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SUMMER SESSION AT ROLLA

ANNOUNCEMENT 1936



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FACULTY—SUMMER SESSION AT ROLLA

1936

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ANNOUNCEMENT

SUMMER SESSION AT ROLLA

University Calendar at Rolla

Summer 1936

June 1.....Monday, registration.
June 2.....Tuesday, 7 a. m., classes begin.
June 27.....Saturday, 9:00-12:00 a. m., Junior English Test.
July 4.....Saturday, holiday.
August 2.....Sunday, 11:00 a. m., Baccalaureate Address.
August 6.....Thursday, 8:00 p. m., Commencement Exercises.
August 7.....Friday, final examinations.
August 8.....Saturday, 12 noon, Summer Session closes.

GENERAL INFORMATION

LENGTH OF TERM. The Summer Session at Rolla extends from June 1 to August 8, a period of ten weeks, during which ten hours of college credit may be made.

AIM OF THE SUMMER SESSION. The University of Missouri, in accordance with its desire to be of service to the people of the State, conducts a summer school at Rolla. For this purpose it uses the buildings and equipment of the School of Mines. Credits made are placed on the records of the University. In every case the State Department of Education extends full credit toward the various certificates for which the teachers are preparing.

THE FACULTY. The members of the Summer Session faculty are drawn from the regular teaching staffs of the University and the School of Mines, and all courses are offered by thoroughly trained instructors. Where it is necessary to employ instructors from other institutions, care is taken to secure only those who are expert in their own particular field.

LIVING EXPENSES. Inasmuch as Rolla is a college town, its facilities for caring for students are ample. Living expenses in Rolla will compare favorably with those of any community.

Good used books may be purchased from local booksellers and in many instances may be resold to them. Expense for books therefore is small.

THE EQUIPMENT. Practically the entire plant of the School of Mines is placed at the disposal of the University for the conduct of the Summer Session. The campus is situated in the highest part of the city of Rolla and is thirty-two acres in extent. It contains beautiful lawns, groves of native oak and maple shade trees. The Jackling Athletic Field has a baseball diamond, a

football gridiron, and a four hundred-forty yard running track and tennis courts. There are nine large buildings given over to the lecture rooms and laboratories. A library of over 45,000 volumes and a thoroughly-equipped and modern gymnasium containing a swimming pool twenty feet by sixty feet are at the disposal of the Summer Session students.

SOCIAL AND RELIGIOUS OPPORTUNITIES. The Summer Session affords recreation for the entire student body. Social gatherings, special lectures, entertainments, and motion pictures are provided. Convocation of the student body is held weekly. Sports, teams, and contests are arranged by the Department of Physical Education. Tennis courts, golf courses, an excellent swimming pool, and a large athletic field are available for sports and training. Many points of scenic interest are near to which frequent excursions are made.

Rolla is a city of churches. In addition to the regular services, each church maintains the usual organizations that engage the attention of young people. The Catholic Church fosters the Patrician Club, a home for the young women of this creed who attend the Summer Session.

TUITION AND FEES

TUITION. Tuition is free to students who are residents of the state of Missouri.

INCIDENTAL FEE. All students in the Summer Session, except those especially exempt by rules of the Board of Curators, are required to pay an incidental fee of \$3.00 per semester hour of credit. Special course and laboratory fees are included in the above incidental fee. In calculating fees, normal credit hours are used as a basis of calculation; courses taken for credit and courses taken as a "Hearer" are considered as of equal value, (e. g. The fee for a five hour course will be five times the unit charge regardless of whether the student takes the course for less than five hours' credit or for no credit), except that a student carrying 7 hours or more may, with the permission of the Assistant to the Dean, enrol concurrently in other courses as a hearer with no additional charge.

All students registering in the Summer Session will be given without additional charge a subscription to "The Ozarker", the official paper of the Rolla Summer Session, and admission to the Summer Session entertainment program.

REFUND OF FEES. The refund of fees will be made in accordance with the following schedule:

<i>Length of Residence</i>	<i>Amount of Fee to be Refunded</i>
First week	80%
Between one and two weeks	60%
Between two and three weeks	40%
Between three and four weeks	20%
After four weeks	No refund

ENTRANCE REQUIREMENTS

Fifteen units, the equivalent of a four-year high school course, are required.

