177 BASKETBALL (Women) 1 hour. Offered alternate years.
180 ELEMENTARY SCHOOL GAMES (Men and Women) 2 hours.
181 FOOTBALL (Men) 2 hours. Offered alternate years.
182 VOLLEYBALL (Men) 1 hour. Offered alternate years.
183 SOCCER—SPEEDBALL (Men) 2 hours. Offered alternate years.
184 WRESTLING (Men) 1 hour. Offered alternate years.
185 BASEBALL (Men) 1 hour. Offered alternate years.
186 TRACK AND FIELD (Men) 1 hour. Offered alternate years.
187 BASKETBALL (Men) 1 hour. Offered alternate years.
205 SEMINAR IN SELECTED HEALTH PROBLEMS (Men and Women) 3 hours.
206 PERSONAL AND COMMUNITY HEALTH. 3 hours.
211 MODERN DANCE—MODERN JAZZ (Women) 2 hours.
213 BASIC RHYTHMS (Men and Women) 2 hours.
215 FOLK AND SOCIAL DANCE (Men and Women) 2 hours.
233 AQUATIC INSTRUCTORS (Men and Women) (Prerequisite: Physical Education 121-122 or
life saving certification and instructor's approval) 1 hour.
253 HEAVY APPARATUS AND TUMBLING I (Women) 2 hours.
254 HEAVY APPARATUS AND TUMBLING II (Women) 2 hours.
263 HEAVY APPARATUS AND TUMBLING I (Men) 2 hours.
264 HEAVY APPARATUS AND TUMBLING II (Men) 2 hours.
276 TENNIS (Men and Women) 1 hour.
277 GOLF (Men and Women) 1 hour.
278 FUNDAMENTALS OF OFFICIATING (Men and Women) 2 hours.
303 ATHLETIC INJURIES AND FIRST AID. 4 hours.
304 SCHOOL HEALTH PROGRAMS. 4 hours.
340 COMMUNITY RECREATION. 2 hours.
341 HISTORY, ORGANIZATION, AND ADMINISTRATION OF PHYSICAL EDUCATION.
4 hours.
352 PHYSIOLOGY OF EXERCISE (Prerequisite: Anatomy and Physiology) 4 hours.
345 INTRAMURAL SPORTS FOR GIRLS AND WOMEN. 4 hours.
355 PHYSIOLOGY OF EXERCISE (Prerequisite: Anatomy and Physiology) 4 hours.
EDUCATIONAL PSYCHOLOGY AND MEASUREMENT OF LEARNING. 4 hours.

PRACTICUM IN METHODS AND INSTRUCTIONAL MATERIALS IN PHYSICAL EDUCATION (Prerequisites: Education 207, 332, 360) 4 hours.

INTRAMURAL AND INTERSCHOLASTIC SPORTS (Men) 4 hours.

ADAPTED PHYSICAL EDUCATION (Prerequisite: Anatomy and Physiology) 2 hours.

ELEMENTARY STUDENT TEACHING IN PHYSICAL EDUCATION AND SENIOR SEMINAR. 5 hours.

SECONDARY STUDENT TEACHING IN PHYSICAL EDUCATION AND SENIOR SEMINAR. 5 hours.

CLINICAL OBSERVATION AND PRACTICE IN CORRECTIVE THERAPY (Prerequisite: Senior or Graduate Standing) 6 hours or 10 hours.

INDEPENDENT STUDY. (Special Request by Director) 1 to 2 hours.

FACULTY

Austin M. Flynn, Ph.D., Associate Prof. and Acting Dean
Don Dinkmeyer, Ph.D., Professor
John P. Eyman, Ph.D., Assoc. Prof. and Chairman, Dept. of Udg. Teacher Edu.
Urban H. Fleege, Ph.D., Professor
Wm. E. Gorman, Ed.D., Assoc. Prof. and Chairman, Psychology and Guidance and Counseling
Irma T. Halfter, Ph.D., Professor and Univ. Examiner
Andrew T. Kopan, M.A., Assist. Prof. and Chairman, Dept. of Educational Foundations
John C. Lynch, Ph.D., Professor and Chairman, Dept. of School Administration
Alfred L. Papillon, Ph.D., Prof. and Chairman, Dept. of Curriculum and Instruction

ASSOCIATE PROFESSORS

Rita Jennings, Ph.D.
Don Jester, Ph.D.
Edward Riley, C.M., Ph.D.
James Seri, M.S.
Cecile Small, Ed. Spec.
Edward Stout, Ph.D.
B. Everard Blanchard, D.D.
Edward Ignas, Ph.D.
Jean Nordberg, M.S.
Peter Pereira, M.A.T.
Kenneth F. Sarubbi, Ph.D.
Hans A. Schieser, Ph.D.
Gloria Sotya, M.S.
Anthony T. Sohn, Ph.D.
John Taccarino, Ph.D.
Gladys Bahr, M.A., Adjunct Prof. and Lecturer

LECTURERS

Charles Cerreigino, M.A.
Irene M. Dillon, M.A.
William Edgell, M.B.A.
William D. Frank, B.A.
Bernardine M. Hayes, B.P.E.
Gerard J. Heing, Ph.D.
Galen M. Jarvis, Ed.D.
Maida Koenigsheld, M.A.
Mike Lag, M.A.
Ann M. Lally, Ph.D.
Michael M. Litt, M.A.
William J. Nichol, Ed.D.
Thomas O'Reilly, M.A.
Carolyn Pereira, M.S.
John Powers, M.A.
Willard Rudiger, M.A.

INSTRUCTORS

John Bohan, M.Ed.
Olga Kaszubowski, Ph.D.
Raymund Nakamura, M.S.
Mildred Shemluck, B.S.
SCHOOL OF MUSIC

Leon Stein, Ph.D., Dean

Wesley M. Vos, Ph.D.
Administrative Assistant to the Dean

Curriculum
Programs
Courses
Faculty
THE SCHOOL OF MUSIC

The specific objectives of the School of Music are to provide opportunity for growth towards professional competence in areas of adult music activities and to prepare students for careers as: 1) administrators and classroom teachers from the grade school through the college level; 2) solo or ensemble performers in concert, opera, orchestra, band or choir; 3) private teachers of voice and instruments; 4) directors of band, orchestra or choir; 5) church organists; 6) composers and arrangers.

The School of Music offers courses to develop knowledge and promote research in the field of music. Additionally, it instructs both the advanced student and the beginner, including not only those seeking a degree but also the preparatory or special student not studying for credit. As a division of the Fine Arts, the School of Music participates in The De Paul College, Humanities Division offerings required of all students.

CURRICULUM

De Paul University confers the degree of Bachelor of Music with majors in Piano, Organ, Voice, Strings, Winds, Percussion, Composition, Church Music and Music Education. All academic courses necessary for these undergraduate music degrees are offered through the Colleges of De Paul University. The Bachelor of Arts degree with a major sequence in Music Theory is offered in conjunction with the College of Liberal Arts and Sciences. Music credit is applicable towards degrees in all Colleges of the University. Students majoring in music may take part in the University ROTC program.

FACULTY AND FACILITIES

Members of the music faculty, including a significant number of internationally renowned professionals and holders of doctorates, function as teachers, performers, and directors providing exemplary standards of excellence and achievement for the student.

In the Music School the soundproof studios and classrooms are equipped with Steinway grand pianos and high-fidelity phonograph equipment. There are rehearsal rooms and libraries for orchestra, band and chorus, a listening room, a comprehensive library of recordings, the theater’s three-manual Möller organ, and the great organ of the University Church for major recitals.

PERFORMANCES

Performance groups include the University Community Symphony Orchestra, Concert Band, Mixed Choir, Opera Workshop, Stage Band, Military Band, and ensembles composed of both faculty and student members.

Appearance as soloist with the De Paul University Community Symphony is awarded to talented students of the School of Music who qualify on the basis of competitive auditions held before a jury of prominent Chicago musicians.

ADMISSION REQUIREMENTS IN MUSIC

A knowledge of elementary piano and theory is required of all students for admission to undergraduate music courses. Entrance examinations for placement and classification in music performance and music theory must be taken by all new students and re-entering former students prior to registration.
SCHOLARSHIPS

In addition to University-wide scholarships, grants and loans for which all students are eligible, the following competitive scholarships are awarded to qualified students in the School of Music:

The Orchestral Association Award of $1,000.00 for a student majoring in an orchestral instrument; the Arthur C. Becker $1,000.00 award for a student majoring in instrument, voice or composition; the Herman and Edna Schell $1000 award for pianists or composers; partial scholarships in instruments, voice and composition and a limited number of band and orchestra grants to high school graduates; the Mu Phi Epsilon Award of $100.00 to a student in the field of music performance; the Beta Pi Mu Fraternity Award for one quarter in music performance; $300 award by the Polish Arts Club of Chicago; Marcus and Theresa Levie Educational Fund Grants through the Jewish Vocational Service.

SCHOOL OF MUSIC REGULATIONS

In individual music lesson courses, students are granted two hours of credit for each one half-hour lesson per week throughout a quarter. Lessons or classes missed because of the absence of the teacher will be made up, but student absence or tardiness will not be made up nor will fees be refundable. In addition to private lessons, full time undergraduates must attend during each quarter at least three performance classes and three School of Music programs, either faculty or student recitals or instrumental or choral concerts.

An average grade of not less than B in the major subject is required. A senior must have his major subject classification approved by the Faculty Committee in order to be accepted as a degree candidate. In the final two quarters Bachelor of Music degree candidates are required to complete a course in music integration and a comprehensive oral and written examination in undergraduate theory.
Music Education—General Supervision

General Education
De Paul College Courses.

Liberal Arts
English, 8 hours; Mathematics, 4 hours; Speech, 4 hours; Physical Education, 6 hours; United States History or United States Government, 4 hours.

Professional Education
Education 207, 332, 333, 360, 380.

Music Courses
Applied Music
APM 150 each quarter until a total of ten quarters have been taken.
APM 195 each quarter until a total of four quarters have been taken.
APM 101, 102, 103, 104.

Music Education
MED 201, 203, 204, 341, 352, 376, 392, 393.

Music Ensemble
MEN 121 each quarter except when enrolled in MED 392.

Music History and Literature
MHL 344, 345.

Music Theory and Composition
MTC 298, 307, 313, 330, 373, 374, 375.

