

PSYCHOLOGY DEPARTMENT

Head: L. M. Kendall

Course Requirements

Students who plan to study Psychology must obtain credit for courses listed below. For a major at least 30 credits in Psychology must be taken during the last 4 semesters. For honors at least 50 credits in Psychology must be taken during the last 4 semesters.

For general program--major in psychology--

- (a) Psychology 101-3, 102-3, 210-3, 490-5.
- (b) Six additional 200-level courses in Psychology including at least two of: Psychology 220-3, 230-3, 240-3.
- (c) Two 400-level courses including at least one of: Psychology 420-5, 430-5, 440-5.

For honors program in Psychology--

- (a) Psychology 101-3, 102-3, 210-3, 220-3, 230-3, 240-3, 311-5, 312-5, 490-5.
- (b) Four additional 200-level courses in Psychology.
- (c) Four additional 400-level courses including at least two of Psychology 420-5, 430-5, 440-5.
- (d) One additional course in Psychology at the 200- or 400-level.

Students majoring or taking honors in Psychology must take Psychology 101-3 and 102-3 as prerequisites to all subsequent courses, and Psychology 210-3 must be taken concurrently or prior to other 200-level courses. (Students who do not have a strong quantitative background are advised to take Mathematics 101-3 prior to Psychology 210-3.)

Psychology 201-3, 301-3 and 305-3 are offered to meet specific needs of other programs. These courses may be taken without prerequisites but cannot be used toward meeting minimum Psychology course requirements for those majoring or taking honors in Psychology.

The instructor may permit advanced students from other programs to take certain 200-level courses without the normal prerequisites.

A number of courses in other departments may have special relevance to certain areas of Psychology. Such courses include: Genetics, Physiology, Ecology, Mathematical Statistics, Calculus, Matrix Algebra, Probability, Sociology, Anthropology, Linguistics, Social Geography, Philosophy of Science, and others.

Foreign Languages: Most graduate schools require some proficiency in one or two foreign languages. Those who contemplate graduate studies in this field are advised to include foreign language courses in their program.

Suggested Sequence

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Continued

TYPICAL MINIMUM PROGRAM FOR MAJORS IN PSYCHOLOGY

<u>Semester</u>	<u>Courses</u>
1	Psychology 101-3
2	Psychology 102-3; (Mathematics 101-3 if necessary)
3	Two 200-level courses, including Psychology 210-3 if not taken previously.
4-6	Three 200-level courses including at least two of: Psychology 220-3, 230-3, 240-3; one 400-level course.
7	Psychology 490-5; one 200-level course.
8	One 200-level course; one 400-level course.

MINIMUM PROGRAM FOR MAJORS STARTING PSYCHOLOGY
IN SEMESTER 3

<u>Semester</u>	<u>Courses</u>
3	Psychology 101-3, 102-3 ; (Mathematics 101-3 if necessary)
4	Three 200-level courses including Psychology 210-3.
5-8	Same as above

TYPICAL MINIMUM PROGRAM FOR HONORS IN PSYCHOLOGY

<u>Semester</u>	<u>Courses</u>
1	Psychology 101-3; (Mathematics 101-3 if necessary)
2	Psychology 102-3 and possibly 210-3
3	Two 200-level courses, including 210-3 if not taken previously.
4-6	Four 200-level courses including Psychology 220-3, 230-3, 240-3; Psychology 311-5, 312-5; two 400-level courses.
7	One 200-level course; two 400-level courses including Psychology 490-5.
8	One 200-level course; two 400-level courses <u>or</u> two 200-level courses and one 400-level course.

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MINIMUM PROGRAM FOR HONORS STUDENTS STARTING PSYCHOLOGY
IN SEMESTER 3

<u>Semester</u>	<u>Courses</u>
3	Psychology 101-3, 102-3. (Mathematics 101-3 if necessary)
4	Three 200-level courses including Psychology 210-3.
5-8	Same as above, with addition of one 200-level course.

Presentation of Courses
(subject to modification for upper level courses)

	<u>Courses to be offered</u>
Summer Semester 1966	Psychology 101-3, 102-3, 210-3, 220-3 or 230-3 or 280-3.
Fall Semester 1966	Psychology 101-3, 102-3, 201-3, 210-3, 215-3, 220-3, 230-3, 260-3, 270-3, 280-3, 305-3, 311-5, 312-5, 460-5, 470-5. Social Sciences 001.
Spring Semester 1967	Psychology 101-3, 102-3, 210-3, 220-3, 230-3, 240-3, 250-3, 260-3, 270-3, 280-3, 301-3, 311-5, 312-5, 415-5, 420-5, 430-5, 435-5, 460-5, 470-5, 490-5, 495-3, 495-5.

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DESCRIPTION OF COURSES

Caution

101-3 Fields of Psychology

Acquaints the student with important psychological problems presented in the works of psychologists exerting major influences on the development of psychology. Includes material from Freud (motivation), Galton (measurement), Koffka (Gestalt theory of perception), Taylor (efficiency of performance), Titchener (elements of perceptions), Watson (behaviorism and learning), and others.