FILING OF CREDENTIALS. Graduates of high schools entering the Rolla Summer Session for the first time must either file a certificate of credits officially signed by their Superintendent or Principal in advance of their registration or bring such a certificate with them. Students who come with advanced standing from other colleges must, in addition to a certification of their credits from a high school, file a transcript of their advanced credits.

ENROLMENT. All students must enrol as regular or special students in either the College of Arts and Science or in the School of Education.

ADMISSION OF SPECIAL STUDENTS. In recognition of the fact that experience and maturity tend to compensate in a measure for lack of scholastic attainments, persons who can give satisfactory evidence that they are more than twenty-one years old will be admitted as special students to any of the college classes for which they are prepared.

Special students may not become candidates for a degree until entrance requirements are met. However, college courses may be counted as *high school credit* in the same subject, five hours for one high school unit. It is possible to earn two high school units of credit during the summer term.

REQUIREMENTS FOR ADMISSION TO SCHOOL OF EDUCATION

The requirements for admission to the School of Education are the satisfactory completion of:

1. A four-year high school course or its equivalent; and
2. Sixty semester hours of credit which may be accepted toward the degree of B. S. in Education.

REQUIREMENTS FOR UNIVERSITY DEGREE AND CERTIFICATE

Information concerning the Degree of Bachelor of Science in Education and Life Certificate to teach in the public schools of Missouri may be found in the current University catalog.

A copy of the University catalog may be secured by writing the Registrar, University of Missouri, Columbia, Missouri. Copies of the catalog will be available on registration day in the Library.

RESIDENCE REQUIREMENTS FOR THE B. S. DEGREE. A student must spend his last three summers in residence in the University of Missouri, either at Rolla or Columbia in order to obtain the degree B. S. in Education. Students entering with advanced standing must take at least three courses in education to fulfill the requirements for the degree and must take at least one course with not less than three hours credit in the academic subject of speciali-

zation. Students completing the requirements for high school teaching must complete at least one three-hour course in both the major and minor subjects of specialization.

REQUIREMENTS FOR OTHER UNIVERSITY DEGREES. Students wishing to complete the requirements for degrees other than that of B. S. in Education should consult the general University catalog.

TRAINING SCHOOL FACILITIES FOR TEACHERS

The Summer Session gives opportunity for student teaching both in elementary and high school subjects. Education E151s provides opportunity for teaching the elementary school subjects in the actual classroom situation of the first six grades under the immediate guidance and help of a supervisor. Hours and credit must be arranged with the instructor before registration. Prerequisite, E121s.

Education D150s, Student Teaching in High School, has for its aim the giving to students who plan to teach in the secondary school an opportunity to teach a high school class in their major or minor subjects under the guidance of a supervisor. Hours and credit must be arranged with the instructor before registration. Education D110 is a prerequisite to this course.

REQUIREMENTS FOR UNIVERSITY DEGREE AND CERTIFICATE

1. Requirements for Degree of Bachelor of Science in Education and Life Certificate to teach in the public schools of Missouri:
 - A. *Elementary School Teachers.*
 1. Regular admission to the School of Education.
 2. The completion of sixty semester hours of work in addition to the sixty semester hours required for entrance to the School of Education.
 3. He must in his junior year pass a test of proficiency in English, excepting that a student whose English is found to be unsatisfactory will be given a further test at the beginning of his senior year. No student will be recommended for graduation until his English is satisfactory.
 4. He must complete a total of 120 points of college work, including the 60 hours' work required for admission to the School of Education. Each hour of credit is valued in points as follows: E, 3 points; S, 2 points; M, 1 point. No points are given for the I and F grades. "Passed" grades and advanced standing are treated as of M grades.
 5. He must be recommended by the Faculty of the School of Education.

