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## UMSL Bulletin 1962-1963

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**GENERAL INFORMATION**  
on the  
**UNIVERSITY OF MISSOURI**  
**NORMANDY RESIDENCE CENTER**

8001 NATURAL BRIDGE ROAD  
NORMANDY 21, MISSOURI  
(FORMERLY BELLERIVE COUNTRY CLUB)



**1962-63**

The University of Missouri-Normandy Residence Center proposes to organize the Summer Session courses announced herein, provided there is sufficient interest. A minimum of twenty (20) students will be required to form each of the courses listed.

### ADMISSION

Admission to the Summer Session should be arranged through the Resident Administrator, Normandy Residence Center, 8001 Natural Bridge Road, St. Louis 21, Missouri. Applicants seeking admission must file an application with him and have official transcripts of their high school and college credits sent to him by their respective high school principals or college registrars. These should be sent well in advance of registration day, before May 1 if possible. A form on which to file an application may be secured by writing to the Normandy Residence Center.

### NUMBER OF CREDIT HOURS

A student may register for a maximum of eight (8) semester hours

### REGISTRATION FEE

The registration fee is fifteen dollars (\$15.00) a semester hour.

### FACILITY FEE

The Normandy Board of Education will charge students who are not residents of the Normandy School District and all students who are over 21 years of age a facility fee of \$4.00 a semester hour. This charge will be eliminated if and when the University of Missouri-Normandy Residence Center is fully incorporated as a branch of the University.

The registration and facility fee must be paid at the time of registration as a condition of admission to classes.

Students leaving school or dropping courses will receive refunds of fees paid in accordance with the schedule of refunds published in the University of Missouri Bulletin of the 1963 Summer Session.

A fee of \$1.00 must be paid for each petition for change in course which is filed in the office after the last day of regular registration.

## COURSE OFFERINGS

	<i>Semester Hours</i>
Accounting 36, Elementary I .....	3
Chemistry I, Introductory Chemistry .....	5
Chemistry 11, General Chemistry .....	5
Economics 50, General Economics .....	3
Educ. A102, Educational Psychology .....	3
Educ. B125, History of American Education .....	3
Elementary Statistics 31 .....	3
English Composition 1, Composition .....	3
English Composition 2, Composition .....	3
English Composition 60, Exposition .....	3
English Literature 5, Masterpieces .....	2
English Literature 30, Eng. Life & Lit. ....	3
German 1, Beginning German .....	5
History 2, Western Civilization .....	5
History 20, American History .....	5
Mathematics 3, Basic Algebra .....	2
Mathematics 10, College Algebra .....	3
Mathematics 80, Analytic Geom. & Cal. I .....	5
Mathematics 201, Analytic Geom. & Cal. III .....	5
Philosophy 1, Elementary Logic .....	3
Philosophy 2, Introduction to Philosophy .....	3
Psychology 1, General Psychology .....	3
Sociology 1, General Sociology .....	3
Spanish 1, Beginning Spanish .....	5

**UNIVERSITY OF MISSOURI  
NORMANDY RESIDENCE CENTER**

8001 Natural Bridge Road  
St. Louis 21, Missouri

**SUMMER SESSION  
1963**

**CALENDAR**

June 17, Monday, Registration

June 18, Tuesday, Classwork Begins

July 4 and 5, Independence Day Holidays

August 9, Friday, Summer Session Closes at End of Day

Literature	175	<u>American Literature</u> (3) offered both semesters General Survey of American Literature; emphasis on major figures. Not open to Freshmen.
Philosophy	1	<u>Elementary Logic</u> (3) offered both semesters
Philosophy	5	<u>Introduction to Philosophy</u> (3) offered both semesters
Physics	11	<u>Elementary College Physics</u> (5) will not be offered
Physics	12	<u>Elementary College Physics</u> (5) will not be offered
Sociology	50	<u>Social Disorganization</u> (3) offered both semesters
Spanish	106	<u>Spanish Composition</u> (2) offered both semesters Prerequisite: Spanish 2 or equivalent. Systematic review of grammar, practice in composition

### ACADEMIC LOAD

The rules of the Faculty of the College require that the minimum number of hours in which a student may be enrolled during a regular session is 12, the maximum 16. Part time or special students, so designated by the Administration at the time of enrollment, may be allowed to carry less than the normal load.

WAIVER OF FOREIGN LANGUAGE REQUIREMENT IN WHOLE OR IN PART. Any student who, because of previous foreign language study or experience believes himself to have satisfied the requirement in whole or in part, may demonstrate his proficiency by examination. Note: Students may not defer or interrupt completing courses in foreign languages required for graduation or for admission to a professional school.

