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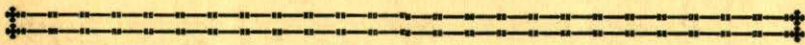
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MARSHALL COLLEGE

Announcement

MASTER'S COURSES AND DEGREES

1939 - 1940

APRIL 1, 1939.

HUNTINGTON, WEST VIRGINIA



MARSHALL COLLEGE CALENDAR

1939 SUMMER SESSION

June 6, Tuesday..... Registration
June 7, Wednesday..... Classes begin
August 4, Friday..... Session closes
(Three Weeks' Term begins Monday, August 7, and closes Saturday, August 29.)

SESSION 1939 - 1940

First Semester:

September 12, Tuesday..... Session begins
September 14, Thursday..... Graduate registration
September 15, Friday..... Work begins
November 21, Thursday..... Thanksgiving Day
December 21, Thursday, 1:00 p. m..... Christmas recess begins

1940

January 3, Wednesday, 8:00 a. m..... Classes resume
January 27, Saturday, 6:00 p. m..... Semester ends

Second Semester:

January 30, Tuesday..... Session begins
January 31, Wednesday..... Graduate registration
February 1, Thursday..... Work begins
March 21, Thursday, 1:00 p. m..... Easter recess begins
March 27, Wednesday, 8:00 a. m..... Classes resume
June 2, Sunday, 11:00 a. m..... Baccalaureate Sermon
June 3, Monday..... Alumni Day
June 4, Tuesday, 10:30 a. m..... Commencement
One Hundred and Third Commencement
June 4, Tuesday..... Semester ends

MARSHALL COLLEGE

Huntington, West Virginia
JAMES E. ALLEN, President

WEST VIRGINIA BOARD OF CONTROL

Charleston

WALTER R. THURMOND, President.....	Charleston
M. D. CARRICO, Treasurer.....	Charleston
JOHN BAKER WHITE, Secretary.....	Charleston

In the management of colleges, the State Board of Control has the direction of the financial and business affairs.

WEST VIRGINIA BOARD OF EDUCATION

Charleston

W. W. TRENT, State Superintendent of Schools, President.....	Charleston
BERNARD McCLAUGHERTY	Bluefield
PHILIP P. GIBSON.....	Huntington
ALBERT B. WHITE.....	Parkersburg
MRS. MARY BACHTLER BOYD.....	Wheeling
DAN N. MOHLER.....	Charleston
FRANK J. BECKWITH.....	Charles Town
DAVID KIRBY, Secretary.....	Charleston

The State Board of Education has control and supervision over the colleges in matters of academic nature.

ADMINISTRATION

JAMES E. ALLEN, *President*,

A. B. 1898, LL. D. 1923, Hampden Sydney College; graduate study in Latin 1902, 1903, University of Virginia; 1903-1906, Johns Hopkins University.

OTIS G. WILSON, *Dean of the Teachers College*,

M. A. 1911, West Virginia University; Ped. D. 1936, Salem College; graduate study in Education 1930-1931, University of Pittsburgh.

WILLIAM EBEN GREENLEAF, *Dean of the College of Arts and Sciences*,
Ph. D. 1926, Yale University.

LEE FAIRCHILD BACON, *Dean of Women*,

M. A. 1928, University of Wisconsin; M. A. 1935, Columbia University; graduate study in Personnel Administration 1938, Harvard University.

KENNETH KARL LOEMKER, *Dean of Men and Associate Professor of Psychology*,

M. A. 1929 University of Chicago; graduate study in Psychology

1928-1930 University of Illinois; 1931, 1933, 1937-1938, University of Chicago.

WILLIAM NELSON BEETHAM, *Registrar*,

Ph. B. 1899, Mt. Union College; graduate study in Education, 1921-1922, Columbia University.

ORA STAATS, *Financial Secretary*.

ATTARAH B. BLACKWOOD, *College Secretary*,

A. B. 1930, Goucher College.

ROSA OLIVER, *Librarian*,

A. B. 1921, North Carolina College for Women; New York State Library School 1923, certificate.

THE GRADUATE COUNCIL

JAMES BLAINE SHOUSE, *M. A.*, (*Chairman*), *Professor of Education*.

