

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

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



1963-64

## 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,w.

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

### 2 Intermediate Spanish (5) f,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,w.

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

### 106 Spanish Composition (2) w.

Prerequisite 2 or equivalent. Systematic review of grammar, practice in composition.

## STATISTICS

### 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.

## 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.

## 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.

Applications for the 1963-64 school year will be accepted beginning February 4, 1963, 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

due and payable at the time of final registration in September 1963 (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 in the General University Bulletin.

These charges will be subject to a reduction if and when the University of Missouri-Normandy Residence Center is fully incorporated as a branch of the University.

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.

**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 \$45.00 a semester payable at the time of final registration. Designated part-time or unclassified students will pay 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.

**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.

**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 (unclassified) 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.

**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.

## MECHANICAL ENGINEERING

### 1 Engineering Drawing (3) f.

Lettering, use of instruments, freehand sketching, orthographic projection. Detail and assembly drawings, dimensioning, drafting conventions. No credit awarded for Arts and Science degrees.

### 10 Descriptive Geometry (3) 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. No credit awarded for Arts and Science degrees.

## PHILOSOPHY

### 1 Elementary Logic (3) f,w.

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) f,w.

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

## 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.

## PSYCHOLOGY

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

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.

## 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) f,w.

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

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

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

Prerequisite, course 1 or equivalent high school German.

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

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

**HISTORY**

**2 Western Civilization II (5) f,w.**

Man and Society in the Modern World.

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

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

**MATHEMATICS**

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

For students who have less than the prerequisite for course 10. (No credit toward degree.)

**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.

**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.

Additional suggestions and regulations may be found in the Announcement Bulletin of the College of Arts and Science, University of Missouri, which information is considered incorporated in this Bulletin.

**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.

**ACCOUNTING**

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

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) f,w.**

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

**BOTANY**

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

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

## CHEMISTRY

### 1 Introductory Chemistry (5) 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.

### 12 General Chemistry (3) w.

Prerequisite: grade of C or better in Chemistry 11. Continuation of 11 covering more advanced material.

## ECONOMICS

### 50 General Economics (3) 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.

### 51 General Economics (3) f,w. Continuation of Course 50.

## EDUCATION

### A102 Education—Educational Psychology (3) f,w.

Prerequisite: 45 hours college credit. General elementary course to acquaint students with scientific psychological principles underlying education.

### B125 Education—History of American Education (3) f,w.

Prerequisite: A course in American History. Comprehensive study of development of American education. Stresses American education ideas, American school system, and social forces affecting American Education.

## ENGLISH COMPOSITION

### 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.

### 175 American Literature (3) f,w.

General survey of American Literature; emphasis on major figures. Not open to Freshmen.

## 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,w.

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

### 2 Intermediate French (5) f,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,w.

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.