SAMPLE PROGRAM FOR MUSIC EDUCATION—GENERAL SUPERVISION

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<th>Autumn</th>
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<td>4 MTC 111-2-3—Theory</td>
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<td>17 hours</td>
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| SOPHOMORE YEAR       |                       |                       |
| 2 APM 150—Piano      | 2 APM 150—Piano       | 2 APM 150—Piano       |
| 1 APM 101—Brass Class| 1 APM 102—Woodwind Class| 1 APM 103—String Class|
| 4 MTC 241-2-3—Theory | 4 MTC 251-2-3—Theory  | 4 MTC 261—Theory      |
| 4 MHL 344—Music History | 4 MHL 345 Music History | 4 English Elective    |
| 1 MEN 121—Choir      | 1 MEN 121—Choir       | 1 MEN 121—Choir       |
| 4 Natural Sciences and Math. | 4 Natural Sciences and Math. | 4 Natural Sciences and Math. |
| 4 Philosophy-Religion | 4 Philosophy-Religion  | 4 Education 207       |
| 20 hours              | 20 hours               | 20 hours              |

123
### JUNIOR YEAR

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<td>MTC 373</td>
<td>Analysis</td>
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<td>APM 104</td>
<td>Percussion Class</td>
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<td>Counterpoint</td>
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<td>Inst. Method</td>
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Total hours: 19

### SENIOR YEAR

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<td>Behavioral Social Sci.</td>
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Total hours: 12

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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>APM 150</td>
<td>Piano (or APM 195)</td>
<td>2</td>
</tr>
<tr>
<td>MTC 374</td>
<td>Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MED 341</td>
<td>Choral Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MTC 375</td>
<td>Analysis Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MTC 275</td>
<td>Analysis</td>
<td>2</td>
</tr>
<tr>
<td>MED 203</td>
<td>Vocal Methods</td>
<td>2</td>
</tr>
<tr>
<td>MED 121</td>
<td>Choir</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Physical Education</td>
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<tr>
<td></td>
<td>Education 333</td>
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Total hours: 18

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<th>Credits</th>
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<tr>
<td>APM 150</td>
<td>Piano (or APM 195)</td>
<td>2</td>
</tr>
<tr>
<td>MTC 376</td>
<td>Music Theatre</td>
<td>2</td>
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<tr>
<td>MED 300</td>
<td>English</td>
<td>4</td>
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<tr>
<td>U.S. History or Government</td>
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Total hours: 16

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<th>Credits</th>
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<td>Piano (or APM 195)</td>
<td>2</td>
</tr>
<tr>
<td>MTC 298</td>
<td>Music Integ.</td>
<td>2</td>
</tr>
<tr>
<td>MTC 313</td>
<td>Acoustics</td>
<td>1</td>
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<tr>
<td>MEN 121</td>
<td>Choir</td>
<td>4</td>
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<tr>
<td></td>
<td>Mathematics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Behavioral Social Science</td>
<td>4</td>
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Total hours: 15
Music Education—Instrumental Supervision

General Education
De Paul College Courses.

Liberal Arts
English, 8 hours; Mathematics, 4 hours; Speech, 4 hours; Physical Education, 6 hours; United States History or United States Government, 4 hours.

Professional Education
Education 207, 332, 333, 360, 380.

Music Courses
Applied Music
Primary Band-Orchestra instrument each quarter until a total of twelve quarters have been completed.
APM 150 each quarter of the Freshman Year.
Secondary Band-Orchestra Instrument each quarter of the Junior Year.
APM 101, 102, 103, 104.

Music Education
MED 201, 204, 297, 341, 352, 392, 393.

Music Ensemble
MEN 101 or 131 each quarter except when enrolled in MED 392.

Music History and Literature
MHL 344, 345.

Music Theory and Composition
MTC 298, 307, 313, 330, 373, 374, 375.

SAMPLE PROGRAM FOR MUSIC EDUCATION—INSTRUMENTAL SUPERVISION

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SPRING</th>
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<tbody>
<tr>
<td><strong>Winter</strong></td>
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<tr>
<td>2 Primary Instrument</td>
<td>2 Primary Instrument</td>
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<tr>
<td>2 APM 150—Piano</td>
<td>2 AMP 150—Piano</td>
</tr>
<tr>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
</tr>
<tr>
<td>1 MEN 101 Band or 131 Orch.</td>
<td>1 MEN 101 Band or 131 Orch.</td>
</tr>
<tr>
<td>4 Humanities</td>
<td>4 Humanities</td>
</tr>
<tr>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
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<table>
<thead>
<tr>
<th><strong>Sophomore Year</strong></th>
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</thead>
<tbody>
<tr>
<td>2 Primary Instrument</td>
<td>2 Primary Instrument</td>
</tr>
<tr>
<td>4 MTC 251-2-3—Theory</td>
<td>4 MTC 261—Theory</td>
</tr>
<tr>
<td>4 MHL 345—Music History II</td>
<td>1 APM 103—String Class</td>
</tr>
<tr>
<td>1 APM 102 Woodwind Class</td>
<td>4 Education 207</td>
</tr>
<tr>
<td>1 MEN 101 Band or 131 Orch.</td>
<td>1 MEN 101 Band or 131 Orch.</td>
</tr>
<tr>
<td>4 Natural Sciences and Math.</td>
<td>4 Natural Sciences and Math.</td>
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<tr>
<td>4 Speech</td>
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<td>20 hours</td>
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125
### JUNIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>2 Primary Instrument</td>
<td></td>
</tr>
<tr>
<td>2 Secondary Instrument</td>
<td></td>
</tr>
<tr>
<td>2 MTC 373—Analysis</td>
<td></td>
</tr>
<tr>
<td>2 MTC 307—Counterpoint</td>
<td></td>
</tr>
<tr>
<td>2 MTC 330—Orchestration</td>
<td></td>
</tr>
<tr>
<td>2 MED 204—Instru. Method</td>
<td></td>
</tr>
<tr>
<td>1 MEN 101 Band or 131 Orch.</td>
<td></td>
</tr>
<tr>
<td>4 Behavioral Social Sci.</td>
<td></td>
</tr>
<tr>
<td>3 Education 332</td>
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<tr>
<td><strong>Total Hours</strong></td>
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### SENIOR YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>2 Primary Instrument</td>
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<tr>
<td>2 MED 297—Voice Class</td>
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</tr>
<tr>
<td>2 MED 352—Inst. Conducting</td>
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</tr>
<tr>
<td>1 Men 101 Band or 131 Orch.</td>
<td></td>
</tr>
<tr>
<td>4 Behavioral Soc. Sci.</td>
<td></td>
</tr>
<tr>
<td>4 English</td>
<td></td>
</tr>
<tr>
<td>2 Physical Education</td>
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<tr>
<td><strong>Total Hours</strong></td>
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</table>
Performance Major in String, Wind or Percussion

General Education
De Paul College Courses.

Music Courses

*Applied Music*
- Primary Instrument each quarter.
- APM 150 each quarter until three quarters have been completed.
- APM 299.

*Music Education*
- MED 337 or 338 or 339, 341, 352.

*Music Ensemble*
- MEN 121 or 131 each quarter in residence.
- MEN 241 or 251 or 261.

*Music History and Literature*
- MHL 344, 345.

*Music Theory and Composition*
- MTC 298, 301, 307, 313, 330, 373, 374, 375.
- Electives: 2 courses.

**SAMPLE PROGRAM FOR A STRING, WIND OR PERCUSSION MAJOR**

**FRESHMAN YEAR**

<table>
<thead>
<tr>
<th>Autumn</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Major Instrument</td>
<td>4 Major Instrument</td>
<td>4 Major Instrument</td>
</tr>
<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
</tr>
<tr>
<td>2 APM 150—Piano</td>
<td>2 APM 150—Piano</td>
<td>2 APM 150—Piano</td>
</tr>
<tr>
<td>1 MEN 131 Orch. or 101 Band</td>
<td>1 MEN 131 Orch. or 101 Band</td>
<td>1 MEN 131 Orch. or 101 Band</td>
</tr>
<tr>
<td>4 Humanities</td>
<td>4 Humanities</td>
<td>4 Humanities</td>
</tr>
<tr>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
</tr>
<tr>
<td>19 hours</td>
<td>19 hours</td>
<td>19 hours</td>
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**SOPHOMORE YEAR**

<table>
<thead>
<tr>
<th>Autumn</th>
<th>Winter</th>
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<tbody>
<tr>
<td>4 Major Instrument</td>
<td>4 Major Instrument</td>
</tr>
<tr>
<td>4 MTC 241-2-3—Theory</td>
<td>4 MTC 251-2-3—Theory</td>
</tr>
<tr>
<td>4 MHL 344—Music Hist. I</td>
<td>4 MHL 345—Music History II</td>
</tr>
<tr>
<td>1 MEN 131 Orch. or 101 Band</td>
<td>1 MEN 131 Orch. or 101 Band</td>
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<tr>
<td>4 Natural Sciences and Math.</td>
<td>4 Natural Sciences and Math.</td>
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<td>17 hours</td>
<td>17 hours</td>
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**JUNIOR YEAR**

<table>
<thead>
<tr>
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<th>Winter</th>
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<tbody>
<tr>
<td>4 Major Instrument</td>
<td>4 Major Instrument</td>
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<tr>
<td>2 MTC 373—Analysis</td>
<td>2 MTC 374—Analysis</td>
</tr>
<tr>
<td>2 MTC 307 Counterpoinrt</td>
<td>1 MEN 131 Orch. or 101 Band</td>
</tr>
<tr>
<td>2 MTC 313—Acoustics</td>
<td>4 Behavioral Social Sci.</td>
</tr>
<tr>
<td>1 MEN 131 Orch. or 101 Band</td>
<td>2 MTC 337 String, 338 Wind, or 339 Perc. Methods</td>
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<td>4 Behavioral Social Sci.</td>
<td>13 hours</td>
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**SENIOR YEAR**

<table>
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<tr>
<th>Autumn</th>
<th>Winter</th>
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<tbody>
<tr>
<td>4 Major Instrument</td>
<td>4 Major Instrument</td>
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<tr>
<td>2 MTC 330—Orchestration</td>
<td>2 Music Theory Elective</td>
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127
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1 Ensemble</td>
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<tr>
<td>2 MTC 301—Composition</td>
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<tr>
<td>1 MEN 131 Orch. or Band</td>
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</tr>
<tr>
<td>4 English</td>
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<tr>
<td>2 MED 341—Choral Cond.</td>
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<tr>
<td>4 Behavioral Social Sci.</td>
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<tr>
<td>14 hours</td>
<td>12 hours</td>
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</table>

*(String, Brass, Wind or Percussion and Mixed Groups)*
Performance Major in Piano

**General Education**
De Paul College Courses.

**Music Courses**

*Applied Music*
APM 150 each quarter, 151, 299.

*Music Education*
MED 281, 282, 332, 341, 352.

*Music Ensemble*
MEN 121 each quarter in residence.
MEN 223, 241 (each quarter senior year).

*Music History and Literature*
MHL 344, 345.

*Music Theory and Composition*
MTC 298, 215, 301, 307, 313, 330, 373, 374, 375.

**SAMPLE PROGRAM FOR A PIANO MAJOR**

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>Winter</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td><strong>Autumn</strong></td>
<td>4 APM 150—Piano</td>
<td>4 APM 150—Piano</td>
</tr>
<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
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</tr>
<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td></td>
</tr>
<tr>
<td>4 Humanities</td>
<td>4 Humanities</td>
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</tr>
<tr>
<td>4 Philosophy,Religion</td>
<td>4 Philosophy-Religion</td>
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<td><strong>17 hours</strong></td>
<td><strong>17 hours</strong></td>
<td><strong>17 hours</strong></td>
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<tr>
<td>4 APM 150—Piano</td>
<td>4 APM 150—Piano</td>
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<tr>
<td>4 MHL 344—Music Hist. I (Hum. 344)</td>
<td>4 MHL 345—Music History II</td>
<td></td>
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<tr>
<td>4 MTC 241-2-3—Theory</td>
<td>4 MTC 251-2-3—Theory</td>
<td></td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td></td>
</tr>
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<td>4 Natural Sciences and Math.</td>
<td>4 Natural Sciences and Math.</td>
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<td><strong>17 hours</strong></td>
<td><strong>17 hours</strong></td>
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<table>
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<th>Winter</th>
<th>Summer</th>
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<tbody>
<tr>
<td><strong>JUNIOR YEAR</strong></td>
<td>4 APM 150—Piano</td>
<td>4 APM 150—Piano</td>
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<td>4 APM 150—Piano</td>
<td>2 MTC 374—Analysis</td>
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</tr>
<tr>
<td>2 MTC 307—Counterpoint</td>
<td>2 MED 281—Methods</td>
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<tr>
<td>2 MTC 215—Sight Read.</td>
<td>1 MEN 121—Choir</td>
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<td>1 MEN 121—Choir</td>
<td>4 Behavioral Social Sci.</td>
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<tr>
<td>4 Behavioral Social Sci.</td>
<td><strong>15 hours</strong></td>
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<tr>
<td><strong>2 MTC 330—Orchestration</strong></td>
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<tr>
<th>SENIOR YEAR</th>
<th>Winter</th>
<th>Summer</th>
</tr>
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<tbody>
<tr>
<td><strong>FRESHMAN YEAR</strong></td>
<td>4 APM 150—Piano</td>
<td>4 APM 150—Piano</td>
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<tr>
<td>4 APM 150—Piano</td>
<td>2 MEN 341—Choral Cond.</td>
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<tr>
<td>2 MTC 301—Composition</td>
<td>1 MEN 241—Ensemble</td>
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</tr>
<tr>
<td>2 MTC 313—Acoustics</td>
<td>1 MTC 312—Choral</td>
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<tr>
<td>1 MEN 121—Choir</td>
<td>2 MTC 298—Mus. Interg.</td>
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<td>4 Behavioral Social Sci.</td>
<td>4 English</td>
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<td><strong>2 APM 151—Repertoire Seminar</strong></td>
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<td><strong>16 hours</strong></td>
<td></td>
<td><strong>12 hours</strong></td>
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</table>

| 129 |
Performance Major in Voice

**General Education**
De Paul College Courses.

**Music Courses**
- **Applied Music**
  - APM 195 each quarter.
  - APM 150 each quarter until a total of three quarters have been completed.
  - APM 299, 385, 386.
- **Music Education**
  - MED 335-336, 341, 373-374-375.
- **Music Ensemble**
  - MEN 121 each quarter in residence.
- **Music History and Literature**
  - MHL 344, 345.
- **Music Theory and Composition**
  - MTC 298, 301, 307, 313, 330, 373, 374, 375.