ELSWORTH VACHEL BOWERS, *Ph. D.*, *Professor of Psychology and Director of Psychological Clinic*.

ALBERT ROBERTS HALLEY, *Ph. D.*, *Professor of English*.

ARVIL E. HARRIS, *Ph. D.*, *Associate Professor of Political Science*.

AUGUSTUS HAYES, *Ph. D.*, *Professor of Sociology*.

CHARLES EMBURY HEDRICK, *Ph. D.*, *Professor of History*.

LESLIE JAY TODD, *Ph. D.*, *Professor of Chemistry*.

WILLIAM EBEN GREENLEAF, *Ph. D.*, (*ex-officio*) *Dean of the College of Arts and Sciences and Professor of Zoology*.

OTIS GUY WILSON, *M. A.*, *Ped. D.*, (*ex-officio*) *Dean of the Teachers College and Professor of Education*.

THE GRADUATE FACULTY

JOHN FRANK BARTLETT, *Professor of Chemistry*,

Ph. D. 1932, West Virginia University; post-doctorate study, 1936-1937, University of Zurich, University of Edinburgh, and Technische Hochschule in Munich.

ELSWORTH VACHEL BOWERS, *Professor of Psychology and Director of Psychological Clinic*,

Ph. D. 1929, Ohio State University.

MAURICE GWINN BURNSIDE, *Assistant Professor of Political Science*,

Ph. D. 1938, Duke University.

CONLEY HALL DILLON, *Associate Professor of Political Science*,

Ph. D. 1936, Duke University.

ARVIL E. HARRIS, *Associate Professor of Political Science*,

Ph. D. 1936, State University of Iowa.

AUGUSTUS HAYES, *Professor of Sociology*,

Ph. D. 1920, University of Wisconsin.

HAROLD M. HAYWARD, *Assistant Professor of Sociology*,

Ph. D. 1937, Clark University.

CHARLES EMBURY HEDRICK, *Professor of History*,

Ph. D. 1927, George Peabody College for Teachers.

- ALLEN CONNABLE KLINGER, *Professor of History*,
Ph. D. 1930, University of Wisconsin.
- ROBERT JOSEPH LARGENT, *Professor of History*,
M. A. 1923, University of Chicago; graduate study in History 1921,
1922, 1923, 1925-1926, 1928, University of Chicago.
- KENNETH KARL LOEMKER, *Associate Professor of Psychology and Dean
of Men*,
M. A. 1929, University of Chicago; graduate study in Psychology
1928-1930, University of Illinois 1931, 1933, 1937-1938, University
of Chicago.
- JAMES BLAINE SHOUSE, *Professor of Education*,
M. A. 1910, University of Chicago; graduate study in Education
1915-1916, 1917, 1918, 1919, University of Chicago.
- LESLIE JAY TODD, *Professor of Chemistry*,
Ph. D. 1931, Columbia University.
- HORACE GRESHAM TOOLE, *Professor of History*,
Ph. D. 1932, University of Pennsylvania.
- ROY CLEO WOODS, *Professor of Education*,
Ph. D. 1927, University of Iowa.

GRADUATE COURSES AND GRADUATE DEGREES

In October, 1938, the State Board of Education approved regulations under which Marshall College is authorized to conduct graduate instruction leading to Master of Arts and Master of Science degrees. Such graduate work is first to be given during the summer session of this year (1939).

Ordinarily the Master of Arts degree will follow the Bachelor of Arts degree, and the Master of Science degree will follow the Bachelor of Science degree; however, in case a Bachelor of Arts degree has been received on qualifications which meet present requirements for Bachelor of Science degree, either the Master of Arts or the Master of Science degree may follow, at the option of the candidate.

For the present, graduate work is restricted to six departments: Chemistry, education, history, political science, psychology, sociology. Other departments will be authorized to undertake graduate instruction as circumstances permit.

ADMINISTRATION

The graduate council directs graduate work, its chairman serving as executive officer in such relations as registration and graduating exercises. To each graduate student an adviser from his major department is assigned by the chairman of the council; it is the duty of the adviser to assist the student and the council chairman in planning the student's sequence of courses, and in the preparation of thesis.

ADMISSION

Any graduate of a recognized college may be admitted to graduate courses, admission of graduates of colleges other than Marshall College being based on official transcripts of high school and college credits. These transcripts should be received by the registrar of Marshall College direct from the institution which granted this undergraduate degree.