### FACILITY FEE

A facility fee of \$45.00 a semester is charged by the Normandy Board of Education. Students under twenty-one years of age whose parents reside in the Normandy School District do not pay this fee. Part time or special students who carry less than the normal load of 12 semester hours will pay a facility fee of \$4.00 a semester hour.

SUPPLEMENT TO  
1962-1963 CATALOG

Accounting 36	<u>Elementary Accounting I</u> (3) offered both semesters
Chemistry 1	<u>Introductory Chemistry</u> (5) offered Winter Semester only
Chemistry 11	<u>General Chemistry</u> (5) offered Fall Semester
Chemistry 12	<u>General Chemistry</u> (3) offered Winter Semester Prerequisite: grade of C or better in Chemistry 11. Continuation of 11 covering more advanced material.
Education A 102	<u>Educational Psychology</u> (3) will not be offered
Education B125	<u>History of American Education</u> (3) will not be offered
Mech. Eng. 1	<u>Engineering Drawing</u> (3) Fall Semester only
Mech. Eng. 10	<u>Descriptive Geometry</u> (3) Winter Semester only
History 1	<u>Western Civilization I</u> (5) will not be offered
History 2	<u>Western Civilization II: Man and Society in the Western World</u> (5) offered both semesters.

## COURSES OFFERED

R.O.T.C. and Physical Education courses not required.

With the consent of the Resident Administrator, students with superior scholastic records at the Center may be permitted to register for more than 16 hours. Normally, during a regular session, students whose grade point average is 2.75 may enroll for 17 hours; those with 3.0, for 18 hours; and those with 3.5, for 19 hours. No student in the Center may take more than 19 hours during a regular semester.

### ENGLISH

**1 Composition (3) f,w.**

Detailed study and practice in construction and the kinds of composition.

**2 Composition (3) f,w.**

A continuation of course 1.

**3 Special Composition (3) f.**

For freshmen showing superior ability in placement tests. If passed with A or B grade, fulfills freshman English requirement.

**60 Exposition (3) f,w.**

Prerequisite, six hours of Composition or the equivalent. Study and practice of expository writing including original essays.

### LITERATURE

**5 Masterpieces (2) f.**

The great writings of modern English and American authors read and examined with a view to increasing the student's appreciation of literature.

**6 Masterpieces (2) w.**

The great writing of modern English and American authors read and examined with a view to increasing the student's appreciation of literature.

**30 English Life and Literature (3) f.**

A general survey course in English literature. Not open to freshmen. These courses or their equivalent are required for all upperclass English courses at the University of Missouri except General Literature, The Structure of American English, The English Novel, and The American Novel.

**40 English Life and Literature (3) w.**

A general survey course in English literature. Not open to freshmen. These courses or their equivalent are required for all upperclass English courses at the University of Missouri except General Literature, The Structure of American English, The English Novel, and The American Novel.

### FRENCH

Students entering with no high school units in French should take 1; students entering with 1 high school unit in French should take 1, for which they will receive 3 hours credit; students entering with 2 high school units in French should take 2; students entering with 3 high school units in French may take 2 for 3 hours credit, or course 103.

**1 Elementary French (5) f.**

Beginning course in composition, conversation, and reading. Five recitation and two laboratory periods per week.

**2 Intermediate French (5) w.**

Continuation of course 1. Five recitation periods per week. Two additional periods in the language laboratory are provided for students who demonstrate oral-aural aptitude in course 1.

**103 French Reading (3) f.**

Prerequisite, course 2 or equivalent. Cultivation of reading skill combined with introduction to the humanistic values of the literature.

### SPANISH

Students entering with no high school units in Spanish should take 1; students entering with one high school unit in Spanish should take 1 for which they will receive 3 hours credit; students entering with 2 high school units in Spanish should take 2; students entering with 3 high school units in Spanish may take 2 for 3 hours credit or course 103.

**1 Elementary Spanish (5) f.**

Beginning course in composition, conversation, and reading. Five recitation and two laboratory periods per week.

**2 Intermediate Spanish (5) w.**

Continuation of course 1. Five recitation periods per week. Two additional periods in the language laboratory are provided for students who demonstrate oral-aural aptitude in course 1.

**103 Spanish Reading (3) f.**

Prerequisite, course 2 or equivalent. Cultivation of reading skill combined with introduction to the humanistic values of the literature.