66-2

(2-1-0)

102-3 Methodology in Psychology

Deals with methods of research and experimentation with illustrations from each of the major areas of psychology. Topics include: formulation of testable questions; control or elimination of extraneous influences; measurement of effects; evaluation of results; choice of variables which most appropriately represent the concepts under study; instrumentation.

66-2

(2-0-2)

Prerequisite: Psychology 101-3.

201-3 Psychological Study of Performance

A contemporary account of factors which influence human performance, focussing particularly on problems related to the integration of men and machines into efficiently functioning systems.

66-3

(2-1-0)

66-3

Open to students majoring in other departments. Not acceptable toward minimum psychology course requirements for those majoring or taking honors in psychology.

210-3 Statistics in Psychology

Covers basic descriptive and inferential techniques and their application to data from psychological research.

66-2

(2-0-2)

Prerequisite: Psychology 101-3. Also Psychology 102-3 which must precede or be taken concurrently. Students without a strong quantitative background should take Mathematics 101-3 as a prerequisite.

215-3 Measurement

Explains the basic requirements of reliability and validity necessary for an adequate test or measure. Methods for evaluating reliability and validity are presented and some methods for improving these features in a given measure are discussed, with special emphasis on theory and principles.

66-3

(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

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220-3 Learning

Conditions, principles, and theories of learning. Consideration of the acquisition of behavior. 66-2
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

230-3 Perception

Conditions, principles, and theories of perception. Consideration of the registration and apprehension of stimuli. 66-2
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

240-3 Motivation

Examination of the effects of motivational variables on learning, performance and perception. Both animal and human data are considered. Contemporary theories of motivation will be examined as well as the physiological basis of motivation. 67-1
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

250-3 Physiological and Comparative Psychology

The physiological bases of behavior and experience. Emphasis on the human organism with some consideration of the behavior and physiological functioning of lower animals. 67-1
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

260-3 Developmental Psychology

Describes the physical and psychological aspects of human development from infancy through pre-adolescence, emphasizing those environmental and biological factors that affect the course of development. 66-3
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

270-3 Social Psychology

Deals with methodology and content in the areas of social stratification, role theory, socialization, language, personality and society, attitudes, group dynamics, and crowd behavior. 66-3
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

280-3 Personality

Examination of concepts used in the study of personality. Emphasis will be on normal rather than abnormal behavior and particular attention will be paid to experimental investigations of personality variables. 66-2
(2-0-2)

Prerequisites: Psychology 101-3, 102-3, 210-3.

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Continued

301-3 Individual Differences

A consideration of the bases for individual differences in learning, performance, personality, and social behavior. Some attention is given to the assessment and interpretation of these differences. 67-1

An applied course open to upper division students majoring in other departments. Not acceptable toward minimum psychology course requirements for those majoring or taking honors in psychology.

(2-1-0)

305-3 Test Construction

Considers purposes of testing. Basic principles of test construction are illustrated and applied with special reference to assessment of academic achievement. Advantages and limitations of different types of questions, methods of item analysis, and item specifications required for effective measurement are discussed. 66-3

An applied course open to upper division students majoring in other departments. Not acceptable toward minimum psychology course requirements for those majoring or taking honors in psychology.

(2-1-0)

66-3

311-5 Design of Experiments

(2-1-2)

Prerequisites: Psychology 210-3. Required of all honors students.

312-5 Design of Research Studies

(2-1-2)

66-3

Prerequisites: Psychology 210-3. Required of all honors students.

415-5 Measurement

(2-1-2)

67-1

Prerequisites: Psychology 215-3, 312-5.

420-5 Learning

(2-1-2)

67-1

Prerequisite: Psychology 220-3.

425-5 Thinking

(2-1-2)

Prerequisite: Psychology 220-3

430-5 Perception

(2-1-2)

67-1

Prerequisite: Psychology 230-3

435-5 Sensation

(2-1-2)

67-1

Prerequisite: Psychology 230-3

440-5 Motivation

(2-1-2)

Prerequisite: Psychology 240-3

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Revised

450-5 Physiological Psychology

(2-1-2)

Prerequisite: Psychology 250-3

455-5 Comparative Psychology

(2-1-2)

Prerequisite: Psychology 250-3

460-5 Developmental Psychology

(2-1-2)

66-3

Prerequisite: Psychology 260-3

470-5 Social Psychology

(2-1-2)

66-3

Prerequisite: Psychology 270-3

480-5 Personality

(2-1-2)

Prerequisite: Psychology 280-3

490-5 Systems of Psychology

(2-3-0)

67-1

495-3

(0-3-0)

or Directed Studies in Psychology

or

67-1

495-5

Permission of instructor required.

(0-5-0)

A graduate program in Psychology leading to the M.A. or Ph.D. degree is described elsewhere.

GENERAL EDUCATION COURSES

Social Sciences

001-0 Social Issues

Relates contemporary knowledge from the social sciences to current social problems. The course provides relevant information from studies pertaining to problems of attitude development, prejudice, race relations, and cultural differences.

(2-0-0)