

Master of Occupational Therapy Program

Traditional & Weekend Program Prerequisites as of May 2015

(Courses listed are subject to change. Please refer to the UF undergraduate catalog available online for updates to prerequisite requirements and course descriptions)

OCTH 221 Applied Physics for OT (Weekend program only. May substitute PHYS 150/150L)

Prerequisite: Acceptance into the occupational therapy program. This course offers a study of the principles, concepts, and critical thinking methods used in classical mechanics and general physics that have applications in occupational therapy clinical practice. Lab experiences and topics are coordinated with the topics covered in the lectures.

HEPR 220 Medical Terminology (Traditional and Weekend)

This course deals with the basic information of medical terms and definitions. Areas covered include medical suffixes and prefixes, body orientation levels and planes, the skin, joints, muscles, skeleton, nerves, brain, spinal cord, heart, liver, blood vessels, respiratory system, endocrine system, special senses, the female reproductive system, and oncology.

PSYC 100 General Psychology (Traditional and Weekend)

This course offers an orientation to psychology as the scientific study of behavior and mental processes, with special emphasis on principles of learning, memory, adjustment, abnormal behavior, and the physiology of behavior.

PSYC 208 Lifespan Development (Traditional and Weekend)

This course traces the physiological, cognitive, and psychosocial development of the individual from conception through late adulthood. Choices and obstacles relative to normal growth and development are examined.

PSYC 233 Abnormal Psychology (Traditional and Weekend)

This covers the study of pathological behavior, generally with major emphasis on the nature, causes, prevention, and treatment of mental disorders.

ENGL 272 Introduction to Technical Communication (or 202, 282, 302, 305, or 306) (Traditional program only)

This course emphasizes the design of clear and concise written, oral, and electronic communication to meet the needs of particular audiences. Students will create documents associated with fields of professional and personal interest. Some sample assignments may include: proposals, progress reports, completion reports, instructions, descriptions, brochures, articles, and product and service information. Design concepts that integrate both graphics and text will be applied to documents and presentations. The course will also focus on conducting research in technical communication, usability testing, and the application of documentation styles.

MATH 123 Elementary Statistics (Traditional program only. Weekend may substitute BSLA 314)

This is a first course in the study of descriptive and inferential statistics utilizing only rudimentary skills of arithmetic and algebra. Elementary probability, measure of central tendency, measures of variability, confidence intervals, and hypothesis testing.

BSLA 314 Applied Statistics (Weekend program only. May substitute MATH 123)

Prerequisite: BSLA 304 or MATH 123. Students learn the use of quantitative techniques used in data analysis for contemporary decision making. The course covers descriptive statistics, discrete and continuous probability distributions, statistical inferences, correlation, regression, hypothesis testing, and chi-square analysis. Techniques for using the data analysis capabilities of Microsoft Excel are integrated throughout the course.

MATH 132 Applied Mathematical Analysis (Traditional program only)

Prerequisite: MATH 110 or approved score on mathematics placement exam. Provides an introduction to finite mathematics and mathematical analysis. Topics include matrices, linear programming, math of finance, algebraic functions, and logic. A graphing calculator is required.

BIOL 201 Introduction to Anatomy and Physiology (Weekend program only)

Prerequisite: Introductory course in biology or permission of the instructor. Introduction to the structure and working of the human body with emphasis on how structure makes function possible and disruptions in either leads to disease. Special emphasis will be placed on the musculoskeletal, nervous, cardiovascular, and respiratory systems. The health risks associated with current behavioral and societal issues will be discussed, including drug and alcohol use, smoking, HIV, eating disorders, obesity, heart disease, etc.

BIOL 201L Introduction to Anatomy and Physiology Lab (Weekend program only)

Prerequisite: Must take concurrently with BIOL 201. Introduction to the human body by examination of its structure and functioning. Exercises will reinforce the discussions of the corresponding body system being covered in lecture. Methodology used will include dissection, audiovisual material, and computer software.

BIOL 322 Human Anatomy and Physiology I (Traditional program only)

This course offers a study in the anatomical structure of the body as it relates to the functioning of the human body. The course begins at a cellular level and continues up to the entire organism, using the organ systems as the means of study. Various technological tools are used to encourage critical thinking in those topics that have social impact on human health. Genetic influences on the body and its functioning are included. Special emphasis on integumentary system, skeletal and muscular systems.

BIOL 322L Human Anatomy and Physiology I Lab (Traditional program only)

Microscopic slides, models, dissection, various audio visual aids, and written lab exercises will be used to examine anatomical structure and function. Emphasis is placed on the integument, connective tissue, skeletal and muscular systems. Related genetic disorders, disease and societal concerns are discussed.

BIOL 323 Human Anatomy and Physiology II (Traditional program only)

This course provides a study in the physiological functioning of the body as it relates to structure. Special emphasis is placed on cardiovascular, respiratory, urinary, and endocrine systems. Other topics of discussion are societal issues affecting the body, such as smoking, drug usage and diet.

BIOL 323L Human Anatomy and Physiology Lab (Traditional program only)

Microscopic slides, models, dissection, various audio visual aids, and written lab exercises will be used to examine anatomical structure and function. Emphasis is placed on the nervous, endocrine, sensory, cardiovascular and respiratory systems. Related genetic disorders, disease and societal concerns are discussed.

CHEM 111 Basic Chemistry or higher (Traditional program only)

This course covers the basic principles of chemistry designed to give a foundation for the various sciences. Topics include methods of measurement, temperature and heat, atomic structure, bonding, chemical nomenclature, chemical equations, stoichiometry, gas laws, solutions, acids and bases, electrochemistry, and chemical equilibrium.

CHEM 111L Basic Chemistry Lab (Traditional program only)

Laboratory work reinforces the basic principles covered in CHEM 111 lecture and introduces analytical techniques. Laboratory experiments cover density, percent composition of mixtures, applying the mole concept, chemical reactivity, and chemical reactions with balanced equations, gas laws, titrations, and atomic structure.

PHYS 150 Conceptual Physics (Traditional program. Weekend may substitute OCTH221)

Corequisite: PHYS 150L. A conceptual study of basic physics principles with a foundation in mechanics, including Newton's Laws of Motion, momentum, energy, and rotation. Other topics will be selected and may include fluids, heat transfer, electricity, magnetism, and light. Conceptual applications of physics in everyday experience and in students' subject areas will be emphasized.

PHYS 150L Conceptual Physics Lab (Traditional program. Weekend program students may substitute OCTH 221)

Corequisite: PHYS 150. Provides hands-on experience with topics covered in the lectures and trains students in basic lab skills.