While any graduate of a recognized college may be admitted to graduate courses, formal admission to candidacy for the master's degree is a second step, to be taken after the student has completed a full semester of graduate work (at least 12 semester hours). Candidacy is granted by the council upon written application by the student, endorsed by the adviser, and council approval of the student's record, as well as of his plan for completing his work.

DEGREE REQUIREMENTS

At least 30 semester hours of graduate credit must be earned in residence at Marshall College. The period of residence must be at least 36 weeks, part or all of which may be in summer terms.

A thesis is required in addition to the 30 hours of credit. In case the research work basic to the thesis is done in credit courses, a minimum of 32 hours will be required for the master's degree.

A minimum of 18 hours and a maximum of 24 hours may be earned in one subject, known as major subject. However, in case the 32 hour requirement is in force for the student, minimum and maximum for the major subject become 20 and 26 hours respectively. The remaining hours will be earned in a second subject, known as minor subject. Whether minimum or maximum hours are to be earned in major subject will depend upon several factors; for example, the adviser will take into consideration the student's undergraduate preparation and the strength of his graduate performance.

At least half of the hours in the major subject, and at least six hours in the minor subject, must be in strictly graduate courses (in the 500 series). Courses of the 400 series approved by the council may count toward the graduate degree, provided no undergraduate students except seniors are admitted; the graduate students in such courses will be required to do some work of a research character, in addition to the work assigned to seniors in the same classes. (To be classified as senior the student must have at least 90 semester hours of credit.)

The thesis must be sufficiently advanced, one month before the time of graduation, to assure the adviser of its acceptability to the council. Three bound copies of the thesis must be filed with the chairman of the council not later than two weeks before the date of graduation. The thesis must be prepared according to the form adopted by the council.

Oral and written examinations covering the thesis and the courses in the major subject are to be taken under the direction of the council after it appears that the major and minor course work will be successfully completed.

No course in which the grade earned is lower than B may be counted toward a graduate degree.

Requirements for the master's degree must all be met within a maximum period of six years.

Seniors who, in the last term or semester of undergraduate work, have less than a normal load to carry for graduation may fill their schedules to normal limits with graduate courses, to be applicable on master's degree.

DEGREE REQUIREMENTS BY DEPARTMENTS MAJOR IN CHEMISTRY

Undergraduate prerequisites:

- I. 24 hours of chemistry, or equivalent, including
 - A. General chemistry..... 2 semesters
 - B. Analytical chemistry (including qualitative and quantitative)..... 2 semesters
 - C. Organic chemistry..... 2 semesters
- II. Mathematics through differential and integral calculus.
- III. Two years of German. A reading knowledge of French is recommended.

Before the student is admitted to candidacy for a master's degree with major in chemistry (after 12 to 15 hours of graduate work has been completed), he must pass a written comprehensive examination in the three fields of undergraduate chemistry: general, analytical, organic.

Graduate Courses: 18 to 24 hours approved by the adviser.

MAJOR IN EDUCATION

Undergraduate prerequisite: 15 hours in education.

Graduate Courses: 18 to 24 hours approved by the adviser.

Four programs leading to master's degree with major in education are available:

PROGRAM A

(Meeting course requirements for county superintendents certificate.)

1. Required courses..... 16 hours
Education 501, 502, 503, 504, 505, 506, 507, 508.
2. Required electives..... 4 hours
From Education 520, 521, 522.
3. Permitted electives..... 4 hours
Any education courses open to graduate students.

PROGRAM B

(Meeting course requirements for elementary school principals certificate.)

1. Required courses..... 8 hours
Education 501, 504, 506, 507.

2. Required electives 10 hours
From Education 415, 520, 521, 522, 531—6 hours.
Other education courses open to graduate students—4 hours.
3. Permitted electives 6 hours
Any education courses open to graduate students.

PROGRAM C

(Meeting course requirements for secondary school principals certificate.)

1. Required courses 8 hours
Education 501, 505, 506, 508.
2. Required electives 10 hours
From Education 415, 460, 520, 521, 522, 532—6 hours.
Other education courses open to graduate students—4 hours.
3. Permitted electives 6 hours
Any education courses open to graduate students.

