COURSE DESCRIPTIONS

HAD

Clinical Laboratory Sciences

HAD 210 Introduction to Clinical Laboratory Sciences
Defines basic clinical laboratory sciences terminology and application. Introduces the specialties within the clinical laboratory sciences profession including microbiology, hematology, chemistry, immunohematology, and immunology and their roles in patient care. Reviews professional organizations and licensures. Examines employment opportunities. Visitations of clinical laboratories included. Open to west campus students.
1 credit

HAD 304 Introduction to Criminalistics
Introduces the student to forensic science. Describes the interesting and diverse disciplines that comprise the field of investigation for evidence in criminal and civil investigations. Open to west campus students.
1 credit

HAL

Athletic Training

HAL 205 Introduction to Athletic Training
Introduction to the health care profession of athletic training. The course explores the history and development of the profession and the concept of the sports medicine team, as well as medical terminology. Students will be required to complete a 50 hour clinical observation. Open to west campus students.
2 credits

HAL 210 Emergency Care of Athletic Injuries
Recognition and management of medical emergencies with emphasis on those conditions that are most commonly suffered by athletes. Successful completion of the course leads to Professional level Cardio-Pulmonary Resuscitation (CPR), Automated External Defibrillator (AED) and First Aid certification by the American Academy of Orthopedic Surgeons Emergency Care and Safety Institute. HAL 205 is recommended prerequisite. Open to west campus students.
3 credits

HAL 300 Kinesiology
The mechanical aspects of human motion and the structure and function of these motions in physically active individuals with or without pathological involvement. The student learns basic qualitative and quantitative clinical techniques used in identifying pathological movement. Open to west campus students.
Corequisite: ANP 200
4 credits

HAO

Occupational Therapy

HAO 313 Introduction to Occupational Therapy
Introduces the history and essential aspects of occupational therapy. Examines philosophical base, definitions related to the practice, scope of practice and role delineations. Provides an orientation to professional organizations, statutes, and credentialing. Open to west campus students.
1 credit

HAS

Allied Health

HAS 190 Introduction to the Health Professions
Presents topics of interest to students considering careers as health professionals. Introduces the student to basic concepts of health, factors influencing health care, health care settings, and selected health professions. May not be taken for credit in addition to LHW 102. Open to west campus students.
1 credit

HAS 290 Medicine and Society
Examines traditional concerns of the humanities and social sciences as they interface with health care and its delivery. Practicing physicians or other health professionals present clinical cases. Emphasizes confidentiality, experimentation, dying and death, and allocation of scarce resources. Focuses on the social, historical, ethical, and humanistic importance of the cases. Permission of instructor required. Open to west campus students.
3 credits

HAS 292 Behavioral Intervention for Children with Autism
Provides framework to develop and implement behaviorally based instruction for children with autism spectrum disorders. Present the variables that control learning in instructional environments. Offers opportunity to develop technical competencies in behavior analytic intervention strategies (defining and measuring behavior, shaping, chaining, and discrete trial instruction) that facilitate acquisition, maintenance and generalization of skills. Involves “hands on” experience for minimum of five hours per week at sites that provide services for children with autism. Corequisite or prerequisite: HAS 192, not to be taken for credit in addition to HAS 502. Transportation to off-campus sites must be provided by the student. Open to west campus students.
4 credits

HBH

Pharmacology

HBH 330 Fundamentals of Pharmacology I
Covers the basic principles that underlie the action of drugs on physiological processes. These principles are applied to the specific action of drugs on the autonomic nervous system. In addition, the pharmacology of cardiovascular drugs are covered in detail. Prerequisite: Admission to Undergraduate Health Sciences Center program
2 credits

HBH 331 Fundamentals of Pharmacology II
A continuation of HBH 330. Covers the action of drugs on individual systems as well as drug-drug interactions emphasizing the mechanisms of drug action. Surveys therapeutic applications and adverse drug reactions. Prerequisite: HBH 330
Prerequisite: Admission to Undergraduate Health Sciences Center program
3 credits

HBH 332 Pharmacology in Cardiorespiratory Sciences
Includes the basic principles of drug actions and covers drug applications in the autonomic, cardiovascular and respiratory systems. For cardiorespiratory sciences students enrolled in the School of Health Technology and Management.
Prerequisite: Admission to Undergraduate Health Sciences Center program
3 credits

HBH 396 Research Project in Pharmacology
An independent research project under faculty supervision, with emphasis on the principles of experimental design, data collection, evaluation of findings, and reporting of results. The student is expected to prepare a report on the project and be able to discuss his or her work. Open to seniors. May be repeated.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
2-4 credits

HBA

Anatomical Sciences

HBA 109-E Life Through Time
An examination of biodiversity as preserved in the fossil record and how it contributes to the understanding of evolution. Species examined include invertebrates, plants, dinosaurs, and mammals and the ultimate origin and evolution of humans. Principles of evolution, paleontology, phylogeny reconstruction, and conservation are discussed. This course is offered as both GEO 109 and HBA 109.
3 credits

HBA 398 Research Project in Anatomical Sciences
An independent research project under faculty supervision, with emphasis on the principles of experimental design, data collection, evaluation of findings, and reporting of results. The student is expected to prepare a report on the project and be able to discuss his or her work. Open to juniors and seniors. May be repeated.
Prerequisites: U3 or U4 standing; laboratory experience; permission of supervising instructor
2-4 credits