**SAMPLE PROGRAM FOR A VOICE MAJOR**

<table>
<thead>
<tr>
<th>Autumn</th>
<th>Winter</th>
<th>Spring</th>
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<td>4 APM 195—Voice</td>
<td>4 APM 195—Voice</td>
<td>4 APM 195—Voice</td>
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<td>2 APM 150—Piano</td>
<td>2 APM 150—Piano</td>
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<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
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<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
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<tr>
<td>4 Humanities</td>
<td>4 Humanities</td>
<td>4 Humanities</td>
</tr>
<tr>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
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<td>19 hours</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 APM 195—Voice</td>
</tr>
<tr>
<td>4 MTC 241-2-3—Theory</td>
</tr>
<tr>
<td>4 MHL 344—Music Hist. I</td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
</tr>
<tr>
<td>4 Natural Science and Math.</td>
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<table>
<thead>
<tr>
<th>Junior Year</th>
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</thead>
<tbody>
<tr>
<td>4 APM 195—Voice</td>
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<tr>
<td>1 MED 372—Opera Workshop</td>
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<tr>
<td>2 MTC 373—Analysis</td>
</tr>
<tr>
<td>2 MTC 307—Counterpoint Coaching</td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
</tr>
<tr>
<td>4 Behavioral Social Sci.</td>
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<tr>
<td>14 hours</td>
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<table>
<thead>
<tr>
<th>Senior Year</th>
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</thead>
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<tr>
<td>4 APM 195—Voice</td>
</tr>
<tr>
<td>2 MTC 301—Composition Pedagogy</td>
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<tr>
<td>2 MTC 330—Orchestra</td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
</tr>
<tr>
<td>4 Behavioral Social Sci.</td>
</tr>
<tr>
<td>13 hours</td>
</tr>
</tbody>
</table>
Performance Major in Organ

General Education
De Paul College Courses.

Music Courses

Applied Music
APM 140 each quarter.
APM 299.

Church Music
CHM 205, 206, 218, 219.

Music Education
MED 283, 341, 352.

Music Ensemble
MEN 121 each quarter in residence.

Music History and Literature
MHL 344, 345.

Music Theory and Composition
MTC 298, 301, 307, 313, 330, 373, 374, 375.

SAMPLE PROGRAM FOR AN ORGAN MAJOR

<table>
<thead>
<tr>
<th>Autumn</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 APM 140—Organ</td>
<td>4 APM 140—Organ</td>
<td>4 APM 140—Organ</td>
</tr>
<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
</tr>
<tr>
<td>4 Humanities</td>
<td>4 Humanities</td>
<td>4 Humanities</td>
</tr>
<tr>
<td>4 Philosophy-R eligion</td>
<td>4 Philosophy-R eligion</td>
<td>4 Philosophy-R eligion</td>
</tr>
<tr>
<td>17 hours</td>
<td>17 hours</td>
<td>17 hours</td>
</tr>
<tr>
<td>4 APM 140—Organ</td>
<td>4 APM 140—Organ</td>
<td>4 APM 140—Organ</td>
</tr>
<tr>
<td>4 MTC 241-2-3—Theory</td>
<td>4 MTC 251-2-3—Theory</td>
<td>4 MTC 261—Theory</td>
</tr>
<tr>
<td>4 MHL 344—Music Hist. I</td>
<td>4 MHL 345—Music History II</td>
<td>4 Philosophy-R eligion</td>
</tr>
<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
</tr>
<tr>
<td>4 Natural Science and</td>
<td>4 Natural Science and Math.</td>
<td>4 Natural Science and</td>
</tr>
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<td>17 hours</td>
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<td>2 CHM 205—Improvisation</td>
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<td>2 MED 283—Organ Method</td>
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<td>1 MEN 121—Choir</td>
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</tr>
<tr>
<td>15 hours</td>
<td>13 hours</td>
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SENIOR YEAR

4 APM 140—Organ
2 CHM 218—Service Playing
1 MEN 121—Choir
2 MTC 301—Composition
2 MTC 330—Orchestration
4 Behavioral Social
15 hours

4 APM 140—Organ
2 CHM 219—Service Playing
1 MEN 121—Choir
2 MTC 341—Choral Conducting
4 English
13 hours

4 APM 140—Organ
2 MED 352—Inst. Conducting
2 MTC 298—Music Integ.
1 MEN 121—Choir
2 MTC 299—Recital
2 MTC 313—Acoustics
13 hours
Composition

General Education
De Paul College Courses.

Music Courses

*Applied Music*
APM 150 each quarter until a total of nine quarters have been completed.
APM 104.
Orchestral instrument electives until a total of three quarters have been completed.

*Music Education*
MED 341, 352.

*Music Ensemble*
MEN 101 or 121 or 131 each quarter in residence.

*Music History and Literature*
MHL 344, 345.

*Music Theory and Composition*

### SAMPLE PROGRAM FOR A COMPOSITION MAJOR

<table>
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<tr>
<th>Autumn</th>
<th>Winter</th>
<th>Spring</th>
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<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
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<td>Choir or 131 Orchestra</td>
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<td><strong>17 hours</strong></td>
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| Sophomore Year        |                                |                                |
|-----------------------|                                |                                |
| 4 MTC 141-2-3—Theory | 4 MTC 251-2-3—Theory           | 4 MTC 261—Theory               |
| 2 APM 150—Piano       | 2 APM 150—Piano                | 2 APM 150—Piano                |
| 4 MHL 344—Music Hist. I (Hum. 344) | 4 MHL 345—Music History II | 2 Music Elective               |
| 1 APM 104—Percussion Class | 1 MEN 101 Band, 121 | 1 MEN 101 Band, 121            |
| Choir or 131 Orchestra | Choir or 131 Orchestra         | Choir or 131 Orchestra         |
| 4 Natural Sciences and Math. | 4 Natural Sciences and Math. | 4 Natural Sciences and Math.   |
| **16 hours**          | **15 hours**                   | **17 hours**                   |

<p>| Junior Year            |                                |                                |
|-----------------------|                                |                                |
| 2 APM 150—Piano       | 2 APM 150—Piano                | 2 APM 150—Piano                |
| 2 MTC 373—Analysis    | 2 MTC 374—Analysis             | 2 MTC 375—Analysis             |
| 2 MTC 301—Composition | 2 MTC 302—Composition          | 2 MTC 303—Composition          |
| MTC 201 Band, 121    | Choir or 131 Orchestra         | Choir or 131 Orchestra         |
| Choir or 131 Orchestra | Choir or 131 Orchestra         | Choir or 131 Orchestra         |
| 4 Behavioral Social Sci. | 4 Behavioral Social Sci. | 4 Behavioral Social Sci.       |
| 4 English             | <strong>13 hours</strong>                   | <strong>15 hours</strong>                   |
| <strong>17 hours</strong>          |                                |                                |</p>
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<td>2 MTC 304</td>
<td>Composition</td>
<td>2 MTC 305</td>
<td>Composition</td>
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<tr>
<td>2 MTC 363</td>
<td>Electronic Literature</td>
<td>2 MED 341</td>
<td>Choral Conducting</td>
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<td>2 Music Elective</td>
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<td>1 MEN 101 Band, 121 Choir or 131 Orchestra</td>
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<tr>
<td>4 Behavioral Social Sci.</td>
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<td>13 hours</td>
<td>2 MTC 306—Composition</td>
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<tr>
<td>1 MEN 101 Band, 121 Choir or 131 Orchestra</td>
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<td>2 MED 352—Inst. Conducting</td>
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<tr>
<td>2 Music Elective</td>
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<td>2 MTC 364—Electronic Equipment</td>
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<td>2 MTC 298—Music Integ. History</td>
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<td>2 MTC 313—Acoustics</td>
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</tr>
<tr>
<td>13 hours</td>
<td></td>
<td>13 hours</td>
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</table>
Church Music

**General Education**
De Paul College Courses.

**Music Courses**

*Applied Music*
APM 140 each quarter.
APM 150 each quarter until a total of three quarters have been completed.
APM 195 each quarter until a total of three quarters have been completed.
APM 299.

*Church Music*

*Music Education*
MED 283, 335, 341, 352.

*Music Ensemble*
MEN 121 each quarter in residence.

*Music History and Literature*
MHL 344, 345.

*Music Theory and Composition*

**SAMPLE PROGRAM FOR A CHURCH MUSIC MAJOR**

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
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<tbody>
<tr>
<td><strong>Autumn</strong></td>
<td><strong>Winter</strong></td>
<td><strong>Spring</strong></td>
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<tr>
<td>2 APM 140—Organ</td>
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<td>2 APM 140—Organ</td>
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<td>2 APM 150—Piano</td>
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<td>2 APM 150—Piano</td>
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</tr>
<tr>
<td>4 MTC 111-2-3—Theory</td>
<td>4 MTC 121-2-3—Theory</td>
<td>4 MTC 131-2-3—Theory</td>
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<tr>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
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<td>4 Humanities</td>
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<tr>
<td>4 Philosophy-Religion</td>
<td>4 Philosophy-Religion</td>
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<th>SOPHOMORE YEAR</th>
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<td>2 APM 140—Organ</td>
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<tr>
<td>4 MTC 241-2-3—Theory</td>
<td>4 MTC 251-2-3—Theory</td>
<td>4 MTC 261—Theory</td>
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<tr>
<td>4 MHL 344—Music Hist. I</td>
<td>4 MHL 345—Music History II</td>
<td>2 APM 195—Voice</td>
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<td>2 APM 195—Voice</td>
<td>2 APM 195—Voice</td>
<td>1 MEN 121—Choir</td>
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<td>1 MEN 121—Choir</td>
<td>4 Natural Science and Math.</td>
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<td>4 Natural Science and Math.</td>
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<td>4 Philosophy-Religion</td>
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</tr>
<tr>
<td>17 hours</td>
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</table>

<table>
<thead>
<tr>
<th>JUNIOR YEAR</th>
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<tr>
<td>4 APM 140—Organ</td>
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<td>2 MTC 373—Analysis</td>
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<td>2 MTC 375—Analysis</td>
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<tr>
<td>2 MTC 307—Counterpoint</td>
<td>2 CHM 211—Gregorian Chant and Chironomy</td>
<td>2 CHM 212—Gregorian Chant and Chironomy</td>
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<td>2 MTC 330—Orchestration</td>
<td>2 MED 335—Vocal Pedagogy</td>
<td>1 MEN 121—Choir</td>
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<td>1 MEN 121—Choir</td>
<td>1 MEN 121—Choir</td>
<td>4 Behavioral Social Sci.</td>
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<td>13 hours</td>
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134
SENIOR YEAR

4 APM 140—Organ
1 MED 283—Organ Methods
2 MTC 301—Composition
1 MEN 121—Choir
4 Behavioral Sci.
1 CHM 205—Improvisation

15 hours

COURSES

APPLIED MUSIC — APM

Private Lesson Courses

In this list of private lesson courses, each course may be taken for either 2 or 4 hours credit. The minor course receives 2 hours credit for one private lesson and six to nine hours practice per week. The major course receives 4 hours credit for two private lessons and at least fifteen hours of practice per week. Students register for both the major and minor courses with the same listed course number, though the course requirements will differ.