PROGRAM D

(Major in education without administrative certificate.)

Any courses in education open to graduate students—18 to 24 hrs.

MAJOR IN HISTORY

Undergraduate prerequisite: Six hours in American history; six hours in European history.

Graduate Courses: 18 to 24 hours approved by the adviser.

MAJOR IN POLITICAL SCIENCE

Undergraduate prerequisite: 12 hours in political science.

Graduate Courses: 18 to 24 hours approved by the adviser.

MAJOR IN PSYCHOLOGY

Undergraduate prerequisite: 12 hours of psychology. It is recommended also that the student have several courses in allied fields, such as sociology, physiology, neurology, history of (or contemporary schools in) philosophy. A knowledge of chemistry, physics and mathematics will prove advantageous.

Graduate Courses: 18 to 24 hours approved by the adviser.

MAJOR IN SOCIOLOGY

Undergraduate prerequisites: 12 hours in sociology before starting graduate major; six hours for minor. It is highly recommended that the undergraduate courses include a basic principles course, a course in social origins, one in social institutions, and a course in one of the fields of social disorganization. In addition the student must present 12 hours of credit in two or more of the following subjects: History, political science, economics, psychology.

Graduate Courses: 18 to 24 hours approved by the adviser, including Sociology 403, 418, 501.

COURSES OF INSTRUCTION BY DEPARTMENTS CHEMISTRY

Courses open to undergraduate seniors and to graduate students.

- 403. Advanced Inorganic Chemistry.** Two hours.
Complex metallic compounds, Werner theory, newer theory of valence, and the compounds of the lesser known metals. First semester. Lecture Tu., Th., at 9:00. Mr. Todd.
Prerequisites: Physics; analytical and organic chemistry.
- 404. Colloid Chemistry.** Two hours.
A study of colloidal solutions, inorganic and organic, from a chemical viewpoint. Second semester. Lecture Tu., Th., at 9:00. Mr. Todd.
Prerequisite: Chemistry 307.
- 411. Physical Chemistry.** Three hours.
A general course in physical chemistry. First semester. Lecture Mon., Wed., Fri., at 11:00.
Prerequisites: Analytical and organic chemistry; physics; mathematics through calculus.
- 412. Physical Chemistry.** Three hours.
A continuation of Chemistry 411. Second semester. Lecture Mon., Wed., Fri., at 11:00.
Prerequisite: Chemistry 411.
- 413. Experimental Physical Chemistry.** Two hours.
Experiments in viscosity, molecular weight determinations, vapor density, etc. First semester. Conference Mon., at 1:00. Laboratory to be arranged. Mr. Todd.
Prerequisite or parallel: Chemistry 411.
- 414. Experimental Physical Chemistry.** Two hours.
Experiments in rates of reaction, electromotive force, gas cells, salt effect, etc. Second semester. Conference Mon., at 1:00. Laboratory to be arranged. Mr. Todd.
Prerequisite: Chemistry 413.

COURSES OPEN TO GRADUATE STUDENTS ONLY

- 501. Advanced Organic Chemistry.** Fours hours.
A more comprehensive survey of the aliphatic and aromatic series with attention to the applications to the theories of organic chemistry.
Prerequisite: Chemistry 302.
- 502. Quantitative Organic Chemistry.** Two hours.
Ultimate analysis of organic compounds.
Prerequisite: Chemistry 302.

- 505. Seminar.** One hour.
Required of all graduate students.
- 506. Seminar.** One hour.
Required of all graduate students.
Prerequisite: Chemistry 505.
- 507. Research for Master's Degree.** Two hours.
A special problem, the completion of which furnishes the basis of the master's thesis.
- 508. Research for Master's Degree.** Four hours.
Continuation of Chemistry 507.

EDUCATION

Courses Open To Undergraduate Seniors And To Graduate Students

- 405. Educational Sociology.** Two hours.
What has a study of society to offer by way of answer to problems in education? Questions about objectives, curriculum, method arise for answer in terms of social considerations. Formerly Ed. 305. Mr. Shouse.
- 415. History of Modern Education.** Three hours.
Historical backgrounds of our public school system since the Renaissance. The course follows two main lines: development of educational practice; development of theory of education. Formerly Ed. 315. Mr. Shouse.
- 460. Philosophy of Education.** Three hours.
Contemporary educational thinking and practice in relation to the principal types of philosophy now current—realism, idealism, pragmatism. Educational literature examined for evidences of the influences of philosophical points of view. Seniors may take the course for either two or three hours of credit. Mr. Shouse.