### GERMAN

Students entering with no high school units in German should take 1; students entering with 1 high school unit in German should take 1, for which they will receive 3 hours credit; students entering with 2 high school units in German should take 2; students entering with 3 high school units in German may take 2 for 3 hours credit, or course 103.

**1 Beginning German (5) f.**

**2 Intermediate German (5) w.**

Prerequisite, course 1 or equivalent high school German.

**103 Advanced Reading (3) f.**

Prerequisites, courses 1 and 2 or equivalent high school German.

### MATHEMATICS

**3 Basic Algebra (2) f,w.**

For students who have less than the prerequisite for course 10.

**9 Trigonometry (2) f,w.**

Prerequisite, any of the following: (a) one and one-half units in algebra and a unit in geometry; (b) a unit in geometry or Mathematics 5, and course 3 or 10.

**10 College Algebra (3) f,w.**

Prerequisite, one unit in algebra and one unit in geometry, or one and one half units in algebra, or course 3. This course will usually be given in two sections: those with two and one half high school units in mathematics including one and half units in algebra, or those with two units of algebra will be assigned to a section meeting three hours per week; others with less background will be assigned to sections meeting five hours per week. A review of topics from elementary algebra; systems of quadratics, quadratics, systems of linear equations with an introduction to determinants, graphing, progressions, inequalities, complex numbers, mathematical induction, binomial theorem, theory of equations, and logarithms.

**80 Analytic Geometry and Calculus I (5) f,w.**

Prerequisite, a grade of C in courses 9 and 10. Selected students with three and one half to four high school units of mathematics including two units of algebra, one unit of plane geometry, and one half unit in trigonometry may be admitted without taking courses 9 and 10. Introduction to plane analytic geometry, differential calculus. Courses 80, 175, 201 are a sequence of courses which have integrated the material normally contained in courses in plane and solid analytic geometry and differential and integral calculus.

**175 Analytic Geometry and Calculus II (5) f,w.**

Prerequisite, a grade of C or better in course 80. Selected topics from plane analytic geometry and calculus.

**201 Analytic Geometry and Calculus III (5) w.**

Prerequisite, a grade of C or better in course 175. Solid analytic geometry and selected topics in calculus.

**POLITICAL SCIENCE**

**1 American Government (5) f,w.**

A basic course dealing with the American system of government. Political organization, institutions, and functions at national, state, and local levels are covered.

**HISTORY**

**1 Western Civilization I: Man and Society from Earliest to Modern Times (5) w.**

**20 American History (5) f,w.**

A survey of American history and institutions with attention to state and national constitutional development.

**ZOOLOGY**

**1 Introductory Zoology (5) f.**

Introduction to important principles and concepts of zoology. Emphasis on: cell biology; evolution; genetics; ecology; structure, function, and development of the organism.

**BOTANY**

**1 General Botany (5) w.**

An introduction to fundamental principles of biology as illustrated by plants.

due and payable at the time of final registration in September 1962 (See calendar). Should the student choose not to complete his enrollment and request a refund of the \$50.00 after acceptance, a fee of \$5.00 will be withheld. Special attention is called to other applicable fees such as LATE REGISTRATION FEES, FEES FOR CHANGE IN COURSES, and REFUND FEES. These are outlined on pages 22 through 28 of the General University Bulletin.

Those students now in attendance at the Residence Center may pre-register for the 1962-63 school year without the down payment of \$50.00. The entire fee for these students is due and payable at the time of final registration in September 1962. (See calendar)

Text books may be purchased at the Residence Center through the University Book Store. Cost of text books will average about \$40.00 per semester. The book store will re-purchase usable text books at the close of each semester.

**LIMITATION OF ENROLLMENT:** Enrollment will be limited to approximately 550 students during the third year of operation of the Residence Center. It is estimated that 200 of the 300 Freshmen now enrolled will be eligible to return next fall. 1962 Freshmen who meet the admission requirements will be admitted, up to the number of 350 students, to make up the desired student body size.

Priority in enrollment will be given to admissible students residing in the Normandy School District. Those applicants not residing in the Normandy School District will be considered for admission on the basis of their qualifications and in order of application.

**INFORMATION** may be secured by contacting the University of Missouri-Normandy Residence Center office, 8001 Natural Bridge Road, Normandy 21, Missouri. Telephone EV 5-5871.