110 BARITONE HORN
115 BASSOON
120 CLARINET
125 FLUTE
127 CLASSIC GUITAR
130 FRENCH HORN
135 OBOE
140 ORGAN
145 PERCUSSION
150 PIANO
155 SAXOPHONE
160 STRING BASS
165 TROMBONE
170 TRUMPET
175 TUBA
180 VIOLA
185 VIOLIN
190 VIOLINCELLO
195 VOICE
299 SENIOR RECITAL

Instrumental and Voice Class Courses

051-052 PIANO CLASS I, II. No credit.
101 BRASS CLASS. 1 hour.
102 WOODWIND CLASS. 1 hour.
103 STRING CLASS. 1 hour.
104-105 PERCUSSION CLASS I, II. 1 hour each.
151 PIANO REPERTOIRE SEMINAR. 2 hours.
213 RADIO AND TV BRASS CLASS. 2 hours.
385-386 VOCAL COACHING I, II. 2 hours each.

CHURCH MUSIC — CHM

123 LITURGICS. 2 hours.
205-206-207 IMPROVISATION I, II, III. 1 hour each.
211-212 GREGORIAN CHANT AND CHIRONOMY I, II. 2 hours each.
218-219 SERVICE PLAYING I, II. 2 hours each.
220 ENGLISH HYMNODY. 2 hours.
299 SERVICE RECITAL. 2 hours.
324 ENGLISH PSALMODY AND CHANT. 2 hours.
323 MODAL ANALYSIS. 2 hours.

MUSIC EDUCATION — MED

201 ELEMENTARY VOCAL METHODS AND OBSERVATION. 2 hours.
203 HIGH SCHOOL VOCAL METHODS AND OBSERVATION. 2 hours.
204 INSTRUMENTAL METHODS AND OBSERVATION. 2 hours.
281 PIANO METHODS AND MATERIALS. 2 hours.
<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ORGAN METHODS AND MATERIALS</td>
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<tr>
<td>VOICE CLASS</td>
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<tr>
<td>PIANO PEDAGOGY</td>
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<tr>
<td>VOICE PEDAGOGY I, II</td>
<td>2</td>
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<tr>
<td>STRING METHODS</td>
<td>2</td>
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<td>WIND METHODS</td>
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<tr>
<td>PERCUSSION METHODS</td>
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<tr>
<td>CHORAL CONDUCTING</td>
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<td>INSTRUMENTAL CONDUCTING</td>
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<tr>
<td>OPERA WORKSHOP</td>
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<td>MUSIC THEATRE I, II</td>
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<td>STUDENT TEACHING SEMINAR</td>
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**MUSIC ENSEMBLE—MEN**

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<tr>
<td>BAND</td>
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<tr>
<td>CHOIR</td>
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<td>CHAMBER CHORUS</td>
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<td>ORCHESTRA</td>
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<td>MARCHING BAND</td>
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<tr>
<td>ACCOMPANYING</td>
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<tr>
<td>INSTRUMENTAL ENSEMBLE</td>
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<tr>
<td>WOODWIND ENSEMBLE</td>
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<tr>
<td>PERCUSSION ENSEMBLE</td>
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<td>CONTEMPORARY MUSIC WORKSHOP</td>
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**MUSIC HISTORY AND LITERATURE—MHL**

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<tr>
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<tr>
<td>TWENTIETH CENTURY MUSIC</td>
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**MUSIC THEORY AND COMPOSITION—MTC**

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<th>Course</th>
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<tr>
<td>PRE-FRESHMAN THEORY</td>
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<tr>
<td>AURAL SKILLS I, II, III, IV, V</td>
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<td>WRITTEN SKILLS I, II, III, IV, V</td>
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<tr>
<td>KEYBOARD SKILLS I, II, III, IV, V</td>
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<td>SOLFEGE I, II</td>
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<tr>
<td>SIGHT-READING</td>
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<td>TWENTIETH CENTURY THEORY</td>
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<td>MUSIC INTEGRATION</td>
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<td>MUSIC COMPOSITION I, II, III, IV, V, VI</td>
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<td>MUSICAL ACOUSTICS</td>
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<td>ESSENTIALS OF JAZZ I, II, III</td>
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<tr>
<td>MUSICOLOGY</td>
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<td>ORCHESTRATION I, II, III</td>
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<td>MUSIC OF CINEMA, TV AND RADIO</td>
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<td>ELECTRONIC WORKSHOP</td>
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<tr>
<td>FORM AND ANALYSIS I, II, III</td>
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**FACULTY**

- **Victor Altay**, Violin
- **Ralph F. Ambrose**, A.M., Piano, Theory
- **Arthur C. Becker**, Mus.D., A.A.G.O., Dean Emeritus, Organ
- **Warren A. Benfield**, String Bass
- **Thomas A. Brown**, Ph.D., Associate Professor, History of Music, Piano
- **Joseph Casey**, Ph.D., Music Education
- **Jack Cecchini**, M.M., Classic Guitar
- **Frances Cilnikas**, Mus.M., Piano
- **Renato D'Osogno**, Mus.M., A.A.G.O., Assistant Professor, Organ, Head of Church Music Department
- **Diane Dressler**, Ed.D., Associate Professor, Head of Music Education
- **Thomas Fabish**, LL.D., Assistant Professor, Music Education, Band Instruments
- **Annemarie Gerts**, Mus.B., Assistant Professor, Voice
George Graham, Mus.M., Adjunct Associate Professor, Voice
Hobart Grimes, Saxophone
Betty Haag, Mus.M., Violin
Viola Haas, Mus.M., Assistant Professor, Piano
B. Lynn Hebert, Organ, Harpsichord, Humanities
Arnold Jacobs, Tuba
Pamela Kimmel, Classic Guitar
Thaddeus Kozuch, Mus.M., Associate Professor, Head of Piano Department
Helen Leefelt, Solfege, Italian Diction, Piano, Song Coaching, Head of Preparatory Department
Julian Leviton, Mus.M., Piano
Francis E. Little, D.M.A., Head of Voice Department
Mark McDunn, Trombone, Trumpet
Clare Martini, Ph.D., History of Music, Theory
David Moll, Mus.M., Violin
Harold Newton, Mus.B., Violin, Viola
Paul Ondracek, Mus.B., French Horn
Donald Peck, Artist's Diploma, Flute
Herman Peltke, Mus.M., A.A.G.O., Assistant Professor, Organ, Theory, Head of Organ Department
Anne Perillo, B.S., Voice
George Quinn, Mus.M., Trumpet
Mary K. Rosen, Violin
Joseph Saunders, Assistant Professor, Cello, Head of String Department
Seymour Saxon, Mus.M., Theory, Composition
Herman Shapiro, Mus.M., Associate Professor, Piano, Theory, Head of Piano Department
Robert Sheehan, Mus.M., Music Education
Philip Sieburg, Flute
Wilbur Simpson, Mus.M., Bassoon
Carl Sonek, Oboe
Leon Stein, Ph.D., Dean and Professor, Theory
Jerome Stowell, A.B., Clarinet
Joseph Summerhill, Trumpet
Alan Swain, Mus.M., Theory
Robert Tilles, Assistant Professor, Percussion Instruments
Wesley M. Vos, Ph.D., Humanities
Jean Weiss, Mus.M., Piano
Sidney Weiss, Violin
Raymond Wilding-White, D.M.A., Assistant Professor, Humanities
Philip Winsor, M.A., Assistant Professor, Head of Theory-Composition Department
UNIVERSITY
STUDENT
INFORMATION

Admissions

Financial Aids and Placement

Tuition and Fees

Student Services

General Academic Regulations
Planning for Registration
Registration
During the School Term
Residence and Graduation Requirements

Transcripts of Credit

Graduate Study at De Paul
ADMISSIONS

Admissions policies and procedures reflect the total philosophy of De Paul University, which pre-eminently considers the personal worth of the individual. As a University, De Paul is especially concerned with the academic achievement and the academic aptitude of the student, since they are necessary requisites for advanced study. It is also vitally interested in the student's seriousness of purpose, his reasons for going to college and his choice of a major field of specialized study. And it is mindful of the fact that personal factors do contribute to a student's academic record and to his success or failure in a college program.

Firmly committed to a belief in the uniqueness and the dignity of each individual and recognizing that each has his own particular aptitudes, interests, and abilities, De Paul University accepts the responsibility for educating the most talented and creative students and for developing the potential of the capable majority.

The University considers the total qualifications of each applicant and admits those for whom there is a strong likelihood of success in the De Paul programs.

De Paul has a non-discriminatory admissions policy; it makes no distinctions on the basis of race, sex, creed, or color.

ADMISSION AS A DEGREE-SEEKING STUDENT

1. Candidates interested in admission as degree-seeking students in the undergraduate divisions of the University should direct all inquiries to the Office of Admissions, De Paul University, 25 E. Jackson Boulevard, Chicago, Illinois, 60604. Telephone: WEBster 9-3525. The Admissions Office will provide each candidate with the required forms and instructions for filing the application. A non-refundable application fee of $15.00 is required of each applicant.

2. Applicants are urged to initiate admissions procedures early. Completed applications must be on file in the Office of Admissions at least one month prior to the first day of class in the quarter in which the student expects to register. Degree-seeking day student applications include a physician's statement.

3. Applications are acted upon as soon as they are completed and the applicant is notified immediately by letter of the decision of the University.

ADMISSION AS A FRESHMAN

Applicants for admission to the freshman class are advised to file applications early in the senior year of high school or to seek consideration even earlier under the Early Decision plan.

EARLY DECISION Well-qualified students may apply for admission at the close of the junior year of high school and present scores earned on the SAT taken during the junior year. The applications will be acted upon as soon as all credentials have been filed; the student will be notified immediately of the decision of the University. It is assumed that students accepted under the Early Decision plan will satisfactorily complete the senior year of high school.

EARLY ADMISSION Secondary school students with exceptional records and test scores can begin work at De Paul University prior to the completion of the high school course of study.

The University encourages all students to complete 16 units of high school work including:

- 4 units in English
- 2 units in one foreign language
- 2 units in mathematics
- 1 unit in a laboratory science
- 1 unit in history
Each student is urged to earn additional academic units in his expected specialized or allied fields of study in college. In some majors, such as foreign languages, mathematics, and the sciences, additional high school credit is most desirable.

Applicants are required to submit scores earned on the Scholastic Aptitude Test of the College Entrance Examination Board. Should a student fail to present SAT scores, he will be required to take the De Paul University Entrance Examination.

The examination is given several times a year; the schedule is available in the Admissions Office.

ADVANCED PLACEMENT

De Paul University honors the Advanced Placement Program as administered by the College Entrance Examination Board.

Advanced Placement with credit is granted in all areas in which advanced placement tests are given. Students who earn scores of 3 or above in any test will automatically receive advanced placement with credit. No advanced placement is given without credit.

