



CATALOG

2025-2026

UNDERGRADUATE SEMESTER COURSES



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Undergraduate

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COM School of Biomedical Sciences & Professional Studies (QQ)

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Biochemistry

Courses

BIOC 400S Biochemistry 4.0 Credits

Biochemistry is the essential basis for understanding metabolic and disease processes at the biochemical and molecular levels. Because of its importance as a foundation to medicine, biochemistry is going to be a major focus of the MCAT, beginning with the test in the summer of 2015. The course, which will be taught at Drexel University College of Medicine, by College of Medicine faculty, will cover the topics in general biochemistry, with a particular focus on those topics that are to be included on the new MCAT.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

BIOC T480S Special Topics in Biochemistry 0.0-12.0 Credits

Topics decided upon by faculty will vary within the area of study.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Can be repeated multiple times for credit

Emergency Medicine

Courses

EMMD S124S Advance Emergency Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S234S Combined EM/IM 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S252S Virtual Emergency Med*** 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S314S Emergency Care Ultrasound 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S324S ED Resuscitation 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S334S EM/Critical Care 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

EMMD S344S Environmental & Wilderness Med 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

Family Medicine

Courses

FAMD S224S Reproductive Health 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

FAMD S244S REPRODUCTIVE HEALTH 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

FAMD S274S Family Medicine Subinternship 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

FAMD S444S Environmental & Occup Hlth 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

FAMD S454S Aerospace Medicine 0.0 Credits**College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Human Lactation Consultant

Courses

CHLC 205S Introduction to Human Lactation 2.0 Credits

This course will provide a foundation in breastfeeding and human lactation, including breastfeeding education and promotion during the prenatal period, successful initiation of breastfeeding, prevention of many common pitfalls, and ongoing breastfeeding support. This course covers the fifteen specific areas required by Baby Friendly USA for all nurses working in prenatal and perinatal areas in Baby-Friendly Hospitals.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**CHLC 305S Clinical Issues in Human Lactation I 2.0 Credits**

The focus of this course will be to understand clinical aspects of the lactating parent including in-depth maternal assessment and composition of human milk. Emphasis will be on first recognizing normal anatomy and physiology and then exploring presentations of the difficulties that lactating parent may encounter. The course will examine the effects of maternal characteristics as well as the effects of birth on breastfeeding outcomes. Strategies to improve breastfeeding success will be discussed.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**CHLC 355S Clinical Issues in Human Lactation II 2.0 Credits**

The focus of this course will be to understand clinical aspects of the breastfeeding infant and the use of human milk, including in-depth infant and the changing composition of human milk as the infant's needs change. Emphasis will be on first recognizing normal anatomy and physiology and then exploring presentations of the difficulties that breastfeeding dyads encounter. The course will examine the effects of infant anatomy and characteristics as well as the effects of birth on breastfeeding outcomes. Strategies to improve breastfeeding success will be discussed.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**CHLC 405S Public Policy of Breastfeeding 2.0 Credits**

This course will examine the barriers to optimal breastfeeding using a socio-ecologic framework. Participants will gain a better understanding of the different factors that influence breastfeeding behaviors. Strategies to more effectively protect, promote and support breastfeeding will be discussed.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**CHLC 485S Clinical Internship in Lactation for Pathway 2 1.0-8.0 Credit**

Lactation Supervised Practice is designed to prepare competent, entry-level lactation consultants who will be eligible to sit the International Board Lactation Consultant Examination by completing Pathway 2. The course will provide appropriate experiences to practice the roles of lactation consultant under the supervision of a preceptor.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Can be repeated 7 times for 64 credits

Medical Science Preparatory

Courses

MSPP 400S Advanced Topics in Chemistry I 4.0 Credits

This review course in general and organic chemistry will contain a review of chemical calculations and theory in topics such as stoichiometry, gas laws, thermodynamics, electrochemistry, equilibria, and pH. Atomic theory and bonding will also be reviewed. The semester ends with a discussion of the stereochemistry of organic molecules.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**MSPP 401S Advanced Topics in Chemistry II 4.0 Credits**

This review course in organic chemistry will investigate reaction mechanisms, spectroscopy, qualitative organic chemistry, and laboratory techniques.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**MSPP 402S Advanced Topics in Physics I 4.0 Credits**

This course covers classical physics as applied to the kinematics and dynamics of static and of moving bodies.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**MSPP 403S Advanced Topics in Physics II 4.0 Credits**

This course covers classical physics as applied to: fluids, vibrations, waves, electricity, magnetism and optics.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit**MSPP 404S Concepts in Science and Verbal Reasoning I 6.0 Credits**

This is a didactic course with weekly preparations for the Verbal Reasoning and Writing, Physical Sciences and Biological Sciences of the Medical College Admissions Test. Incorporated into the course are approximately six mock MCAT exams for practice.

