206 General Physics II (Calculus-based) (4)
Prerequisite: PHY 205 and MAT 260. This is the second of a two-course sequence in calculus-based general physics. Topics covered include electricity, magnetism, optics, relativity, and selected topics in modern physics. Laboratory activities will emphasize the use of computers to gather and analyze data. Lecture-Laboratory (*spring semester)

Psychology (PSY)
PSY 200 is a prerequisite for all courses in psychology. Three courses at the 200 level (including PSY 200 and PSY 211) are required before taking 300- or 400-level courses. There may be additional prerequisites listed under individual course descriptions.

200 General Psychology (4)
An introduction to the basic principles of psychology. (*fall and spring semesters)

201 Psychological Assessment (4)
A study of psychometric theory with emphasis on techniques and topics in reliability and validity of psychological tests. (*every year)

202 Industrial Psychology (4)
Studies the application of psychological principles to business and industry. Includes topics such as personnel selection, training, job satisfaction and work motivation. (*every year)

203 Social Psychology (4)
Studies the psychological processes (i.e., values, attitudes, communication and social adjustment) arising from the interaction of human beings. (*every year)

204 The Great Psychologists (2)
Survey of the history of psychology by examining the ideas of leading thinkers in the 19th and 20th centuries. Detailed attention is given to original writings of psychologists such as Wilhelm Wundt, William James, John Watson, Sigmund Freud and Abraham Maslow. (*every semester)

210 Development I: Child Psychology (4)
For majors and non-majors. Focuses on psychological development in infants, children and adolescents. Emphases are on applied, practical applications of research findings and consideration of the “how-to” as well as the “how” of growth and development. (Service Learning Required) (*every year)

211 Statistics and Experimental Methods I (4) (W)
Prerequisite: MAT 160. An introduction to statistical techniques and experimental methods. Statistical coverage includes frequency distributions, graphic representations, central tendency measures, variability measures, probability, and the t-tests. Methodological coverage includes the nature of science, ethics, research approaches, the experimental approach, hypothesis testing, two-group designs, and control for two-group designs. (*every semester)

220 Fundamentals of Biopsychology and Learning (4)
Introduces the student to fundamental concepts and examples in biological psychology and the study of learning and memory. The first part of the course focuses on topics essential to understanding the biological bases of behavior, including how the brain is organized, the units of brain function, and how neurons communicate sensory information, process perceptions and control behavior. Part two covers unconditioned behaviors (reflexes, fixed-action patterns), simple learning (habituation and sensitization), conditioned behaviors (classical/Pavlovian and instrumental/operant), theories of reinforcement, and memory mechanisms. (*every semester)

227 Applied Cognitive Psychology (4)
Examines how the findings of cognitive psychology can be applied to educational and everyday settings. The core of cognitive psychology is the science of how people acquire, process,
store, and use information. As such, it can assist in the design and creation of educational curriculum, software (educational and otherwise), and other human inventions. (*every year)

**230 Theories of Personality (4)**
Examines the theoretical approaches to the study of human personality, including psychoanalytic, behavioral and phenomenological conceptions. (*every year)

**250 Health Psychology (4)**
Explores the area of psychology that examines psychological aspects of how individuals maintain health, become ill, and respond to illness. (*every year)

**299 Special Summer Studies (2-4)**
Special courses are offered occasionally during the summer sessions. Course descriptions are published annually in a separate bulletin.
Note: Three 200-level psychology courses, including PSY 200 and PSY 211, are required before taking any 300- or 400-level courses. There may be additional prerequisites listed under individual course descriptions.

**303 Abnormal Psychology (4)**
A systematic presentation of concepts related to the etiology, symptoms and treatment of behavior disorders. (*every year)

**305 Applied Psychology: Consumer Psychology (4)**
Focuses on the application of the principles of psychology to consumer behavior. (*every year)

**311 Evolutionary Psychology (4)**
Prerequisite: PSY 220. Examines theory and research in evolutionary psychology. The course is structured around ultimate explanations, descriptions that focus on the survival and reproductive consequences of (sometimes difficult to explain) human behaviors, and how they could have been shaped by natural selection. Comparative examples from pertinent animal literature are provided where appropriate. (*every year)

**312 Statistics and Experimental Methods II (4) (W)**
Extension of elementary statistical and experimental methodological topics begun in PSY 211. Statistical coverage includes correlation, regression, and one-way and two-way analyses of variance. Methodological coverage includes a review of ethics, hypothesis testing, various experimental designs, and control in experimentation. (*every semester)

**316 Psychopharmacology (4)**
Prerequisite: PSY 220. Examines current and possible future drug treatments for psychopathological symptoms. Addictive drugs of abuse and their biological mechanisms are covered, as are controversies involving the possible over-diagnosis and overmedication of disorders that also respond well to behavioral and other therapeutic interventions. Critical interactions between “talk therapy” and the client’s medicated or un-medicated state are addressed. (*every year)

**317 Development II: Adulthood and Aging (4)**
Prerequisite: PSY 210 and 220. The course focuses on the growth, decline, and stability of psychological functioning in adulthood and aging. Some topics to be covered include: physical and cognitive development, perception, memory, language, intelligence, thinking, knowledge, and moral reasoning. (Service Learning Required) (* every year).