COURSES OPEN TO GRADUATE STUDENTS ONLY

- 501. General School Administration: Basic Course.** Two hours.
In this course such topics as the following will be studied: Educational policies; state and national participation in school administration; state, county and local boards of education; relation of schools to other social agencies; community relations; organization of staff; such staff problems as training, selection, assignment, tenure, promotion, salaries, absence, retirement, professional ethics; sources of school statistics; school census; pupil attendance; provision for preschool and adult education.
- 502. General School Administration: Financial Aspects.** Two hours.
A continuation of Ed. 501, which is prerequisite. A study of business administration of schools will be made in this course,

using such topics as the following: Basic principles of school finance; taxation for school support; ability of the community to pay; school bonds; budgeting; accounting and auditing; economy procedures; payroll management; insurance.

503. General School Administration: Plant and Equipment. Two hours.

A continuation of Ed. 501, 502; Ed. 501 is prerequisite. In this course an intensive study will be made of the school plant, equipment and supplies. Topics to be studied will include: Planning school buildings; architectural service; maintenance and upkeep; custodial care; transportation equipment and its use.

504. Elementary School Administration. Two hours.

A careful study of the elementary school principalship, and the duties and responsibilities attaching to it. Relations between superintendent, principal, teachers. Study of the elementary school itself.

Prerequisite: Ed. 501.

505. Secondary School Administration. Two hours.

A careful study of the secondary school principalship, and the duties and responsibilities attaching to it. Relations between superintendent, principal, teachers. Study of the secondary school itself.

Prerequisite: Ed. 501.

506. Supervision of Instruction: Basic Course. Two hours.

A study of principles of supervision and techniques used in supervising the instructional work of the public schools.

507. Supervision of Elementary School Instruction. Two hours.

This course is an application to elementary school subjects of the principles and techniques studied in Ed. 506, which is prerequisite.

508. Supervision of Secondary School Instruction. Two hours.

This course is an application to secondary school subjects of the principles and techniques studied in Ed. 506, which is prerequisite.

520. Statistical Methods in Education. Two hours.

Techniques of computing statistical summaries of extended data: averages, dispersions, correlations; graphic methods; interpretation of published statistical tables.

521. Tests and Measurements. Two hours.

Restricted to measurement of school achievement. An advanced course presupposing Ed. 230 or Ed. 430. Technical aspects of test construction. Critical examination of published test materials.

- 522. Seminar in Education.** Two hours.
Introductory lectures on methods of independent investigation. Each student pursues an individual topic, submitting reports for group discussion and criticism.
- 531. Psychology of Elementary School Subjects.** Three hours.
Formerly Ed. 302. Analysis of the mental processes involved in the study of the several elementary school subjects.
- 532. Psychology of Secondary School Subjects.** Three hours.
Formerly Ed. 402. Analysis of the mental processes involved in the study of the several secondary school subjects.

HISTORY

Courses Open To Undergraduate Seniors And To Graduate Students

- 401. The South.** Three hours.
The social, economic, religious, political and intellectual development of the Southland from the colonial period to the downfall of the Confederacy with special attention to the "southern way of life" in the middle years of the nineteenth century. Formerly Hist. 333. Mr. Largent.
- 402. American Diplomacy.** Three hours.
The principles and policies guiding American diplomacy in its various stages of development, the methods commonly employed, and the personalities of leading American diplomats. Formerly Hist. 350. Mr. Largent.
- 421. The Era of the Renaissance and the Reformation.** Three hours.
A study of the changes, especially cultural, in Western Europe during the three centuries, 1300-1600. Mr. Klinger.
- 422. The French Revolution and the Napoleonic Era.** Three hours.
A study of the causes (1715-1789), sequences (1789-1799), and consequences (1799-1815) of the French Revolution. Mr. Klinger.
- 431. American History (since 1865).** Three hours.
An intensive study of the social, economic and political problems that grew out of the Civil War and the Reconstruction, and also imperialism and the World War. Mr. Hedrick.