College/Department: COM School of Biomedical Sciences Professional Studies**Repeat Status:** Not repeatable for credit

MSPP 405S Concepts in Science and Verbal Reasoning II 6.0 Credits

This is a didactic course with weekly preparations for the Verbal Reasoning and Writing, Physical Sciences and Biological Sciences of the Medical College Admissions Test. Incorporated into the course are approximately six mock MCAT exams for practice.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

MSPP T480S Special Topics in Medical Science Preparatory 0.0-12.0 Credits

Topics decided upon by faculty will vary within the area of study.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Can be repeated multiple times for credit

Medicine

Courses

MEDI S004S Internal Medicine Externship 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S024S Pulmonology 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S034S Consult-Comprehensive 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S042S Disability Medicine * 0.0 Credits**

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S113S Internal Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S114S Internal Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S122S Inpatient Medicine* 0.0 Credits**

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S123S Inpatient Medicine Elective 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S124S Inpatient Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S134S Medicine Inpatient Sub-I 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S194S Cardiac Critical Care 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S263S Advanced Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S264S Advanced Medicine 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S314S Internal Medicine Consultation 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S342S MEDICAL ONCOLOGY - 2 WKS (S/U) 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S344S Medical Oncology 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S364S Liver Transplant 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S402S WildernessMed-Backpacking* 0.0 Credits**

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

MEDI S492S CARDIOLOGY TEACHING LAB-HARVEY 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

Neurology

Courses

NEUL S132S NEUROLOGY ELECTIVE-2WKS 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

NEUL S174S Neurocritical Care 0.0 Credits

College/Department: College of Medicine

Repeat Status: Can be repeated multiple times for credit

NEUL S194S Neurology Consult Service 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

NEUL S214S Advanced Neurology Elective 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

NEUL S264S Neurology Acting Internship 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

NEUL S274S Neurology Subspecialty Clinics 0.0 Credits**College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S284S Inpatient/Outpatient Neurology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S294S Adult Epilepsy 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S314S Epilepsy Monitoring Unit 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S324S Multispecialty Neurology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S334S Advanced Study in Neurology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S342S Vascular Neurology*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S343S Vascular Neurology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S354S Subinternship in Neuro ICU 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S364S Inpatient Neurology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S373S Neuro: Rehabilitation Med 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S382S Movement & Memory Disorders*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**NEUL S422S Epilepsy Diag&Treatment ** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S154S High Risk Obstetrics 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S164S Outpatient Subinternship 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S252S Family Planning*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S254S OBGYN-Family Planning 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Can be repeated multiple times for credit**OBYG S264S Complex Family Planning Sub-I 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S274S Labor and Delivery Sub-I 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S284S Outpatient OB/GYN 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S314S OB/GYN Acting Internship 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S322S Pediatric Adolescent Gyn*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S324S Pediatric Adolescent Gynecologist 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S384S Gynecology Elective 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S464S Multi-Specialty GYN SURG 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S492S Min.Invasive GYN Surgery*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OBYG S494S Minimally Invasive GYN Surgery 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Obstetrics & Gynecology

Courses

OBYG S124S Inpatient Gynecology 0.0 Credits**College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Office of Medical Education

Courses

OMED S112S Strategic& Financial Mgmt 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OMED S144S Elective in Bioethics 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OMED S152S Neurodiversity Lect. Series* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OMED S164S Practice Mgmt & Medical Leader 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

Orthopedics

Courses

ORTH S114S Advanced Clerkship in Orthoped 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S134S Adult Orthopaedics 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S144S Musculoskeletal Trauma 0.0 Credits
College/Department: College of Medicine
Repeat Status: Can be repeated multiple times for credit

ORTH S192S Orthopaedic Trauma* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S212S Hand Surgery* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Can be repeated 10 times for NaN credits

ORTH S214S Hand Surgery 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S242S Orthopaedics: Spine Surgery* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S244S Orthopaedics: Spine Surgery 0.0 Credits
College/Department: College of Medicine
Repeat Status: Can be repeated 10 times for NaN credits

ORTH S264S Acting Intern.Orthopaedic Surg 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S294S Trauma and Fracture Service 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S324S General Orthopaedics 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S362S Musculoskeletal Oncology* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S394S Combined Orthopaedics 0.0 Credits
College/Department: College of Medicine
Repeat Status: Can be repeated multiple times for credit