6. Completion of the following required professional education courses:

Educational Psychology	3 hours
Elementary School Organization and Management	2 hours
Technique of Teaching in Elementary School	3 hours
School Hygiene	2 hours
Assistant in Elementary School	6 hours
Teaching of Art	2 hours
Music in Primary Grades	2 hours
History of Education	3 hours
Diagnostic Testing and Remedial Teaching	3 hours
Special Methods in reading, or arithmetic	2 hours
7. Completion of one academic minor of at least 15 semester hours.
8. Completion of the following other courses or their equivalent:

Geography	3 hours
English Composition and Rhetoric	5-6 hours
Literature	5 hours
Social Studies (including American History)	10 hours
Art	5 hours
Music (In special cases students may be excused from this course)	5 hours

B. *High School Teachers*

Requirements 1 to 5 inclusive as stated above for elementary school teachers.

6. Completion of the following required professional education courses:

Educational Psychology	3 hours
History of Education	3 hours
Technique of Teaching in High School	3 hours
School Hygiene	2 hours
High School Administration for Teachers	2 hours
Teaching of the student's subject of specialization	2 hours
Student Teaching	5 hours
7. Completion of an academic major and an academic minor according to the requirements listed in the divisions of this bulletin.

HIGH SCHOOL CREDIT

In connection with student teaching in high school, pupils of high school grade may make a maximum of one and one-half units credit during the Summer Session.

They may select their program from the following courses: Advanced Arithmetic, one-half unit; Solid Geometry, one-half unit; Civics, one-half

unit; American History, one unit; Sociology, one-half unit; English Literature and Composition, one unit; American Literature and Composition, one unit. Other high school courses may be offered if the number of students and student teachers requires the organization. Prospective students should report for registration on Tuesday, June 2, at 1 p. m. in Parker Hall. No tuition charge will be made but anyone enrolled in the practice teaching high school who desires a student activity ticket which will entitle him to a subscription to the "Ozarker" and admission to the Summer Session entertainment program, will be asked to pay for it.

CREDIT TOWARD COUNTY AND STATE CERTIFICATES

Credit toward county and state certificates may be earned in the Summer Session. Credit in all courses offered in the Summer Session will be accepted in lieu of examination for county and state certificates. Courses are offered in practically every subject required for any kind of certificate.

Before beginning work for any kind of county or state certificate, the student should secure from the county or state superintendent of schools a written statement of just what is required and present this statement on enrolment to the Director of the Summer Session.

COUNTY CERTIFICATES. Practically all subjects needed for the first and second grade certificates are offered in the Summer Session.

APPROVED GRADES. The following regulations concerning approved grades are copied verbatim from the Rules and Regulations of the State Department of Education. A copy of this pamphlet may be secured by writing the State Superintendent of Schools, Jefferson City, Missouri.

"Grades made in an approved summer session of college grade, or during the regular session of such school, if used on a teaching certificate in lieu of the regular examination grade must be certified on the proper blank to this Department as soon as the session closes. These grades may be certified to the county superintendent in the county where the certificate is to be used, provided, however, that unless these grades are used within a two-year period following the completion of the course in which they are made they become void and cannot be used on a county certificate.

Three approved grades may be made during any one term, provided one of them is Pedagogy. Two and one-half hours shall constitute the minimum amount of work required for one approved grade, provided two and one-half hours of approved work shall have been completed in this subject at some previous time; otherwise five hours in any one subject will be required for an approved grade.

Grades for the following subjects will be approved as follows:

Language-Grammar	Composition and Rhetoric
Literature	Regular course in Literature
Arithmetic	Course in advanced Arithmetic
Algebra	College Algebra
Science	Any laboratory science
Civil Government	American Government or Citizenship
U. S. History	Any course in American History
Pedagogy	Technique (Method of Teaching) or Organization and Management of Elementary or Rural School
Geography	Course in Geography

No substitution will be permitted unless agreed upon before beginning of term. Correspondence and extension work will not be accepted for approved grades on a county certificate.

REGULATION OF STUDIES

For a list of courses offered in the 1936 Rolla Summer Session see the Statement of Courses.

Observance of the following regulations must be made by students enrolling in the various courses:

Education 40s Rural School Organization and Management may not be substituted for E120s, and Education 60s Technique of Teaching in Rural Schools may not be substituted for E121s. Only courses 40s and 60s in Education are open to Freshmen.