COURSES OPEN TO GRADUATE STUDENTS ONLY

- 501. Historical Research.** Three hours.
The first part of this course is a study of the method and technique of historical research. The second part puts into practice the problems involved in the preparation of a master's thesis.

- 503. Constitutional History of the United States.** Two hours.
A study of the origins and development of American constitutional principles and practices.
- 504. Constitutional History of the United States.** Two hours.
A continuation of History 503.
- 505. Social and Economic Problems of the American Colonies.** Three hours.
- 506. Social and Economic Problems of the Early National Period in America.** Three hours.
- 507. The Old Northwest.** Two hours.
The study of the problems in connection with the settlement, distribution of land, organization of government, fur trade, conflict with the Indians, and the early social and economic adjustments.
- 508. The Civil War and Reconstruction, 1850-1877.** Three hours.
The abolition movement, king cotton diplomacy, secession, social and economic life during the Civil War, and the problems connected with the reconstruction and the transition from agricultural to industrial economy.
- 527. Problems in Early Modern European History.** Two hours.
A course for research into certain phases of the history of Europe during the century and a half from 1500 to 1650.
- 528. Problems in Recent European History.** Two hours.
Special investigation into certain historical events in European history from 1871 to 1914 that appear to have aided in causing the World War.

POLITICAL SCIENCE

Courses Open To Undergraduate Seniors And To Graduate Students

- 405. International Relations.** Three hours.
Formerly Pol. Sci. 401. An examination of the forces motivating the conduct of nations in their relations, with special consideration of the rise and development of international institutions. The approach to this study is economic and historical as well as political. First semester: M., W., F., at 11:00. Mr. Dillon.
Prerequisite: Pol. Sci. 201, 202.
- 406. Contemporary World Politics.** Three hours.
Formerly Pol. Sci. 402. A study of present day currents in international affairs, with an examination of the underlying motives of national states. The place of international organizations in the post-war world is given special attention. The cur-

rent opinion of international political observers, both American and foreign, is considered. Second semester: M., W., F., at 11:00. Mr. Dillon.

Prerequisite: Pol. Sci. 201, 202.

409. Parliamentary Governments. Three hours.

An analysis of the origin, development, structure and current operation of the English, French, Swiss and other selected democratic governments. First semester: M., W., F., at 11:00. Offered alternate years. Mr. Burnside.

410. Modern Dictatorships. Three hours.

A study of the ideology, structure and operation of the totalitarian states, with an effort to compare their methods with democratic procedure. Second semester: M., W., F., at 11:00. Offered alternate years. Mr. Burnside.

420. State Administration. Three hours.

It is the purpose of this course to outline the numerous activities in which each of the forty-eight states may be expected to engage today, and to propose ways of organizing suitable agencies for the proper administration of these services. The actual working of these various departments will be discussed and studied from the states' reports. Mr. Burnside.

425. Early Political Theory. Three hours.

An historical survey and examination of the political theories from time of Plato to Burke, with an effort to show their effect on modern political institutions. First semester, alternate years. Mr. Dillon.

426. Recent Political Theory. Three hours.

A study of the ideas of leading recent political philosophers with particular emphasis on the basic ideologies of the modern democratic and totalitarian states. Second semester, alternate years. Mr. Dillon.

COURSES OPEN TO GRADUATE STUDENTS ONLY

511. The Legislative Process and Legislative Procedure. Three hours.

Principles, procedures and problems of statute law-making in the United States, followed by a critical study of current acts and pending problems before Congress and the state legislature.

517. National Administration. Three hours.

Principles of administrative law of the United States are reviewed, followed by a study of the organization and function of administrative departments, boards and commissions in their relation to other branches of the government.

521. Municipal Administration. Three hours.

A study of principles and methods of municipal administra-

tion in the United States, including such topics as city planning, zoning, engineering, health, housing, finance, police administration, crime, transportation, playgrounds, poor relief.

550. Seminar. Credit to be arranged.

To be offered in connection with courses listed above.

PSYCHOLOGY

Courses Open To Undergraduate Seniors And To Graduate Students

406. Theories of Intelligence. Three hours.

A study of the nature of intelligence, individual differences, and mental levels; and significance of measuring intelligence; also the relation of intelligence to social efficiency. Second semester: M., W., F., at 11:00. Mr. Bowers.