ORTH S424S Orthopaedics & Rehab Sub I 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S444S Orthopedics Acting Internship 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S464S Ortho Surgery&Rehabilitation 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

ORTH S482S Shock Trauma* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

Otolaryngology

Courses

OTOL S114S Adult&Pediatric Otolaryngology 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S124S Otorhinolaryngology 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S152S Advanced Otolaryngology* 0.0 Credits**
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S154S Advanced Otolaryngology 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S164S Combined Otolaryngology 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S174S Head and Neck Surgery 0.0 Credits
College/Department: College of Medicine
Repeat Status: Not repeatable for credit

OTOL S184S Med/Surgical Otolaryngology 0.0 Credits**College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OTOL S194S Comp. OTOL-Head&Neck Surgery 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OTOL S214S Otorhinolaryngology Prim. Care 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**OTOL S234S Sub-I in OTOL Head&Neck Surg 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Pathology

Courses

PATH S152S Forensic Pathology-2wks* 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S154S Forensic Pathology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S174S Surgical and Perinatal Pathology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S184S PEDIATRIC PATHOLOGY 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S194S Autopsy Pathology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S214S Ocular Pathology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S224S Hematopathology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S234S Death Investig&Rural Coroners 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S254S Gastrointestinal&Hepatobiliary 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PATH S264S Anat/Clin Pathology-virtual 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Pediatrics

Courses

PEDS S124S Newborn Medicine 0.0 Credits**College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S204S Pediatric Rehabilitation 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S224S Outpatient Pediatrics 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S232S Inpatient Pediatrics*** 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S234S Inpatient Pediatrics 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S334S Pediatric Cardiac ICU 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S372S Combined Med-Peds -2wks 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S373S Combined Med-Peds 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S384S Pediatric Oncology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S444S Pediatric Acting Internship 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S484S Adolesc./Peds Gastroenterology 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit**PEDS S492S PEDIATRIC NEUROSURGERY 0.0 Credits****College/Department:** College of Medicine**Repeat Status:** Not repeatable for credit

Pre-Medical

Courses

PMED 111S General Chemistry I 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 112S General Chemistry I Lab 1.0 Credit

The aim is to provide an introduction to the principles of general chemistry that will give the student a command of its concepts and language. The semester course will cover within the time limitations topics organized around the four major themes: • Foundations of general chemistry including the physical state, atomic structure/theory • Fundamentals of molecular structure and bonding • Types of reactions • Thermodynamics.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

Corequisite: PMED 111S

PMED 121S General Physics I 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 122S General Physics I Lab 1.0 Credit

This course is the first recitation lab portion of a four-course algebra-based sequence providing a comprehensive introduction to physics. This course provides students with laboratories and discussions consisting of hands-on experiences using technical equipment on campus, everyday household items at home, and computer simulations at home. Topics include kinematics, mechanics, waves, sound, and fluids.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Corequisite: PMED 121S

PMED 131S General Chemistry II 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

PMED 132S General Chemistry II Lab 1.0 Credit

The aim is to provide an introduction to the principles of general chemistry that will give the student a command of its concepts and language. The semester course will cover within the time limitations topics organized around the four major themes: Foundations of general chemistry including the solutions, solids and intermolecular bonding; Fundamentals of reaction equilibrium, acid-base chemistry and chemical kinetics; Familiarize students with entropy and electron transfer reactions; Foundations of nuclear medicinal chemistry, polymer and inorganic chemistry in society.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

Prerequisites: PMED 111S [Min Grade: C]

Corequisite: PMED 131S

PMED 141S General Physics II 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

PMED 142S General Physics II Lab 1.0 Credit

PMED 142S is the second recitation lab part of a four-course algebra-based sequence providing a comprehensive introduction to physics for pre-medical students. This course provides students with laboratories consisting of hands-on experiences using technical equipment on campus, everyday household items at home, and computer simulations at home. Topics include electricity, magnetism, light, optics, heat, thermodynamics, and radioactivity.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Prerequisites: PMED 121S [Min Grade: C] and PMED 122S [Min Grade: C]

Corequisite: PMED 141S

PMED 151S College Algebra & Trigonometry 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 211S General Biology I 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 212S General Biology I Lab 1.0 Credit

Students will be able to formulate hypotheses, become familiar with the scientific method, retain information about the basic principles of biology. At the end of this course, you should be able to present your findings in a clear, written format and have a strong knowledge of biological concepts and how to apply them in a lab setting.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

Corequisite: PMED 211S

PMED 221S Organic Chemistry I 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 222S Organic Chemistry I Lab 1.0 Credit