A102s Educational Psychology is open to Junior and Senior students and with the consent of the Assistant to the Dean of the School of Education to Sophomore students.

For prerequisites or regulations concerning other courses in Education, English, Mathematics or Social Studies, see the general current catalog.

Provisions have been made for complete majors and minors in English, General Science, Social Studies and Mathematics.

For additional information concerning the Summer Session in Rolla, address

Director in Charge,
Summer Session,
Rolla, Missouri.

STATEMENT OF COURSES

ART

2s. **INTRODUCTION TO ART.** Open to all students. The elementary principles of design and representation, including elements of architecture, are presented in illustrated lectures. (3) MISS MOORE.

50s. **ART CRAFT I.** An introduction to the problems of construction and the fundamental principles of design as related to materials. It emphasizes the essential value of the elements of beauty in daily life. It is planned to meet the needs of students who have had little or no previous training and are unaware of any artistic ability. (3) MISS MOORE.

EDUCATION

40s. **RURAL SCHOOL ORGANIZATION AND MANAGEMENT.** This course will deal in a practical way with the problems met in the organization and management of a rural school. Not to be substituted for course E120s. (3) MISS MORRIS.

60s. **TECHNIQUE OF TEACHING IN RURAL SCHOOLS.** General principles of method; the use of the state course of study; methods of teaching the specific subjects required in rural schools. Not to be substituted for course E121s. (3) MISS MORRIS.

A102s. **EDUCATIONAL PSYCHOLOGY.** Introduction to the science of education; application of the methods and results of experimental psychology to the problems of training children. Open to Junior and Senior students and with consent of Assistant to Dean of the School of Education to Sophomore students. (3) MR. LEAVER.

A140s. **DIAGNOSTIC TESTING AND REMEDIAL TEACHING.** Technique of using educational and mental tests in the improvement of instruction. Primarily for elementary school teachers. Prerequisites, Educational Psychology A102, Technique of Teaching in Elementary School E121. (3) MR. LEAVER.

B125s. **HISTORY OF EDUCATION.** To give a better understanding and appreciation of the present educational situation through a study of its development. (3) MR. LEAVER.

D103s. **TEACHING OF ART.** Lectures, observation and discussion. Deals with content, methods and materials in the teaching of Art. (2) MISS MOORE.

D110s. **TECHNIQUE OF HIGH SCHOOL TEACHING.** A study of methods of class work with illustrations and observations in the high school grades. Prerequisite, Education A102, Educational Psychology. (3) MR. LEWIS.

D121s. **TEACHING OF SOCIAL STUDIES IN HIGH SCHOOL.** The fundamental problems of teaching the Social Studies on the high school level. The required course for all majors in the Social Studies and elective for all minors. Prerequisite A102 and preferably D110. (2) MR. ANGUS.

D124s. THE TEACHING OF GENERAL SCIENCE. Prerequisite A102. (2) MR. WOODMAN.

D130s. SCHOOL HYGIENE. Technique of physical examination of school children and methods of carrying out the health program of the public schools. (2) MR. MILLAR.

D140s. HIGH SCHOOL ADMINISTRATION FOR TEACHERS. Problems of effective methods of school management from the standpoint of teachers in the secondary schools. Prerequisite A102 and preferably D110. (2) MR. LEWIS.

D150s. STUDENT TEACHING IN HIGH SCHOOL. Hours and credits to be arranged with instructor before registration. Prerequisites A102 and D110. (Credit to be arranged). MR. CRAMER.

E106s. TEACHING OF ARITHMETIC. Fundamental techniques in the teaching of arithmetic. Selection of materials and methods for elementary school grades. (2) MISS MORRIS.

E120s. ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT. A study of the major problems of organization and management from the point of view of the teacher in the elementary school. (2) MR. LEWIS.

E121s. TECHNIQUE OF TEACHING IN ELEMENTARY SCHOOLS. A study of the current principles and practices relating to the fundamental activities of the elementary classroom teacher. Prerequisite A102. (3) MISS BURK.

E129s. MUSIC IN PRIMARY GRADES. Public School Music methods, emphasizing rote singing and listening lessons. (2) MRS. TELLO.