Prerequisite: Psy. 101 or 305.

420. Mental Measurements. Three hours.

Formerly Education 318. Technique and practice in the use of the Stanford-Binet scale, and other tests—both individual and group; the evaluation of results, and the classification of individuals according to intelligence level. First semester: M., W., F., at 11:00. Mr. Bowers.

Prerequisite: Psy. 101 or 305.

460. History of Psychology. Three hours.

A study of the historical bases and antecedents of present-day psychology, together with a brief outline of various schools of psychology. First semester: M., W., F., at 9:00. Mr. Loemker.

Prerequisite: Six hours of psychology.

Courses Open To Graduate Students Only

506. Psychology of Mental Deficiency. Three hours.

A study of classes and levels of mental deficiency; causes, prevention, training, adjustment, and institutional care; clinics at institutions.

508. Psychopathology. Four hours.

A study of mental abnormalities and mental manifestations, such as hysteria, amnesia, phobias, neurasthenia, hypnosis, dreams, multiple personality, and others. Causes and prevention of development of abnormalities will be given special attention. Clinics, and visits to institutions.

Prerequisite: Psy. 308.

520. Clinical Psychology. Three hours.

A practical laboratory study of mental and behavior cases, including personal and family history, discussion of the cases, based upon clinical tests. An intensive study of testing, and

training in diagnosis and clinical reports. One hour lecture period, and four hours of laboratory work per week.

Prerequisite: Psy. 420.

523. Advanced Experimental Psychology. Four hours.

Use of experimental techniques in dealing with psychological problems; survey of experimental literature. Research on minor problems.

Prerequisite: Psy. 323.

590. Seminar. One to three hours.

Research and reports on topics in one or more of the following fields: Experimental, clinical, systematic, abnormal, and others.

591. Seminar. One to three hours.

Continuation of Psychology 590, or other approved topics. Not more than four hours of credit may be earned in seminars.

SOCIOLOGY

Courses Open To Undergraduate Seniors And To Graduate Students

401. Population. Three hours.

The problems of population movements, immigration and assimilation. Studies of population growth and decline, of quality and quantity factors, and of concentration and distribution. First semester; not given 1939-1940. Mr. Hayes.

Prerequisite: Soc. 132 or 232, 300.

403. Techniques and Methods of Social Investigation. Four hours.

A study of the several methods of investigation and research in the fields of social science; sources of data and their evaluation, organization and presentation. A special project will be required of each student. First semester. Mr. Hayward.

Prerequisite: At least eight hours in sociology.

418. Current Social Conflict. Three hours.

The analysis of social conflict as found in war, in economic, religious and professional classes; in family, community and social classes; causes, types and results of social conflict. First semester. Mr. Hayes.

Prerequisite: Soc. 308 and 311 or 320.

421. History of Social Thought. Three hours.

The origin and development of social thought and plans about society from the earliest times to the present; origins of the science of sociology and a brief study of the chief modern systems of sociology. Second semester. Mr. Hayes.

Prerequisite: Soc. 300, and 401 or 418.

425. Social Control. Three hours.

A study of the formal and informal means of social control such as legal processes, institutional control, folkway and custom control, punishments and rewards. Analyses of types of control and of the causes of increasing control. Second semester. Mr. Hayes.

Prerequisite: Soc. 418 or 421.

COURSES OPEN TO GRADUATE STUDENTS ONLY

501. Sociological Theory. Three hours.

A course in systematic sociology in which the student will be expected to become acquainted with the cardinal principles of the chief works of outstanding thinkers in the field.

502. Contemporary Social Change. Three hours.

A study of the dynamic factors of social change and disturbance. The development of social movements; the effect of discovery, invention, disaster and rapid shifts in social interests.

511. Seminar in Social Pathology. Two hours.

Special problems dealing with the unadjusted, dependent and neglected classes. Students electing this course should have had Soc. 311.

520. Seminar in Delinquency and Criminology. Two hours.

A research course dealing with some of the basic factors productive of delinquency and crime and measures for meeting them. Students electing this course should have had Soc. 315 and 320.

570-571. Research. Two hours each semester.

Special problems selected by the students with the approval of the instructor.