The University also offers to entering freshmen opportunity to earn credit-by-examination through the University program, independently of the national program of the College Entrance Examination Board. The University program offers credit at several levels in each field and in fields other than those covered by the Advanced Placement Program. See details under Credit-by-Examination.

ADMISSION AS A DEGREE-SEEKING TRANSFER STUDENT

Applicants for admission as degree-seeking students with advanced standing must have been in good academic standing in the college last attended and have at least an overall average of C for all college work completed.

Transfer students who have completed less than 27 quarter hours of college work (18 semester hours) are required to submit scores earned on the Scholastic Aptitude Test of the College Entrance Examination Board. (Scores earned on the SAT taken while in high school are acceptable.) If a student does not submit SAT scores, he will be required to take the De Paul University Entrance Examination.

The official evaluation of transfer credit is made by the Director of Inter-College Relations as part of the Admissions process. Generally all work from accredited schools in academic areas offered at De Paul is accepted at full value in transfer. Only Physical Education credit is not transferred (except for Physical Education majors) though the credit will appear on the transcripts of students requiring Physical Education for teacher certification. The grades "D" and "F" are not transferrable.

1. Students transferring from a junior college must complete at least two years of additional college work to qualify for graduation in a four-year curriculum.
2. Students entering from any four-year college level institution may transfer up to a maximum of three-fourths of the credit required in any degree program.
3. When a student has attempted 99 quarter hours (66 semester hours) of college work at any combination of junior and senior colleges, no additional credit can be accepted from a junior college.

Semester credit is converted to quarter hours by adding on half-again as many hours. Thus a 3 semester hours course becomes 4.5 quarters, 50 semesters becomes 75 quarters. The De Paul degree minimum of 180 quarter hours is equivalent to 120 hours at a semester institution.

Accepted credit will be applied to De Paul degree requirements wherever equivalent course work has been completed. The official evaluation is sent to each accepted applicant indicating both where the transfer credit applies in his individual degree program and where credit is still needed at De Paul to complete the degree requirements. An unofficial evaluation can be prepared in advance for students considering transfer to De Paul by contacting the Director of Inter-College Relations.

A student placed on academic probation or dismissed for poor scholarship by the college last attended is not eligible for admission to De Paul University as either a degree-seeking or non-degree-seeking student.
READMISSION OF FORMER DE PAUL STUDENTS

Former degree-seeking or non-degree-seeking students in good standing who have been absent from the University for one quarter or more must apply at the Registrar's Office to initiate readmission procedures. Students dismissed for academic reasons should see the Probation Section in this bulletin. Students dismissed for other than academic reasons may be considered for readmission under specified University regulations.

Degree-seeking students seeking readmission must submit transcripts from all colleges attended since last attending De Paul. Applications must be submitted one month prior to the first day of class in the quarter in which the student expects to register.

ADMISSION AS A NON-DEGREE-SEEKING STUDENT

Students who do not intend to work for a degree or who have not applied for degree-seeking status may be accepted by the Director of Admissions. These students may register for courses approved by the Dean without regard to any specific program. The following general regulations apply to non-degree-seeking student applications:

1. Applicants must be high school graduates or demonstrate sufficient maturity, educational background, or professional experience to carry college work successfully.
2. Applicants who have attended another college or university must be in good academic standing at that institution.
3. Applicants currently enrolled in a college or university other than De Paul may be admitted, at the time of registration, upon presentation of a written permit from the Dean or Registrar of the institution where they are working for a degree. This permit must state that the student is in good academic standing and must specify the courses for which permission to register is being given.
4. Applicants refused admission as degree-seeking students may not enroll as non-degree-seeking students.
5. Non-degree-seeking status may be terminated at any time by the Dean.

Non-degree-seeking students who plan to register for or who accumulate a substantial amount of credit are advised to become degree-seeking Students. The first 40 quarter hours (27 semester hours) earned as a non-degree-seeking student at DePaul or elsewhere may subsequently be applied toward a degree when the student is accepted as a degree-seeking student.

ADMISSION AS A FOREIGN STUDENT

Students who are not citizens or permanent residents of the United States are advised to apply for admission at least six months, but no less than two months, prior to the quarter in which they plan to enroll. The international application form, which may be obtained from the Foreign Student Adviser, should be accompanied by either official transcripts and diplomas or copies certified by the school from which they are issued; if they are not in English, they must be accompanied by an official translation. The transcripts should include secondary school, college, university, and professional institutions of learning. Credentials from foreign educational systems are evaluated by the Foreign Student Adviser after the application for admission is submitted.

In addition to the admission requirements listed above, all foreign applicants whose native language is not English must demonstrate proficiency in the English language by taking the TOEFL examination administered by the Educational Testing Service, Princeton, New Jersey. An affidavit of support indicating adequate finances for the minimum of an academic year must also be submitted. No notification regarding admission will be sent to an applicant until all requirements have been met.

After arrival, the foreign student must contact the Foreign Student Adviser, who will assist the student with personal counseling, immigration advice, and information concerning housing, health service, and general University procedures. If admitted, a foreign student must enroll in a full program in the day division.

INTER-COLLEGE TRANSFER

Degree-seeking students desiring to transfer from one college in the University to another may obtain an Inter-College Transfer application in the Registrar's Office, Lewis Center. Completed applications should be on file in the Registrar's Office at
least four weeks before the beginning of the quarter in which the transfer would be effective, if approved. Students will be notified by the Office of Admissions by letter of the action taken on their applications.

COUNSELING AND TESTING

Academic counseling is made available to incoming students prior to registration by both the counseling staff in the Admissions Office and the academic advisers in the respective colleges.
Financial Aids and Placement

De Paul University has planned its financial aid program to assist as many qualified students as possible to realize their desire for a college education. Available funds are maximized by a University policy which requires parents and the students to assume the primary responsibility in sharing the cost of education with the University. Extenuating circumstances permit exceptions to this policy. To implement its goal, the University program includes four types of opportunities for financial assistance — scholarships, grants, loans, and part-time employment. While some students may avail themselves of one type of assistance, others may find a combination of several plans more desirable. It is the policy of the University to award financial aid without reference to the race, color, creed or sex of applicants.

Because we believe financial planning to be a private matter, you may prefer to make an appointment with one of our Financial Aids Counselors. Prospective students may do so by telephoning WEBster 9-3525, Ext. 264. The address is Room 1730 at 25 E. Jackson Blvd., Chicago, Illinois 60604. Students enrolled currently at the Frank J. Lewis Center should contact the same office. Those currently enrolled at the Lincoln Park Campus should inquire in Room 538 of the Arthur J. Schmitt Academic Center.

**SCHOLARSHIPS**

Fifty De Paul sponsored scholarships, ranging from full tuition to honorary, are awarded on a competitive basis to incoming students planning to enter either the De Paul College (for a Liberal Arts and Science program) or the College of Commerce. The Scholarships are renewed if the student maintains a 3.0 grade point average at the end of each academic year (June). The University also awards a limited number of scholarships donated by foundations, corporations, organizations, or by individuals. Prospective School of Music students may inquire about special scholarships awarded in this division at the office of the Dean.

Illinois State Scholarships are awarded on the basis of scholastic aptitude and achievement. These requirements are distinct from those of State Grants which do not require high academic achievement nor competition in a scholastic aptitude examination. (The State Grant Program is described in later paragraphs). State Scholarship winners may apply to the State Scholarship Commission for a monetary award if they need financial assistance. Winners of monetary awards may elect to use them at De Paul University. The amounts range from $150 to $1200 depending on need. The average award at De Paul exceeds $1,000. Over 73% of the 552 State Scholarship winners attending De Paul during the 1970-71 academic year received maximum awards of $1200. The scholarships are renewable if the residency and need requirements under which the first year scholarship was awarded still prevail. Special Illinois State Scholarships for blind or deaf students may be applied for by writing to the Division of Vocational Rehabilitation, 62 Adams Street, Springfield, Illinois.

Federal scholarships, which do not require any specific academic standing, are available up to a maximum of $1500 to full-time students who wish to obtain a degree in Nursing and who can show exceptional financial need. Federal traineeships are available for professional nurses who are full-time students pursuing a baccalaureate degree in Nursing. These students may be awarded tuition, fees, monthly stipends and allowances for dependents. Nursing student scholarship programs are offered by the Chicago Council on Community Nursing, the U.S. Army and the Navy Corps. For further information on traineeships and all scholarships except those offered by the federal government for students who can show exceptional financial need, please contact the Chairman of the Department of Nursing. For the latter, please contact the Office of Financial Aids and Placement.

Students should ask their parents to check with their employers, unions or organizations to which they belong, to inquire if they sponsor college scholarships for children of their membership. Incoming freshmen and transfer students from junior colleges might also inquire of their guidance counselor as to scholarships which might be
available from outside sources. For example, several scholarships are offered by organizations such as the George M. Pullman Educational Foundation, The Mayor's Chicago Youth Foundation, The National Merit Scholarship Corporation, National Honor Society, The Newspaper Distributors Association of Chicago, and the Talman Federal Savings and Loan Association. The Ford Foundation sponsors a special scholarship program without test or high grade requirements for transfer students from junior or community colleges who are of minority ethnic background.

GRANTS

A considerable number of State of Illinois College Grants (not to be repaid) are available to full-time undergraduate students. Winners of these grants may elect to use the awards at De Paul University in payment of tuition and fees. The grants range from $150 to $1200 depending on the amount of need with the average at De Paul exceeding $1100. Over 81% of the 1,864 State Grant winners attending De Paul during the 1970-71 academic year received maximum awards of $1200. The parent or court assigned guardian of the student must be a legal resident of Illinois. The awards are renewable annually if continuing financial need can be demonstrated.

Educational opportunity grants (not to be repaid) are available to college students who show exceptional financial need. First year grants ranging from $200 to $1000 will be subsidized by the federal government. An equal additional amount of financial aid will be provided by the University. Guidelines have been established by the federal government to determine what constitutes exceptional need. The grants are renewable providing the student maintains a full-time regular degree seeking classification and also continues to meet the financial guidelines.

Law enforcement educational grants have been established for officers of any publicly funded law enforcement agency who wish to obtain an undergraduate or graduate degree in certain curricula (ask financial Aids Counselor for definition of eligible curricula). Part-time as well as full-time students may apply. The applicant must stay employed with his current law enforcement agency for two years after leaving the program or obtaining a degree or else repay the grant. Payments are limited to tuition and mandatory fees.

STUDENT LOANS

Loans are available through either the National Defense Educational Act of 1958 as amended or the Illinois State Guaranteed Loan Program. Special loan programs are available to students who are pursuing a program in Nursing.

The sum which can be borrowed each year depends upon the demonstrated need indicated in the budget submitted with the application. Maximum annual amount ranges from $1000 to $2500 depending upon the rules of the particular loan program for which the applicant is eligible. Rates of interest are below that obtainable generally in the commercial market. Currently they are 3% for all programs except for the Illinois State Guaranteed Loan Program where 7% applies. The government will pay the interest until the repayment period begins except that it will not do so under the State Guaranteed Loan Program in cases where the adjusted gross income of the family is $15,000 or more. The repayment period of a State Guaranteed Loan begins 9 months after the student discontinues his course of full-time study. With a National Defense loan, the repayment period begins 9 months after a student discontinues a half-time course of study. There are provisions for forgiveness of a substantial part of the loan (State Guaranteed Loans excepted) for graduates who enter the teaching or nursing professions (or administrative positions in these areas). Six to ten years are allowed to complete repayment of a loan, depending upon the individual loan program.