E140s. THE TEACHING OF READING. Fundamental techniques in the teaching of reading. Selection of material and methods for the elementary school grades. (3) MISS BURK.

E145s. OBSERVATION AND PARTICIPATION. This course will consist of discussions of problems in elementary school teaching followed by planned observation of work in the Summer Session elementary school. Work will be allotted to students in this course so that they will have definite participation in the work of teaching elementary school pupils. (1 to 3) MR. CRAMER.

E151s. ASSISTANT IN THE ELEMENTARY SCHOOL. Hours and credit must be arranged with the instructor before registration. Prerequisites A102, E121. (Credit to be arranged) MR. CRAMER, MISS BURK.

E175s. SCHOOL SUPERVISION. Fundamental theory and technique to be used in helping teachers. Use will be made of demonstration school classes in working on actual problems. (3) MR. CRAMER.

ENGLISH

MAJOR AND MINOR IN ENGLISH

The major in English is twenty-nine hours exclusive of the required Freshman courses and, in addition to the Life and Literature courses, must

include one course in advanced composition (60), the course in Oral Interpretation (74), the course in Public Speaking (75), the course in the English Language (119), one course in English literature before the eighteenth century, and one course in later literature (after 1660). Upon the basis of these requirements, majors will be built up to meet the needs of different students. At least twelve of the hours must be made up of upperclass courses.

A minor in English is eighteen hours exclusive of the required Freshman courses and requires, besides the Life and Literature courses (30 and 40) or their equivalent, the four basic courses of the major (in advanced composition, the English language, and the earlier and later literature) and the course in Oral Interpretation of Literature (74 or 75).

1s. COMPOSITION AND RHETORIC. Detailed study and practice in construction and the kinds of composition. (3) MR. BRADLEY, MRS. SEASE.

2s. COMPOSITION AND RHETORIC. A continuation of course 1. (3) MR. BRADLEY.

Courses 1 and 2 must precede all other courses in English.

40s. ENGLISH LIFE AND LITERATURE. A general survey course in English literature studied in its relation to successive phases of English national life. (3; 2 for upper classmen, except those who have had no English beyond courses 1 and 2.) MRS. SEASE.

Courses 30s and 40s are required for admission to upperclass courses in English literature.

60s. EXPOSITION. The critical study of current exposition, with practice in writing. (3) MR. CAGG.

74s. ORAL INTERPRETATION. Intensive study of literary forms; principles of oral reading; individual drill before classroom presentation of selections. (2) MR. JOHNSON.

119s. THE ENGLISH LANGUAGE. The present facts of the English Language, with an introduction to the science of Language; the past development of English, with an introduction to old English. (3) MR. CAGG.

135s. SHAKESPEARE. Hamlet, Macbeth, Henry V, Tempest. (3) MR. BARLEY.

156s. JOHNSON AND HIS TIME. Philosophy, criticism, and social ideas as reflected in English literature from 1730 to 1780. (3) MR. CAGG.

162s. THE NOVEL. The English novel from Fielding to Conrad. (3) MRS. SEASE.

165s. THE ROMANTIC PERIOD. A study of literary tendencies and representative authors. (3) MR. JOHNSON.

171s. MODERN PROSE WRITERS. Study of selected prose writers of the nineteenth and twentieth centuries who deal with important present-day problems of American life. (3) MR. JOHNSON.

GEOGRAPHY

6s. INTRODUCTORY GEOGRAPHY. Principles involved in the study of man's relations to geographical environment. (3) MR. ADAMS.

110s. GEOGRAPHY OF NORTH AMERICA. This course is intended to give the student an understanding of the physical and cultural relations in each of the several geographical regions of the continent north of Mexico. (3) MR. ADAMS.

125s. ECONOMIC GEOGRAPHY. A study of world distribution of producing and consuming areas, and the trade routes which connect them, together with the reasons for their distribution. (3) MR. ADAMS.

MATHEMATICS

MAJOR AND MINOR IN MATHEMATICS

A major in Mathematics consists of 24 semester hours and must include Algebra and Trigonometry, Analytical Geometry, Differential and Integral Calculus, and the Mathematics of Finance. A minor in Mathematics consists of 15 semester hours and must include Algebra and Trigonometry, Analytical Geometry and Differential Calculus.