**COURSE NUMBERS:** Each course bears a distinguishing number which identifies it within the department and indicates, broadly, its rank. The numbering system is as follows:

1- 24 indicates courses regularly open to Freshmen

25-199 courses primarily for Sophomores

**CREDIT:** The unit of credit at the University of Missouri-Normandy Residence Center is the semester hour which represents a subject pursued one period a week for one semester of 16 weeks. In general, a course valued at 3 semester hours meets for 3 periods per week for one semester.

Following the title of the course, the number of hours of credit is given in parenthesis.

**SEMESTER DESIGNATION:** The small letters following the title of the course and the credit it carries indicate in which semester the course is to be offered. Thus, "f" indicates the course is to be offered in the first or fall semester; "w" indicates the second or winter semester.



## GENERAL INFORMATION

**LOCATION:** Classes will be held at the University of Missouri-Normandy Residence Center at 8001 Natural Bridge Road, Normandy 21, Missouri.

The program at the Residence Center is operated jointly by the Board of Education of the Normandy School District and the University of Missouri to provide an educational opportunity on the college level to the graduates of St. Louis area high schools.

**ADMISSION:** Applicants seeking admission to University of Missouri-Normandy Residence Center must file an application with the Resident Administrator of the Center and have official transcripts of their high school credits forwarded by the principals of their high schools to the Resident Administrator, University of Missouri—Normandy Residence Center, 8001 Natural Bridge Road, Normandy Missouri. Applications may be secured by writing the Normandy Residence Center at 8001 Natural Bridge Road, Normandy 21, Missouri. All applications and transcripts should be marked "Normandy Residence Center."

Applications will be accepted from graduates ranking in the upper two thirds of their graduating class *after the close of the 7th semester* of high school. Applicants who rank in the lower third of their graduating class will file their applications following graduation. This group of graduates, in the lower third of their class, will then be requested to go to the Columbia Campus and take a battery of tests. Admission to the Residence Center will rest upon the results of these tests and the action of the entrance committee.

Pre-Registration for the 1962-63 school year will begin on January 29, 1962 and continue until the capacity of the Residence Center has been reached.

**COURSES, ACCREDITATION AND POLICY:** First year (Freshman) and second year (Sophomore) courses will be offered at the Residence Center by the College of Arts and Science of the University of Missouri, and administered by the Division of Continuing Education. University of Missouri residence credit will be granted for all courses completed. Students seeking to transfer to colleges or universities other than the University of Missouri should check carefully the college catalogue as to the requirements for transfer to that particular school.

The policies concerning admission, withdrawal, dismissal and refunds will be followed as stated in the University of Missouri Catalogue.

**COST:** An enrollment fee of \$15.00 per semester hour will be charged and collected by the University. The normal academic load for students at the Residence Center is 15 hours per semester. A payment of \$50.00 at the time of pre-registration will be required of all new students. This payment of \$50.00 is refundable if student is not accepted. This fee will be credited to the entire charge due for the semester. The balance of the fee will be

## CHEMISTRY

Continuation of course 1. Five recitation periods per week. Two additional high school prerequisite periods in the language laboratory are provided for students who demonstrate oral-aural aptitude in course 1.

### 1 Introductory Chemistry (5) f,w.

A presentation of inorganic, organic, physical and analytical chemistry meant for the general student. Does not satisfy prerequisites for any other chemistry courses except Chemistry 11 and Chemistry 15.

### 11 General Chemistry (5) f.

A presentation of inorganic, organic, physical and analytical chemistry. Prerequisites, (1) either (a) one and one-half units of algebra and one unit of geometry and a Q score of at least 50, or (b) one unit of geometry or Mathematics 5 and Mathematics 3 or 7, or (c) a grade of "C" or better in Chemistry 1.

## PHYSICS

### 11 Elementary College Physics (5) f.

Prerequisites, high school algebra and plane geometry. Covers mechanics, heat, sound, and a few topics in magnetism and electrostatics. Three lectures and two laboratory periods per week.

### 12 Elementary College Physics (3) w.

Prerequisite, course 11. The latter part of the sequence begun in course 11. It includes the remainder of electricity, modern physics, and light. Two lectures and one laboratory period per week.

## MECHANICAL ENGINEERING

### 1 Engineering Drawing (3) f,w.

Lettering, use of instruments, freehand sketching, orthographic projection. Detail and assembly drawings, dimensioning, drafting conventions.

### 10 Descriptive Geometry (3) f,w.

Prerequisites: course 1 and preceded or accompanied by Mathematics 9 and 10. Graphical solutions of space problems by the use of orthographic drawing principles involving points, lines and plane surfaces; intersections and developed surfaces.