**318 Sensation and Perception (4)**
Prerequisite: PSY 220. Explores the sensory and physiological bases of perception and how people process relevant information in their environments. All five senses are covered, with primary emphasis on vision. Focal topics include the perceptual process, neural processing, perceiving objects, color, depth, size, movement, sound, speech, touch, flavor and odor. (*every year)
319 The Science of Interpersonal Interactions (4)
   Prerequisite: PSY 203. Examines current theory and research in the field of interpersonal interaction. Primary approach is social psychological, but other major theories of relationships are examined.

402 Social Psychology and the Law (4)
   Prerequisite: PSY 203. Issues explored include the factors that influence the judgments of police officers, attorneys, judges and jurors. A special emphasis is placed upon basic social psychological processes as they relate to legal processes and issues. Additional topics will include defendant characteristics, jury selection, eyewitness testimony, and jury decision making. (*every year)

404 Human Sexual Behavior: Seminar (4) (W)
   A survey of the physiological, sociological and psychological aspects of human sexuality. Requires independent study project and seminar presentation. Equivalent to WST 404. (*every year)

405 Internship in Clinical Psychology (4)
   Open only to psychology majors. Prerequisites: PSY 200, 201, and 303, senior status and GPA in the PSY major of 3.0. A supervised internship in community agencies. Admission by application to the clinical internship coordinator. Graded on a pass-fail basis. (*spring semester)

406 Internship in Industrial/Organizational Psychology (1-4)
   Open only to psychology majors. Prerequisites: PSY 200, 201, 202 and 211, and GPA in the PSY major of 3.0. A supervised internship in local organizations. Admission by application to the Industrial/Organizational internship coordinator. Graded on a pass-fail basis. (*every semester)

407 Internship in Experimental Psychology (1-4)
   Open only to psychology majors. Prerequisites: PSY 200, 211, 220 and 311, and a GPA in the PSY major of 3.0. A supervised internship with local or collaborative research-suitable institutions. Admission by application to the experimental psychology internship coordinator. Graded on a satisfactory/unsatisfactory basis. (*every semester).

420 Behavioral Neuroscience (4)
   Prerequisite: PSY 220 or permission of the instructor/chair. Recommended: PSY 311 or 316. Surveys current knowledge of the biological bases of behavior and psychological abilities (learning and memory), diseases (Alzheimer’s, Parkinson’s) and disorders (anxiety, depression, PTSD). Incorporates research findings from both animal models and human neuropsychiatric cases. (*every semester)

424 Cognitive Psychology (4)
   Prerequisite: PSY 220. Recommended: PSY 318. The various roles of the mind are examined in this course. Central topics investigated may include neurocognition, pattern recognition, selective and divided attention, sensory memory, working memory, long-term memory, acquisition and retrieval processes, memory errors, models of long-term memory, language, visual knowledge, and conscious versus unconscious thinking. (*every year)

425 Thinking (4)
   Examines the emerging field of cognitive science, a discipline encompassing cognitive psychology, computer science, philosophy, and linguistics, among others. Topics include problem solving, reasoning, expertise, categorization, and analogies. Upon completing this course students will have an appreciation of the current, major research findings in the area. (*every year)
430-449 Selected Topics in Psychology: Seminar (4)
A seminar course involving special topics in psychology. Provides students with the opportunity to explore subject matter in psychology more thoroughly than is possible in a formal class. Requires an independent study project and a seminar presentation. (*occasionally)

450 Independent Study (1-4)
Prerequisite: consent of department chairperson. Involves independent study and honors research on individual problems in psychology. May be repeated for credit if subject matter varies. (*fall and spring semesters)

451 Senior Thesis (4)
Prerequisites: senior standing, grade point average of 3.5 or higher, completion of 24 hours in psychology, and consent of instructor and department chairperson. A substantial research and writing project expected to yield a journal-ready manuscript. (*fall and spring semesters)

499 Senior Capstone (1)
Prerequisite: psychology majors only; the course is taken in the major’s senior year. This course is required and is offered on a P/F basis. Themes of personal reflection and integration of the educational experience are the course goals. Informal and guided discussions are designed to allow the exiting PSY majors a chance to synthesize and organize their four-year experience, and to prepare them for post-graduate success. (*every year)

Religion (REL)

203 The Old Testament (4)
A study of Hebrew history and literature with emphasis on historical, prophetic and wisdom writings.

204 The New Testament (4)
Studies the origin of early Christianity with emphasis on the canonical Gospels and Epistles.

205 World Religions (4) (NW) (IG)
A survey of the religions of the world other than Judaism and Christianity, such as Zoroastrianism, Islam, Hinduism, Jainism, Sikhism, Buddhism, Shinto and Taoism.

210 Judaism (4)
An historical and theological survey of the ideas, practices and philosophy of Judaism. Traces the development of those ideas, starting with the intertestamental period.

212 Christianity (4)
An historical and theological survey of the Christian church, beginning with the post-Apostolic age and continuing through the Protestant Reformation.

217 Indian and Asian Philosophy (4) (NW) (IG)
Investigates and discusses Asian thought, focusing on Hinduism, Buddhism, Taoism and Confucianism. Cross-listed with PHL 237.

220 Problems of Religious Thought (4) (NW) (IG)
A selected topics course with varying subject matter.

Sociology (SOC)

SOC 100 is a prerequisite for all other courses in sociology.

100 Introduction to Sociology (4) (NW) (IG)
An introduction to the structure, function and development of human societies. Emphasizes the nature and meaning of culture, socialization, social institutions, social inequality and social change. (*fall and spring semesters)