1s. INTRODUCTORY COURSE. Prerequisite, one entrance unit in algebra. (3) MR. GARRETT.

6s. ALGEBRA. Prerequisite course 1s or three entrance units in mathematics. (3) MR. GARRETT.

7s. TRIGONOMETRY. Prerequisite course 1s or three entrance units in mathematics. (3) MR. GARRETT.

4s. ANALYTIC GEOMETRY. Plane and solid analytic geometry and introduction to the calculus. (5) MR. DENNIE.

5s. DIFFERENTIAL CALCULUS. Prerequisite course 4s. (5) MR. HINSCH.

55s. THE MATHEMATICS OF FINANCE. Prerequisite course 1s or its equivalent. (3) MR. DENNIE.

100s. INTEGRAL CALCULUS. Prerequisite course 5s. (5) MR. HINSCH.

MUSIC

5s. DICTATION AND EAR TRAINING. An elementary course in notation, ear training, dictation and sight reading. (2) MRS. TELLO.

21s. APPRECIATION OF MUSIC. A course emphasizing the various phases of musical beauty, designed to furnish a rational basis for intelligent listening to music. An ability to differentiate pitch is essential. (2) MRS. TELLO.

41s. UNIVERSITY CHORUS. Preparation and public performance of great choral masterpieces. A voice of pleasing quality and an ability to read a very simple hymn are prerequisite for membership in the University Chorus. Two hours per week. (1) MRS. TELLO.

43s. UNIVERSITY ORCHESTRA. The total credit in University Chorus and Orchestra may not exceed 4 hours. (1) MRS. TELLO.

PHYSICAL EDUCATION

9s. RECREATIONAL ATHLETICS FOR MEN. A general course for recreation, health and personal efficiency. (1) MR. DENNIE.

11s. RECREATIONAL ATHLETICS FOR WOMEN. A general course for recreation, health and personal efficiency. (1) MRS. WRIGHT.

25s. ELEMENTARY FOLK DANCING. Selected and graded singing games and elementary folk dances suitable for use in the classroom, gymnasium, and on the playground. (2) MRS. WRIGHT.

54s. PLAYS AND GAMES. Games suitable for the playground, elementary and secondary schools. (2) MRS. WRIGHT.

118s. SWIMMING FOR WOMEN. A practical course open to any woman registered in Summer Session. There will be sections for beginners, for intermediate swimmers and for advanced pupils. (1) MRS. WRIGHT.

140s. SWIMMING FOR MEN. A course for beginners. (1) MR. DENNIE.

SCIENCE

MAJOR AND MINOR IN GENERAL SCIENCE

A major in General Science consists of forty semester hours and should include 10 hours in Physics, 10 hours in Chemistry, and 10 hours in Biological Science, preferably distributed between Botany and Zoology. In addition a student should add a minimum of at least 5 hours to each of two fields.

A minor in General Science includes thirty semester hours and should be made up of 15 hours in Biological Science, 10 hours in Physics and 5 hours in Chemistry. An additional 5 hours in Physics would qualify the student to teach General Science, Biology and Physics.

1s. GENERAL BIOLOGY. A beginning course dealing with the fundamentals of plant and animal life. (5) MR. MILLAR.

1s. GENERAL BOTANY. Introduction to the principles and methods of Botany. (5) MR. MILLAR.

1s. GENERAL INORGANIC CHEMISTRY. An introductory course. (5) MR. SCHRENK.

2s. GENERAL ORGANIC CHEMISTRY. Prerequisite course 1 or its equivalent. A continuation of course 1. Courses 1 and 2 are prerequisites to all courses in Chemistry. (3 or 5) MR. SCHRENK.

121s. QUANTITATIVE CHEMICAL ANALYSIS. The general principles. (5) MR. SCHRENK.

1s. ELEMENTARY COLLEGE PHYSICS. Prerequisite plane geometry. (5) MR. WOODMAN.

4s. GENERAL PHYSICS. Prerequisite course 1 and Trigonometry. (5) MR. WOODMAN.