## SOCIOLOGY

### 1 General Sociology (3), f,w.

Open to freshmen and sophomores only. Nature of organization and activities of human groupings—family, community, crowd, social class, etc.; structure and function of institutions; social influences shaping personality and behavior; social change.

### 50 Social Disorganization (3) w.

Prerequisite, course 1. Deviations from group norms to which there is a negative societal reaction: crime, prostitution, alcoholism, radicalism.

## PSYCHOLOGY

### 1 General Psychology (3) f.

No prerequisite. A survey of the facts, principles, and methods in the study of human behavior. This course does not satisfy the biological science requirement for the A.B. degree at the University of Missouri.

**30 Applied Psychology (3) w.**

Prerequisite, Psychology 1 or 2. The application of psychology to business with emphasis on advertising, personnel selection, and efficiency. Briefer reference to personal efficiency, law, medicine, and education.

**ECONOMICS**

**51 General Economics (5) f,w.**

Prerequisite, sophomore standing. An introduction to the subject of economics with emphasis on certain fundamental principles and their application to questions of policy.

**50 General Economics (3) f.**

Prerequisite, sophomore standing. An introduction to the subject of economics with emphasis on certain fundamental principles and their application to questions of policy.

**51 General Economics (3) w. Continuation of Course 50.**

**ACCOUNTING**

**36 Elementary Accounting I (3) f.**

Prerequisite, sophomore standing. A study of the fundamental principles of accounting and their application. Analysis of the balance sheet and income statement.

**37 Elementary Accounting II (3) w.**

Prerequisite, 36 or equivalent training. A continuation of the study of accounting principles and procedures with emphasis on the accounts of the corporation.

**31 Elementary Statistics (3) f,w.**

Prerequisites, Mathematics 10 and sophomore standing. Collection and presentation of data; averages; dispersion; and introduction to statistical inference, index numbers, time series, and correlation.

**PHILOSOPHY**

**1 Elementary Logic (3) f.**

The formal principles of deduction and induction with special attention to criticism of argument, detection of fallacies, and certain philosophic problems arising out of logic.

**5 Introduction to Philosophy (3) w.**

The principal problems of philosophy and their typical solutions with special reference to problems of knowledge, of the natural world, and of society.

**1962-1963 CALENDAR**

September 13—Thursday, Final Registration—8:00 A.M.—4:00 P.M.

September 14—Friday, Final Registration—8:00 A.M.—4:00 P.M.

September 15—Saturday—Student Government Association—New Student Party

September 17—Monday—Opening Convocation—10:00 A.M.

September 18—Tuesday—Classes Begin—8:00 A.M.

November 22-23—Thanksgiving Holidays

November 26—Monday—Classwork Resumes—8:00 A.M.

December 21—Friday—Christmas Vacation Begins at close of day

January 7—Classwork Resumes at 8:00 A.M.

January 21-25—Final Examinations

January 25—Friday—First Semester Closes

January 31—Thursday, Final Registration for Second Semester

February 1—Friday—Final Registration for Second Semester

February 4—Monday—Classwork Begins for Second Semester

April 11-12-13—Easter Recess

April 15—Monday—Classwork Resumes 8:00 A.M.

May 27-31—Final Examinations

May 31—Friday—Second Semester Closes

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NUMBER 40**

**EXTENSION SERIES, NUMBER 149**

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UNIVERSITY OF MISSOURI-  
NORMANDY RESIDENCE CENTER  
8001 Natural Bridge Road  
St. Louis 21, Missouri

May 1, 1962

Dear Applicant:

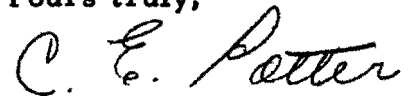
The March 9th decision of the Missouri Supreme Court makes it necessary to continue operating the University of Missouri-Normandy Residence Center under the plan followed during the past two years. Under this plan the Normandy School District furnishes the quarters and upkeep while the University of Missouri provides the faculty.

Had the Missouri Supreme Court allowed the Normandy School District to transfer the property to the University of Missouri, the facility fee charged by the school district could have been eliminated.

It is now necessary to add the following to the information contained in the general information bulletin sent to you at an earlier date:

"A facility fee of \$45.00 a semester is charged by the Normandy Board of Education. Students under twenty-one years of age whose parents reside in the Normandy School District do not pay this fee. Part time or special students who have been so designated by the administration, may be allowed to carry less than the normal load of 12 semester hours. These students will pay a facility fee of \$4.00 a semester hour."

Yours truly,



C. E. Potter  
Resident Administrator