The aim is to provide an introduction to the principles of organic chemistry that will give the student a command of its concepts and language. The semester course will cover within the time limitations topics organized around the four major themes: Foundations of organic chemistry including solubility, solids and intermolecular bonding; Fundamentals of acid-base chemistry, extraction, purification and analysis; Familiarize students with monitoring reactions using thin layer chromatography; Emphasize Techniques in determining product purity and identification, using instruments such as FTIR, UV/Vis, GC, melting point apparatus. The course allows for the familiarization of naming of compounds and allows an understanding of the behavior of various functional groups as discussed in lecture.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Prerequisites: PMED 131S [Min Grade: C]

Corequisite: PMED 221S

PMED 231S General Biology II 3.0 Credits

This course is the second semester of the PMED general biology series. This course delves into the concepts of genetics, inheritance, evolution, and biodiversity. Specifically, we will learn about the molecular basis of inheritance, how genes encode proteins, the principles of genetics, and some of the techniques used to study molecular biology. We will then study the principles of evolution and biodiversity. Additionally, plants, photosynthesis and vertebrate evolution will also be explored.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 232S General Biology II Lab 1.0 Credit

This is the second semester of PMED General Biology. This recitation lab will include discussions about immunology, molecular biology, evolution, and population speciation. The experiments that will be conducted will support the concepts that are introduced in the lecture portion of the course.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Prerequisites: PMED 211S [Min Grade: C]

Corequisite: PMED 231S

PMED 240S Conceptual Reviews in General and Organic Chemistry 3.0 Credits

The intention of the course shall be to serve as a course concentrating on select topics in general chemistry and organic chemistry as required for the current MCAT requirements. The instruction shall be covered by the instructor along with input by a TA(s) to bridge the gap between biology, physics and chemistry. In this way, the students leave with a more holistic view of the concepts to be discussed with breadth and depth, and how these different disciplines come together to explain observations. Where possible case studies shall be used to apply the concepts taught to put them into application.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Prerequisites: PMED 111S [Min Grade: C] and PMED 112S [Min Grade: C] and PMED 131S [Min Grade: C] and PMED 132S [Min Grade: C] and PMED 221S [Min Grade: C] and PMED 222S [Min Grade: C] and PMED 241S [Min Grade: C] and PMED 242S [Min Grade: C]

PMED 241S Organic Chemistry II 3.0 Credits

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Restrictions: Can enroll if major is PMED.

PMED 242S Organic Chemistry II Lab 1.0 Credit

The aim is to provide an introduction to the principles of organic chemistry that will give the student a command of its concepts and language. The semester course will cover within the time limitations topics organized around the four major themes: Foundations of organic synthesis and spectroscopic tools; Functional group characteristics and reactivity; Conjugated pi Systems and aromaticity; Introduction to organometallic chemistry.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

Prerequisites: PMED 221S [Min Grade: C]

Corequisite: PMED 241S

PMED 250S Molecular Biology & Biochemistry 3.0 Credits

This course will provide an introduction to the principles of biochemistry that will give the student a command of its concepts and language. Major themes will include foundations of biochemistry, structure and catalysis, bioenergetics and metabolism, and information pathways.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Not repeatable for credit

PMED T180S Special Topics in Pre-Medical 0.0-12.0 Credits

Topics decided upon by faculty will vary within the area of study.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Can be repeated multiple times for credit

PMED T280S Special Topics in Pre-Medical 0.0-12.0 Credits

Topics decided upon by faculty will vary within the area of study.

College/Department: COM School of Biomedical Sciences Professional Studies

Repeat Status: Can be repeated multiple times for credit

Psychiatry

Courses

PSYC S113S Emergency Psychiatry 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S114S Emergency Psychiatry 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S204S Addiction Psychiatry 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S242S Geropsychiatry - 2wks 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S243S Geriatric Psychiatry 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S244S Geriatric Psychiatry 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S424S Psychiatry:Inpatient Community 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

PSYC S434S Triple Board Acting Internship 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

Surgery

Courses

SURG S114S Surgical Endocrinology/Oncology 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S144S Transplant Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S204S Acute Care Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S214S Subinternship in Acute Care Su 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S284S Shock Trauma Surgery Subintern 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S294S Advanced Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S314S Surg. Critical Care Sub-I 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S352S Breast Surgery & Oncology-2wks 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S363S Liver Transplantation 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S374S Adult & Peds Plastic Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S384S Pediatric Surgical Oncology 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S444S Vascular& Endovascular Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S454S Endocrine/Oncology Surgery 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

SURG S464S Plastic&Recon Surg AI 0.0 Credits

College/Department: College of Medicine

Repeat Status: Not repeatable for credit

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