SOCIAL STUDIES

MAJOR AND MINOR IN THE SOCIAL STUDIES

A major in the Social Studies consists of forty semester hours and must include fifteen hours in History made up of Introduction to History, 5 hours; American History, 5 hours; Recent United States History, 3 hours; Contemporary Europe, 3 hours; General Economics, 5 hours; American Government, 5 hours; General Sociology, 5 hours; and Geography, 9 hours.

Because of the breadth of training required for teachers of Social Studies it is essential that students preparing to teach in this field start their preparation early.

A minor in the Social Studies consists of thirty semester hours and must include Introduction to History, 5 hours; American History, 5 hours; Recent United States History, 3 hours; Contemporary Europe, 3 hours; General Economics, 5 hours; American Government, 5 hours and General Sociology, 5 hours. Electives may be in the field of Geography.

1s. INTRODUCTION TO HISTORY. A survey of world history from the beginnings to 1870. (5) MR. SCHULTZ.

8s. AMERICAN HISTORY. A survey of the colonial and national periods. (5) MR. ANGUS.

106s. CONTEMPORARY EUROPE. A survey of European history in the nineteenth and twentieth centuries dealing with political and economic development and the insistent problems of world politics. (3) MR. HUITT.

110s. RECENT UNITED STATES HISTORY. A study of the United States since 1898 as an historical background to present day problems. (3) MR. SCHULTZ.

1s. AMERICAN GOVERNMENT. A basic course dealing with the fundamental principles of political science and the organization, principles, and functions of American government in all its divisions—national, state and local. (5) MR. HUITT.

1s. GENERAL ECONOMICS. An introduction to the general field of economics. (5) MR. LLOYD.

1s. GENERAL SOCIOLOGY. A study of the factors influencing group life and of the processes found in society followed by a treatment of the standing institutions and problems in social life in terms of the concepts developed. (5) MR. LLOYD.

SCHEDULE OF COURSES

The University of Missouri reserves the right to cancel any or all courses herein listed, or to make any changes or substitutions which may appear to be necessary without further notice.

Any change in courses or in the hour of meeting must first be approved by the Director in Charge.

Courses herein listed are offered for undergraduate credit only.

Abbreviations used in this schedule are:

M—Monday	C—Chemistry Building
T—Tuesday	Exp. Sta.—Experiment Station
W—Wednesday	Gym.—Jackling Gymnasium
Th—Thursday	M—Metallurgy Building
F—Friday	N—Norwood Hall
S—Saturday	P—Parker Hall
D—Daily	

Course	Lecture	Laboratory	Room
Art			
2s. Introduction to Art (3).....	9 F	8-10 MTWTh	N. 302
50s. Artcraft I (3).....	11 F	1-3 MTWTh	N. 302
Education			
40s. Rural School Organization and Management (3) ..	2 D	-----	M. 123
60s. Technique of Teaching in Rural Schools (3).....	8 D	-----	M. 123
A102s. Educational Psychology (3).....	7 D	-----	N. 202
A140s. Diagnostic Testing and Remedial Teaching (3)...	9 D	-----	N. 202
B125s. History of Education (3).....	11 D	-----	N. 202
D103s. Teaching of Art (2).....	7 MTWTh	-----	N. 302
D110s. Technique of High School Teaching (3).....	8 D	-----	N. 204
D121s. Teaching of Social Studies in High School (2)....	Arrange	-----	N. 300B
D124s. Teaching of General Science (2).....	Arrange	-----	N. 104
D130s. School Hygiene (2).....	10 MTWF	-----	P. 3
D140s. High School Administration for Teachers (2)....	9 MTWTh	-----	N. 110
D150s. Student Teaching in High School (credit arrange)	Arrange	-----	Arrange
E106s. Teaching of Arithmetic (2).....	10 MTWTh	-----	N. 104
E120s. Elementary School Organization and Manage- ment (2).....	2 MTWTh	-----	N. 110
E121s. Technique of Teaching in Elementary School (3) ..	8 D	-----	N. 300B
E129s. Music in Primary Grades (2).....	9 MTWTh	-----	N. 200
E140s. The Teaching of Reading (3).....	1 D	-----	N. 304
E145s. Observation and Participation (3).....	Arrange	-----	Arrange
E151s. Assistant in Elementary School (2-3).....	Arrange	-----	CentralSch.
E175s. School Supervision (3).....	7 D	-----	N. 110
English			
1s. Composition and Rhetoric (3).....	9 D	-----	N. 300B
2s. Composition and Rhetoric (3).....	11 D	-----	N. 304
40s. English Literature (3).....	7 D	-----	N. 304
60s. Exposition (3).....	9 D	-----	N. 306
74s. Oral Interpretation of Literature (2).....	10 MTWF	-----	N. 300B