In general a student must be seeking a degree in order to qualify for consideration of a National Defense Student loan. Exceptions are made for special students studying for a certificate in teaching or enrolled in prerequisite courses to qualify for a graduate program. Special students are eligible for State Guaranteed Loans provided they are enrolled full-time.
PART-TIME EMPLOYMENT

WORK STUDY PROGRAM — This is a special program which provides jobs both on and off campus to students who can demonstrate need for such employment in order to continue their education. It is subsidized by the federal government and the University. Several jobs have a direct relationship to the student's major field of academic interest.

OTHER PART-TIME EMPLOYMENT — Other part-time positions, on and off campus are available through the services of the Office of Financial Aids and Placement. Incoming students are eligible to apply after registering and learning their class schedule. Currently enrolled students are eligible at any time. No proof of need is necessary to qualify for this service.

PLACEMENT SERVICES

Part-time and summer jobs both on and off campus are available for full-time students through the services of the Office of Financial Aids and Placement, Lewis Center at no charge. Full-time positions are also available for students enrolled in the evening divisions.

The Office also sponsors on-campus interviews for graduating seniors. More than 150 nationally known organizations recruit to fill management training program assignments and various types of career positions. Services of the office are also available at no fee to alumni seeking employment.

DePaul University also operates a separate Teacher Placement service for students interested in teaching as a career. The placement of qualified personnel into teaching and administrative positions in Education is available to both graduating seniors and alumni. The Teacher Placement Office, administered by the School of Education, is located in the Schmitt Academic Center, Lincoln Park Campus.
TUITION AND FEES

A general cost estimate of tuition, fees, and books for a full-time undergraduate at De Paul University is approximately $1,900.00 each academic year. For an accurate overall figure, the cost of commuting, lunch, and personal needs should be added. Details of school expenses appear below.

TUITION CHARGES FOR UNDERGRADUATE STUDENTS:

Day Students
Tuition for 12 to 20 quarter hours .................. $580.00
Hours in excess of 20 quarter hours—per hour ........ 35.00
Less than 12 quarter hours—per hour ............... 49.00

Evening Students
Undergraduate courses (1-399)—per hour ............ 35.00

GENERAL FEES:
Application Fee ....................................... 15.00
Deferred Examination Fee
On Designated Dates .................................. 10.00
At Time Not Designated ............................... 20.00
Credit-by-Examination Fees
Testing Fee ........................................... 20.00
Testing Fee Where credit exceeds 4 quarter hours .. 50.00
Assessment Made by University Examiner
Deferred Payment Fee ................................ 3.00
Deferred Payment Delinquency Fee .................. 1.00
Graduation Fee ....................................... 20.00
Military Uniform Deposit (Refundable) ............... 20.00
Registration Fee—each registration .................. 2.00
Additional Registration Charges
For Late Registration ................................ 5.00
For Change of Registration ........................... 2.00
Student Service Fee—each quarter
For Evening Students ................................ 1.00

DEFERRED PAYMENT PLAN:
Normally, the University expects all tuition and fees to be paid either at registration, or at or before the end of the first week of school.

For students unable to meet this requirement, the University does offer, on payment of $3.00 Deferred Payment fee, the following plan:
Payment of ½ of tuition and fees at or before the end of the first week of school.
Payment of ½ of tuition and fees at or before the end of the third week of school.
Payment of ½ of tuition and fees at or before the end of the sixth week of school.

Students failing to make payments on or before the scheduled date will be assessed an additional $1.00 for each and every delinquency.

REFUNDS:
Charges for courses are based on attendance from the first day of class. Withdrawals are dated as of the end of the week in which the withdrawal form is filed. No tuition is assessed for attendance during the first week of the quarter. For any attendance into the second week the charge will be 25% of the total
tuition assessed; into the third week—50%; into the fourth week—75%; thereafter—100%. All Evening Students, and those Day Students withdrawing from courses which will reduce their enrollment to less than 12 quarter hours, will be charged according to the preceding schedule. Refunds for private music lessons included in the basic tuition charge are subject to the normal refund schedule. However, on lessons separately assessed, the refund will be based on the average cost per lesson remaining in the quarter. Fees are not refundable. All refunds are made by the Student Finance Office only upon receipt of an approved withdrawal form and a specific request by the student within one calendar year of the opening of the term in which the credit accrued.

GENERAL NOTES:

1. Students combining day and evening courses must pay the tuition charges as outlined above for Day Students.

2. Degree-seeking Students admitted to the School of Music are allowed a maximum of 4 quarter hours of private lessons within the basic tuition charge. Students majoring in the College of Liberal Arts and Sciences sequence in Music Theory are allowed a maximum of 4 quarter hours of private lessons within their required curriculum. All other lessons must be paid for at the prevailing rates.

3. A 10% reduction in tuition, exclusive of fees, is allowed upon the full-time concurrent enrollment of more than one member of an immediate family in day divisions of undergraduate colleges other than Law or Music. By the immediate family is meant husband and wife and children.

4. Payment of the Evening Student Service Fee entitles the student to University Publications and the services of the offices of Financial Aids and Placement.

5. Registration cannot be accepted from a student with an unpaid balance from a prior term. Registrations attempted under these circumstances will be cancelled.

6. Tuition and fees for courses audited are charged at the regular tuition rates, must be paid at the time of registration and are not refundable.

7. Students receiving financial aid in the form of scholarships, tuition grants, or loans — from Federal Programs, the State Government, or De Paul University — must determine that the amount of aid received (total amount of awards divided by 3 quarters, normally) at least equals total tuition and fees each term. In the event such proration leaves a balance due from the student, this balance must be paid not later than the end of the first week of the term in order to avoid Deferred Payment and/or Delinquency Fees.

8. Undergraduate day students combining undergraduate and graduate courses in a 12-20 quarter hour program, will pay an additional $5.00 for each quarter hour of graduate study, by which the combined registration exceeds 12 hours. In addition, if the combined registration exceeds 20 hours, the regular graduate rate shall apply to such excess. Graduate courses, for this purpose, are those with a course number 400 and above.
DEPARTMENTAL FEES

Biology:
Each course with laboratory .................... $ 15.00

Chemistry:
Each course with laboratory .................... 15.00
Breakage Deposit — each laboratory course ........ 7.50
C.P.A. Review: (Not included as part of Day tuition charge)
Tuition — per course .............................. $225.00
Application Fee .................................. 2.00

Education:
Business Education Students
Office Machines Fee — each course ............... 7.50
Typewriter Fee — each course .................... 7.50
Secretarial Procedures Course — Laboratory Fee ... 5.00
Physical Education Students
Equipment Fee for each activity course .......... 4.00
Activities Accident Policy — each quarter ...... 2.75*
*subject to change
Teacher Placement — Initial Registration Fee ...... 5.00

Languages:
Laboratory Fee — each laboratory course ........ 5.00

Music:
Rates for private lessons in Applied Music and Theory
may be secured from the Office of the Dean.
Band and Orchestra
Instrument Rental Fee — each quarter .......... 8.00
Electronic Laboratory Fee
(includes two 7' reels of tape) ..................... 15.00
Applies to: MTC 363, 364, 365 & Private Electronic
Composition each quarter
Organ Practice Fee — each quarter ............ 8.00
Practice Studio Fee — each quarter ............. 2.00

Physics:
Laboratory Fee:
All courses numbered under 370 — each course ... 7.50
Courses numbered 370 and above — per credit hour 5.00

General Notes: a) Fees are not refundable.
b) Certain Fees other than those
listed above are shown with the
course listing.
Student Services

COUNSELING

In order that each student might take maximum advantage of the educational opportunities provided at De Paul, various counseling services are available within the University to assist his adjustment to the personal and academic stresses of university life.

Personal counseling plus other types of informational services are available to students in the Dean of Students’ office through the Dean of Students and Assistant Deans, Counselors—Chaplains. The personnel in these offices conduct initial interviews with all incoming students. These offices work closely with the out-of-class student organizations, honor societies, activities, student government, orientation, and housing.

Personal problems requiring more specialized attention are referred to either the University’s Counseling Center or the University’s Mental Health Clinic.

Academic problems are referred to the appropriate academic Dean and to the student’s Departmental academic adviser.

FOREIGN STUDENT ADVISING

After arrival, the foreign student must contact the Foreign Student Adviser, who is located in the Lewis Center, Room 1617. Assistance will be provided to students in the areas of personal counseling, immigration advice, and information concerning housing, health service, and general University procedures.

ORIENTATION

All freshmen and transfer students participate in the New Student Week Orientation program held the week before classes begin in September. Here, each student has the chance to acquaint himself with many aspects of the University and to develop self-reliance in his new surroundings at the outset of his college career. Orientation includes small group meetings with faculty members, group sessions with upper classmen, a glimpse of student government, student organizations, and activities; advice on academic programs, and an opportunity to examine the philosophy and resources of the University, its standards, policies, and traditions.

HOUSING

The University offers on-campus housing for graduate and undergraduate men and women. A new multi-story residence hall offers single and double occupancy rooms attractively furnished. The residence hall is conveniently located near the Schmitt Academic Center Library and classroom building. Food service is available in the University Center.

Housing applications should be directed to: Director of Housing, 2312 North Clifton Avenue, Chicago, 60614.

The University does not have an approved off-campus housing program but a listing of available apartments and rooms is maintained in the office of the Director of Housing. All off-campus housing arrangements are between the student and the landlord.

STUDENT HEALTH SERVICE

The emphasis of the Student Health Service is on preventive medicine. It is the goal of this department to prevent health hazards and encourage each individual of the University community to realize optimum physical, emotional, intellectual, and social well-being. Above all, the Student Health Service personnel continually guide each individual to accept health as a positive value in life.

A report of medical history and physician's certificate are required of each full-time student entering De Paul University. Under the guidance of the University Medical Director, study and analysis are made of each certificate sent in by the family physician. Where indicated, remedial and corrective treatments are supervised through
consultation with the family physician. Medical records are confidential and never released without student’s written consent.

Services of this department include first aid, emergency care, health counseling, physician care and referral. Conditions requiring prolonged treatment or hospitalization are not within the scope of the Student Health Service; persons with these conditions are referred to the family physician.

Student Health and Accident Group Insurance is offered on a voluntary basis to all full-time students.

On the Lincoln Park Campus, the Student Health Service office is located at 2312 North Clifton Avenue (the new student residence). The Medical Director has office hours there. At the Lewis Center, the Student Health office is on the 16th floor.

RELIGIOUS

The University reflects its spiritual philosophy by offering the student religious services and pastoral counsel. Daily Mass and Confession on both campuses, special Lenten devotions and retreats, all on a voluntary basis, along with serious intellectual consideration of things spiritual contribute to student growth and development in a truly Christian environment.

HONOR SOCIETIES

Membership in a number of honor societies is available to students with high academic performance and leadership ability. These organizations have been established to encourage high scholastic attainment, as well as to pay recognition to those who have been successful academically.

Alpha Lambda Delta, National Freshman Women’s Honor Society*
Beta Alpha Psi, National Accounting Fraternity
Beta Gamma Sigma, National Commerce Honor Society
Blue Key, National Leadership Honor Society
Delta Epsilon Sigma, National Catholic Honor Society*
Delta Mu Delta, National Honor Society in Business Administration*
Kappa Delta Pi, National Education Honor Society
Phi Eta Sigma, National Freshman Men’s Honor Society*
Pi Delta Phi, National French Honor Society*
Pi Gamma Mu, National Social Science Honor Society*
Psi Chi, Psychology Honor Society
Sigma Delta Pi, National Spanish Honor Society*

*Member of the Association of College Honor Societies

MUSICAL

Those with musical interest and talent will find a variety of opportunity for active participation at De Paul. The A Cappella Choir, the University Band and Orchestra, the Opera Workshop, and other similar activities await the student who desires to pursue music as a vocation or avocation.

