

Kean University
Department of Occupational Therapy
M.S. Prerequisite Course Descriptions

Courses offered at Kean are identified below by name and number and satisfy the prerequisite requirements.

With the exception of *Introduction to Occupational Therapy*, prerequisites may be completed at any accredited college in the USA including community colleges.

Notes are written after the course descriptions to provide assistance in determining if a course taken outside of Kean University will satisfy the requirement.

All prerequisite courses must be completed before starting the coursework in the occupational therapy program. We do not waive prerequisite courses.

Each prerequisite course must be completed with a grade of B or better.

PREREQUISITE COURSES AND DESCRIPTIONS:

1. OT 2400: Introduction to Occupational Therapy (3 credits). Introduction to the study of human occupational engagement. The course will help students explore their own occupations (How do you occupy your time?), provide a historical perspective of occupations, and examine influences such as culture, social, economic or disability factors that may impact occupational choices and performance. The profession of Occupational Therapy will be examined – roles and responsibilities in the health care system, principles of rehabilitation, consideration of the ethical and legal aspects of Occupational Therapy, and educational requirements. Observation hours in a rehabilitation clinical practice setting with an occupational therapist is a required part of this course. Prerequisite: PSY 1000

NOTE: This course requirement can only be fulfilled at Kean University.

2. PSY 1000: General Psychology (3 credits). Introduction to the scientific study of behavior: biological bases of development and behavior, learning, motivation, perception, cognition, personality, abnormal behavior, measurement of behavior, and social behavior. Foundation for those interested in the behavioral sciences of human service occupations. Disciplinary/Interdisciplinary Distribution Requirement in Social Sciences.

NOTE: Most “intro to psychology” or “general psychology” courses available at both community colleges and 4 year colleges satisfy this requirement.

3. PSY 3110: Life-Span Developmental Psychology (3 credits). Examination of the psychological development of the individual across the life-span. The influence of biological, sociological, and historical changes on psychological development is discussed. Developmental concepts and theories are reviewed and applied in the study of the various ages. **Prerequisite: PSY 1000**

***This course must be completed within 5 years of application to the OT program.**

NOTE: This course is not available at all colleges. **The course must cover the entire lifespan to satisfy this requirement.** If you are unable to find a lifespan course, a combination of “child psychology” and “adult psychology” will satisfy this requirement.

4. PSY 3200: Psychological Statistics (3 credits). Introduction to both descriptive and inferential statistics, including measures of central tendency, variability, hypothesis testing, probability, correlation, regression, t-tests, analysis of variance and chi square and the use of microcomputer-based statistical software package.

NOTE: This course may have a different name at other universities. The course must cover the material outlined above. Excel is not sufficient to meet the microcomputer-based statistical software package requirement.

5. PSY 3540: Abnormal Psychology (3 credits). The study of psychopathology from bio-psychosocial perspectives, emphasizing understanding, diagnosis, treatment, and prevention.

NOTE: This course may have a different name at other universities. The course must cover the material outlined above.

6a. SOC 1000: Introduction to Sociology (3 credits). The study of social life, society, and the individual within a global and multicultural context.

NOTE: Most “intro to sociology” or “general sociology” courses available at both community colleges and 4 year colleges satisfy this requirement. Sociology courses focusing on a specific population **DO NOT** meet this requirement (such as “Sociology of Family” or “Sociology of Women”).

OR

6b. ANTH 1800: Cultural Anthropology (3 credits). Examination of the structures and functions of culture systems globally and over time, employing theories, methods and concepts of anthropology. Analysis based on cross-cultural and comparative perspectives.

NOTE: Either 6a) Introduction to Sociology or 6b) Cultural Anthropology will satisfy this requirement.

BIOLOGY PREREQUISITE COURSES AND DESCRIPTIONS

If you complete the biology courses at Kean, Bio 1000 AND Bio 2402 OR Bio 3403 AND 3404 satisfy the Biology requirement.

If you complete the biology courses at another institution, you must complete Anatomy and Physiology I and Anatomy and Physiology II, both with a lab component. Anatomy and Physiology I and Anatomy and Physiology II cannot be completed online.

7a. BIO 1000: Principles of Biology: (4 credits). An introduction to the structure and function of living cells and organisms and their interdependencies and adaptations to the environment. This course is not required for Biology major. ***This course must be completed within 5 years of application to the OT program.**

and

7b. BIO 2402: Essentials of Human Physiology and Anatomy (4 credits). Integrated study of human physiology and related anatomy. Skeletal, muscular, nervous, cardiovascular and respiratory systems emphasized to provide basic background for physical therapy and occupational therapy programs. ***This course must be completed within 5 years of application to the OT program. **This course cannot be completed online.**

OR

7c. BIO 3403: Anatomy and Physiology I (4 credits). An integrated understanding of the structures (both gross and microscopic) and the functions of various body systems. Laboratories are synchronized with lecture materials and include exercises using protected models and other specimens. ***This course must be completed within 5 years of application to the OT program. **This course cannot be completed online.**

and

7d. BIO 3404: Anatomy and Physiology II: (4 credits). BIO 3404 is a continuation of BIO 3403 and includes the study of the endocrine system, cardiovascular system, the lymphatic system, the respiratory system, the digestive system, the urinary system and the reproductive system. ***This course must be completed within 5 years of application to the OT program. **This course cannot be completed online.**