Course	Lecture	Laboratory	Room
119s. The English Language (3)-----	11 D	-----	N. 306
135s. Shakespeare (3)-----	9 D	-----	N. 108
156s. The Age of Johnson (3)-----	7 D	-----	N. 306
162s. The Novel (3)-----	10 D, 1 hr. arr.	-----	N. 304
165s. The Romantic Period (3)-----	8 D	-----	N. 306
171s. Modern Prose Writers (3)-----	7 D	-----	N. 300B
Geography			
6s. Introductory Geography (3)-----	9 D	-----	N. 204
110s. Geography of North America (3)-----	1 D	-----	N. 204
125s. Economic Geography (3)-----	11 D	-----	N. 204
Mathematics			
1s. Introductory Course (3)-----	7 D	-----	P. 2
6s. Algebra (3)-----	8 D	-----	P. 2
4s. Analytic Geometry (5)-----	11 D, 3 hrs. arr.	-----	N. 108
5s. Differential Calculus (5)-----	8 D, 3 hrs. arr.	-----	N. 110
7s. Trigonometry (3)-----	10 MTWTF, 1 hr. arr.	-----	P. 2
55s. Mathematics of Finance (3)-----	7 D	-----	N. 108
100s. Integral Calculus (5)-----	11 D, 3 hrs. arr.	-----	N. 110
Music			
5s. Dictation and Ear Training (2)-----	8 MTWTh	-----	N. 200
21s. Appreciation of Music (2)-----	7 TWThF	-----	N. 200
41s. University Chorus (1)-----	4 MW	-----	N. 200
43s. University Orchestra (1)-----	Arrange	-----	N. 200
Physical Education			
9s. Recreational Athletics for Men (1)-----	1 to 6 arr.	-----	Gym.
11s. Recreational Athletics for Women (1)-----	1 to 6 arr.	-----	Gym.
25s. Elementary Folk Dancing (2)-----	11 MTWTh	-----	Gym.
54s. Plays and Games (2)-----	10 MTWTF	-----	Gym.
118s. Swimming for Women (1)-----	3 TW	-----	Gym.
140s. Swimming for Men (Beginners) (1)-----	Arrange	-----	Gym.
Science			
1s. General Biology (5)-----	8 D	4 two hour peri- ods to be arr.	P. 3
1s. General Botany (5)-----	9 D	4 two hour peri- ods to be arr.	P. 3
1s. General Inorganic Chemistry (5)-----	9 D	4 two hour peri- ods to be arr.	C. 109
2s. General Inorganic Chemistry (3) or (5)-----	11 D	4 two hour peri- ods to be arr.	C. 109
121s. Quantitative Analysis (5)-----	8 D	4 two hour peri- ods to be arr.	C. 109
1s. Elementary College Physics (5)-----	11 D	4 two hour peri- ods to be arr.	N. 104
4s. General Physics (5)-----	7 D	4 two hour peri- ods to be arr.	N. 104
Social Studies			
1s. Introduction to History (5)-----	11 D, 3 hrs. arr.	-----	N. 300B
8s. American History (5)-----	7 D, 3 hrs. arr.	-----	M. 227
106s. Contemporary Europe (3)-----	8 D	-----	M. 227
110s. Recent United States (3)-----	7 D	-----	M. 227
1s. American Government (5)-----	9 D, 3 hrs. arr.	-----	M. 227
1s. General Economics (5)-----	7 D, 3 hrs. arr.	-----	P. 6
1s. General Sociology (5)-----	8 D, 3 hrs. arr.	-----	P. 6

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