LITERARY AND JOURNALISTIC

Students wishing to express themselves in writing will find opportunity to exercise this interest in De Paul’s campus publications. The weekly student newspaper serves as the central focus for university news and controversial campus issues, the yearbook requires the talent of creative imagination to candidly capture the school year.

SPEECH AND DRAMATICS

Those who enjoy debate or stage productions will find many opportunities for self-expression at De Paul. The award-winning debate team tours the country for college debates and tournaments. A variety of plays are staged annually, including musical comedies, one-act plays, interpretive readings, and contemporary and classical productions.
ATHLETIC AND RECREATIONAL

All students are encouraged to take part in the University's sports program. Emphasis is placed on athletic events that will permit large numbers of students to relax away from their academic undertakings. For this reason, intramural competition in a variety of sports is encouraged, while the University fields intercollegiate varsity teams in basketball, track and cross country, tennis, golf, bowling, and marksmanship. The athletic facilities are open to all students.

STUDENT GOVERNMENT

Opportunities are available to students to develop leadership qualities through participation in Student Government. Representatives are selected from each college to sit on the Student Government Association. This body acts as the catalyst for change within the University as perceived by the students, initiating programs of an academic, social, and cultural nature, and encouraging students to become active in University affairs. Moreover, the University Senate has thirteen elected students who are Senators in this body, along with many other students who serve on the various committees of the Senate.

STUDENT ORGANIZATIONS

De Paul's nineteen Greek letter organizations offer opportunities in relatively small groups for social ties and the establishment of life-long friendships. Moreover, forty other organizations furnish opportunities for extracurricular activities in many different interest-groups.

VOLUNTEER OPPORTUNITIES

The University Volunteer Bureau, which operates out of the Dean of Students' Office, provides information on community agencies that need volunteer workers. Through this office students who are interested in this type of service may obtain information on a wide variety of agencies and types of work available to them.

CULTURAL

A rich assortment of cultural activities and programs are available to students throughout the year. Outstanding lectures, concerts, recitals, plays, and foreign and American film classics are offered, including the De Paul College Artist series, The Philosophical Symposium, the Film Forum, the many drama productions provided by the University Speech Department, and the De Paul Community Symphony Orchestra at Orchestra Hall. Additionally, the University's location in the midst of Chicago enables the student to participate in both the campus and city life. Indeed often the two intermingle. Students therefore widen their acquaintance with the worlds of art, music and literature by partaking in Chicago's matchless cultural offerings as individuals and as participants in activity groups or University programs which extend the classroom to the city outside.

GRADUATE FELLOWSHIPS AND ASSISTANTSHIPS

Undergraduates planning for graduate study should consider the wide range of domestic and foreign graduate grants available to them. Among these are national competitive scholarships, fellowships, and assistantships as well as Fulbright, Woodrow Wilson, Danforth, Rhodes, Marshall, Schmitt, East-West, National Science Foundation, and National Defense Graduate Fellowships. Information concerning these grants and other assistantship programs at De Paul and graduate schools throughout the country is available through the departmental advisers and the Assistant Dean of Students, Lewis Center, University coordinator for these programs.

UNIVERSITY CENTER

The De Paul University Center, located on the Lincoln Park Campus, offers varied programs and services to all members of the University community. Facilities of the three-story building include a cafeteria, Rathskeller, bookstore, games area, student activities offices, religious service area, lounges, conference rooms, President's Dining Room and a faculty dining area. Through the utilization of these facilities, its basic commitment to the education and development of the individual, and the establishment of an informal atmosphere, the University Center serves as a unifying force in the life of the University contributing to the enlightenment and dignity of the individual.
GENERAL ACADEMIC
INFORMATION AND REGULATIONS

Planning for Registration

PROGRAM SEQUENCE AND REQUIREMENTS
Students are responsible for planning their own programs and for completing
course sequences and degree requirements. Where electives are indicated students should
be guided by their interests or needs. Advisers and counselors are available at all times
to assist students in planning programs and schedules. Each program must be
officially approved.

CREDIT
College credit is accumulated on the basis of quarter hours. The unit of credit is
one quarter hour granted for 45 minutes of classroom work a week. The normal class
extends over a ten-week period.

CLASSIFICATION
Students are classified for administrative purposes as follows:
Freshmen — 43 quarter hours or less
Sophomores — at least 44 and not more than 87 quarter hours
Juniors — at least 88 and not more than 131 quarter hours
Seniors — at least 132 quarter hours

FULL-TIME STUDENT LOAD
The normal course load for a full-time student is 16 hours each quarter; however,
a student with 12 hours will qualify as a full time student.
Students subject to regulations of external agencies (Selective Service, Scholarship
and state loan programs, etc.) should note that 12 hours each quarter is generally not
sufficient to maintain full-time status.

AUDITOR
Students may not change from the status of credit student to that of an auditor
or vice versa after the third week of class. Students may audit a course only with
permission of the Dean or adviser. Tuition and fees are charged at the regular tuition
rates, must be paid at the time of registration, and are not refundable.

CREDIT-BY-EXAMINATION
Credit-by-examination is available in general education, in the fields of the "Major,"
or for electives. Credit-by-examination is offered to all registered degree-seeking under-
grade students and to incoming degree students in several ways:
1. Through the Advanced Placement program of the College Entrance Examination
   Board (see Advanced Placement).
2. Through the College Level Examination Program WHERE APPLICABLE (Request
   written policy statement from University Examiner for requirements and pro-
   cedures).
3. Through a broad and extensive University program of credit-by-examination. Previ-
   ous formal course work is not a requirement. Tests exist for several levels of
   competency in each field. Faculty standardized tests as well as national tests are
   available through the University administered program. In some areas the student
   has options on which test he wishes to take.
   Requests for information and applications should be addressed to the University
   Examiner (25 East Jackson Boulevard). All requests for credit-by-examination must
   be addressed only to the University Examiner, who provides through the Deans' action
   on the application assurances of credit for tests taken—in general education, in the
   field of the major, or as an elective. Generally with such approval students may earn
   (at any time during degree study) as much as fifty per cent of degree credits.
Credit by Examination available in the following areas:
Accounting
Art
Behavioral-Social Sciences (De Paul College)
Biological Sciences
Chemistry
Classical Languages
Economics
Education
English Composition
Finance
Geography
History—European
United States
Western Civilization
Humanities (De Paul College)
Literature
Management
Marketing
Mathematics (Liberal Arts, Commerce)
Modern Languages—French
German
Spanish
Natural Sciences-Mathematics
Nursing
Philosophy
Philosophy and Religion (De Paul College)
Physics
Political Science
Psychology
Social-Behavioral Sciences (De Paul College)
Sociology
Statistics (Liberal Arts, Commerce)
Tests and Measurements
Theology
Western Civilization (History)

SENIOR ELECTIVE OPTION
A senior in good academic standing may register for one course each quarter, a maximum of 12 hours, in departments outside of his major and allied fields and general education requirements in which he will receive either a passing (PA) or failing (F) grade. A passing grade will not be part of the Grade Point Average. Written permission for this Senior Elective Option must be obtained from the Chairman of the department offering the course.

Registration

REGISTRAR'S OFFICE REGULATIONS
1. Each student is required to register at the time and in the manner prescribed by the University.
2. Each student is issued a De Paul University Student Identification Card (I.D.) to be carried while on campus. The student can be required to show this card at any time and must present it to use the library, and to pay by check at the bookstore. I.D. cards are not transferable.
3. Lost I.D. cards should be reported to the Registrar's Office immediately. A charge of $2.00 will be made to cover replacement costs.
4. The University reserves the right to cancel any course.
5. A student will receive credit only for courses taken in a section for which he has been duly registered.
6. Changes in registration (courses dropped or added) may be made by the student at the academic office of his home college. For detailed information see the section on Withdrawal from Courses in this bulletin.
7. An additional fee will be charged for any late registration.
8. No addition in registration for the current quarter may be made by any student after the first week of class.
9. A student may not change from the status of a credit student to that of an auditor, or vice versa, after the third week of class.
10. No withdrawal from registration can be made after the seventh week of class.
11. Registration is not complete until financial arrangements have been made.
COLLEGE RESTRICTIONS ON REGISTRATION

1. A day division degree-seeking student may not enroll for less than 12 nor more than 20 hours without explicit approval of his Dean. Evening division students may not enroll for more than 12 hours without approval obtained from the Dean.

2. A day division student on probation may not enroll for more than 12 hours, excepting credit in Military Science courses. An evening division student on probation in the College of Commerce may not enroll for more than 4 hours or in the Evening Division of Liberal Arts and Sciences for more than 8 hours without special permission from the Dean.

3. School of Education courses at the 300-400 level are open only to degree-seeking students enrolled in that school; however, non-degree seeking students and those in other Colleges and Schools may register after obtaining written permission from the School of Education.

4. In planning each quarter’s course of studies, the student should remember that required and basic courses take precedence over elective and advanced courses.

5. A student regularly employed is advised to discuss his course load for each quarter with his faculty adviser prior to registration.

GOVERNMENT CERTIFICATION OF REGISTRATION

Information concerning Selective Service, Veterans Administration and Social Security Certification is available through the Registrar’s Office, Chief of Certification.

During the School Term

ATTENDANCE AT CLASSES

Attendance policy is at the option of the various Colleges and Schools.

Under the Optional Attendance Plan the student bears the responsibility for allocating his time for class study, library work, and other preparation. He must be prepared to meet all course requirements in classes under this system.

Under the Required Attendance Plan, regular attendance is expected of all students. There are no excused absences from these classes. In general, twice the number of absences as there are weekly class meetings is deemed sufficient to take care of emergencies. An excessive number of absences will cause the student to be dropped automatically from these courses with a grade of FX. Tardiness of more than ten minutes is counted as an absence, of less than ten minutes, a half absence. Students who absent themselves the day before or the day after holidays or on the day of an announced quiz will incur twice the number of absences.

The various Colleges and Schools will inform the students of their specific policy.

COURSE EXAMINATIONS

All courses require, as a minimum, Mid-term and Final Examinations. Make-up Examinations are held on scheduled calendar dates. Applications for Make-up Examinations must be filed at the Dean’s Office three weeks prior to the scheduled date. A fee of $10.00 is charged for each scheduled Make-Up Examination. A fee of $20.00 is charged for an examination taken at any time other than the scheduled dates.

GRADES

Following is the key to the system of grading:

A indicates excellent achievement.
B indicates achievement that is above average.
C indicates average or basic achievement.
D indicates achievement that is less than average but sufficiently high to warrant passing.
F indicates failure to meet the minimum requirements of a course.
IN indicates that the course lacks completion at the time the grade is due.
PA indicates a passing grade in “pass-fail” courses.
W indicates that the student withdrew from a course before the end of the
quarter and was passing at the time of withdrawal.
WF indicates that the student withdrew from the course before the end of the
quarter and was failing at the time of withdrawal.
FX indicates failure due to excessive absences or unapproved withdrawal.

A grade of Incomplete (IN) must be removed before the end of the following
quarter. Responsibility for its removal rests entirely with the student. Failure to do so
automatically reduces the grade to F.

The grade D will not fill the requirements in a major field of concentration. The
student who receives a D grade in a course in his major sequence should, upon the
advice of his major counselor, either repeat the course or carry an equivalent amount
of credit in another subject in the field. Both grades will appear on the student’s record.
Credit will be given for the repeated course with the higher grade.

GRADE REPORTS

A report based on the professor’s evaluation of the student’s total achievement in
each course is sent to the student at the end of each quarter. This report includes
the accumulated grade point total and the quality point or Grade Point average. Report of
grades will not be released to students who have unresolved Financial or Library
delinquencies.

QUALITY POINTS

Quality points are awarded in relation to the grade given in a course according to
this schedule:
A—Four times as many quality points as the credit hours assigned to the course.
B—Three times the number of hours.
C—Twice the number of hours.
D—One quality point for each hour in the course.
F, WF, and FX—No quality points.
IN, PA, and W—These grades carry no quality points and are not included in
the Grade Point Average.

GRADE POINT AVERAGE

The Grade Point Average is computed by dividing the total number of quality points
accumulated by the total number of credit hours attempted. The Grade Point Average is
calculated only upon grades earned at De Paul University. Transfer, advance standing,
and “pass-fail” credits carry no grades nor quality points.

DEAN’S LIST

Full time students in the Day divisions who maintain a cumulative Grade Point
Average of 3.00 (B) or better have their names placed on the Dean’s List of exceptional students. This list is published at the end of each quarter.

PROBATION

Any student who fails to maintain a 2.00 (C) cumulative Grade Point Average is
subject to academic probation. A student will be removed from academic probation if his Grade Point Average reaches the required minimum in the quarter following his
placement on probation.

A student on probation is barred from carrying more than 12 hours, excepting
Military Science credit in the Day divisions, more than 4 hours in the Evening College
of Commerce, or more than 8 hours in the Evening Division of Liberal Arts and Sciences. A student on probation may not participate in inter-collegiate athletics.

A student will be subject to dismissal from the University if he fails to attain the required Grade Point Average in the next 12 hours attempted after being placed on probation. A student, whether on probation or not, will be subject to dismissal if the Dean at any time determines that he is deficient in his academic achievement.

A student dismissed for academic reasons shall not be eligible for readmission in any division of De Paul University for a period of two quarters subsequent to such exclusion. Application for readmission must be made through the Office of the Registrar well in advance of the quarter in which the applicant wishes to register. If readmitted, the student will be accepted on probation.

**DISCIPLINE**

The University expects its students to maintain the standards of conduct and good citizenship as found in the De Paul University Code of Student Responsibility. This document, available to all students, codifies the disciplinary regulations of the University and sets down the procedures for a student to follow if he believes that his rights are being violated.

**WITHDRAWAL FROM COURSES**

Withdrawals must be filed through the academic office of the student's home College. No withdrawal is permitted after the seventh week of the quarter. A student who withdraws without filing a withdrawal form will receive the grade of FX and be ineligible for refund.

A student required to withdraw from classes for failing to meet scholastic requirements in the previous quarter's work will not be charged for his cancelled registration. A student compelled to withdraw because of orders to report for active service in the Armed Forces comes under terms of special University policy. There is no refund for audited courses and, except for students dropped for poor scholarship, there is no refund for fees other than tuition.
Residence and Graduation Requirements

I. COURSES NOT TAKEN IN RESIDENCE
COURSES FROM OTHER INSTITUTIONS
1. Transfer credit is accepted under the regulations cited in the Transfer Student and Non-degree-seeking Student sections of this bulletin.
2. To receive credit applicable to a degree from De Paul University for courses taken in another institution after becoming a De Paul Degree-seeking Student, a student must obtain approval and written permission from the Dean prior to registration.

EXTENSION COURSES
Extension courses taught through other accredited institutions are accepted only when the sponsoring institution itself conducts the courses and certifies the grade and credit through an official transcript. Degree-seeking students in all cases must obtain the written permission of the Dean before enrolling in any extension course.

II. RESIDENCE REQUIREMENTS FOR GRADUATION
The student is bound by the college bulletin in effect at the time of acceptance as a degree-seeking student. A former student re-admitted is bound by the bulletin in effect at the time of re-admission.

To complete the residential requirements for a Bachelor's degree, a student must complete the following work at De Paul University:
1. The final 48 quarter hours of credit.
2. One-half of the credit earned in the major area of study.
3. All courses in the senior year, though exceptions may be made by the Dean in individual cases.

As a requirement to graduation, a student must have completed a minimum of 180 quarter hours and the total quality points must equal twice the number of quarter hours attempted.

A student must meet the Regulations of the individual College or School granting his degree. These specialized requirements are listed under Regulations in the copy explaining the programs of each College and School having such regulations.

A formal application for graduation must be filed by candidates in the Dean's office on the dates announced in the quarterly Academic Calendars. Application for graduation may be made only by classified Degree-seeking Students. All Students receiving degrees are required to be present at the graduation exercises. Permission to graduate in absentia may be granted by the Dean when a student presents his reasons in a letter to the Dean and makes arrangements for mailing the diploma.

III. GRADUATION WITH HONORS
The distinction "with highest honor" is conferred upon those who have demonstrated rare scholastic ability by obtaining a 3.6 grade point average.

The distinction "with high honor" is conferred upon those obtaining a 3.4 grade point average.

The distinction "with honor" is conferred upon those who have demonstrated definitely superior ability by obtaining a 3.2 grade point average.

A student graduating with honors must have completed at least one-half of the degree requirements in the College conferring the honor and be recommended by the Dean and by a committee of the faculty.
Transcripts of Credits

Requests for transcripts should be presented to the Registrar's Office in writing at least two weeks in advance of the time needed. Requests will not be taken over the phone. Transcripts are sent directly to the institution designated by the student. Students may, however, request transcripts for their personal use. A fee will be charged for each transcript requested, and will be issued only after the student has fulfilled all his financial obligations to the University.

Official transcripts of credit earned at other institutions are a part of the student's permanent record at De Paul University and are not reissued or copied for distribution. If needed, they must be obtained directly from the institution in question.

REVISION OF UNIVERSITY REGULATIONS

The University reserves the right to change programs, requirements, tuition or fees or to modify, amend or revoke any rules or regulations set forth in the University bulletins or schedules upon due notice.

Graduate Study At De Paul

De Paul University provides a number of programs in graduate education through its Graduate School. Students planning to complete a graduate program should inquire of faculty advisers how undergraduate juniors and seniors can, in most major concentrations, begin studies in the Graduate School applicable towards a Master's degree.

Master's degree programs are offered in Biological Sciences, Chemistry, Economics, Education, English, History, Latin, Mathematics, Nursing, Philosophy, Physics, Psychology, Sociology, Theology, and Rehabilitation Services through the Graduate School; in Accountancy, Economics, Finance, Management, and Marketing through the College of Commerce; and in Music Performance, Church Music, Music Education, Music Theory, and Composition through the School of Music.

The Departments of Biological Sciences, Philosophy, and Psychology also offer programs leading to the Ph.D. through the Graduate School.

Information can be obtained from departmental advisers and from the Graduate School Bulletin.

De Paul University also offers the advanced degree of Juris Doctor (J.D.) through the College of Law. See the College of Law Bulletin for further information.
UNIVERSITY ORGANIZATION AND FACILITIES

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Directory of University Offices and Services
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  College Theatre, Lincoln Park Campus

UNIVERSITY TESTING AND EVALUATIONS — Lewis Center,
  15th Floor
  DR. IRMA T. HALFTER, University Examiner
THE LINCOLN PARK CAMPUS

The Lincoln Park Campus, located in a near-North Side residential neighborhood in the vicinity of Sheffield and Fullerton Avenues, is approximately four miles from the Chicago Loop and the Lewis Center Campus. Here stand the principal academic buildings of the University along with the Lyceum Building, the College Theatre, the student activities and publications building, residence halls for clerical and lay faculty, and the University Church of St. Vincent de Paul. The major buildings on campus are:

*Alumni Hall*, 1011 West Belden (1956), a tri-level structure with a seating capacity of 5,240 providing a site for varsity athletics, graduation exercises, assemblies, lectures, concerts, social functions, and other extracurricular activities. Alumni Hall contains a gymnasium, exercise rooms, a swimming pool, handball courts and other athletic facilities, and houses classrooms and offices of the Department of Physical Education.

*Arthur J. Schmitt Academic Center*, 2323 N. Seminary (1967), a five-story structure housing library, classrooms, lecture halls, faculty, and administrative offices.

*The Hall of Science*, 2300 N. Kenmore (1938), a three-story structure occupied by classrooms, laboratories, and offices of the Department of Biological Sciences and the Department of Chemistry.

*The Liberal Arts Building*, 2322 N. Kenmore (1923), a four-story building accommodating administrative offices, classrooms, speech room, and language laboratory.

*Science Hall West*, 1215 W. Fullerton, occupied by laboratories and offices of the Department of Physics and the Department of Psychology.

*Main Residence Hall*, 2312 N. Clifton (1970) a six story structure, facilities include single and double rooms, main lounge and floor lounges, study room; for both men and women, available to all students.

*University Center*, 2324 N. Seminary (1970), a three story structure, facilities include a cafeteria, rathskeller, faculty dining room, recreation facilities, bookstore, student organizational offices, religious service area, lounge areas, conference rooms, arts and crafts areas, and a president's dining room.

THE FRANK J. LEWIS CENTER

*The Frank J. Lewis Center*, 25 E. Jackson Boulevard, is a 17-floor building located in Chicago's Loop on the southwest corner of Jackson Boulevard and Wabash Avenue, a ten minute subway-elevated ride from the Lincoln Park Campus. It contains the general administrative offices of the University, the administrative and faculty offices of various Colleges and Schools, along with air-conditioned libraries, classrooms, and the 500-seat De Paul Center Theatre.
THE UNIVERSITY LIBRARIES

The combined library facilities of De Paul University include over a quarter of a million volumes, over 1,600 periodical subscriptions, and extensive micro-card and micro-film collections. Among its outstanding holdings are the Napoleon and Irish Collections, the rare volumes of the Farthing Collection of Illinois Session Laws and Statutes, and the antiquarian treasury of Saint Thomas More's Works.

The Frank J. Lewis Center's second and third floors contain the Robert R. McCormick Memorial Library collection which is especially designed to serve the undergraduate and Graduate School programs using the Lewis Center campus. The Lower Arcade houses the current and bound periodical collections. Also at the Lewis Center is the Law Library whose collections of legal works, current judicial reports, statutes, and professional journals occupy the seventh floor.

On the Lincoln Park Campus the reserve reading room is situated on the second floor of the Academic Center. The third floor houses the Humanities and Social Sciences collections and the fourth floor, the Natural Sciences and the periodical collections.

Supplementing the University collections are such scholarly and special libraries as Newberry, John Crerar, Chicago Historical Society, International Relations, Municipal Reference, Art Institute, and many others. Information concerning their use can be obtained from the University librarian.
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De Paul University is accredited by:
The North Central Association of Colleges and Secondary Schools
The National Council for Accreditation of Teacher Education
The National Association of Schools of Music
The National League for Nursing
The American Chemical Society
The Association of American Law Schools
The American Association of Collegiate Schools of Business

De Paul University is on the approved list of:
The American Bar Association
The State Approval Agency for Veterans Training
The Illinois State Department of Education

De Paul University is a member of:
The National Catholic Educational Association
The Association of American Colleges
The Association of Urban Universities
The American Association of University Evening Colleges
The American Association of Colleges for Teacher Education
ADDRESS

CITY __________________________________ STATE __________________________ ZIP ____________

SOCIAL SECURITY NO. ______________________________ PHONE NO. ____________

I am a student graduating from _____________________________

Interested in ________________________________

Please send the following:

- Application for Admission
- Financial Aid Information
- Housing Information
- Transfer Student Information
- Other __________________________________________

NAME ________________________________

ADDRESS

CITY __________________________________ STATE __________________________ ZIP ____________

SOCIAL SECURITY NO. ______________________________ PHONE NO. ____________

I am a student graduating from _____________________________

Interested in ________________________________

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De Paul University Bulletins

Bulletins are available for the following divisions of De Paul University:

The Graduate School
The Graduate School of Business
The College of Law
The School of Music, Graduate Division
The Undergraduate Colleges and Schools

Requests for all of these bulletins except the Undergraduate Colleges and Schools should be addressed specifically to them, 25 East Jackson Boulevard, Chicago, Illinois 60604.