

Post-Baccalaureate Premedical Program

Purpose

This program is designed for those students who already possess a B.A. or B.S. degree, but lack specific course work required for admission into medical schools (and dental schools). The typical courses involved are life science courses in the areas of Biology, Chemistry, Physics and Mathematics. Our Lady of the Lake College offers the following pre-med courses, required for matriculation into medical (dental) schools, as part of its Human Medicine B.S. Degree program. Students holding B.A. or B.S. in non-life science fields are encouraged to apply.

Course Offerings

Course Offerings for the Post-Baccalaureate Premedical Program			
Course	Number	Title	Credit Hours
BIOL	111	General Biology I	3
BIOL	112	General Biology II	3
BIOL	113	General Biology I Lab	1
BIOL	114	General Biology II Lab	1
CHEM	101	Inorganic Chemistry I	3
CHEM	102	Inorganic Chemistry II	3
CHEM	103	Inorganic Chemistry I Lab	1
CHEM	104	Inorganic Chemistry II Lab	1
CHEM	201	Organic Chemistry I	3
CHEM	202	Organic Chemistry II	3
CHEM	203	Organic Chemistry I Lab	1
CHEM	204	Organic Chemistry II Lab	1
CHEM	355	Biochemistry	3
PHYS	121	General Physics I	3
PHYS	122	General Physic II	3
PHYS	123	General Physics I Lab	1
PHYS	124	General Physics II Lab	1
MATH	250	Calculus	3

In addition, other 200, 300 and 400 level biology courses, related to human biology and medicine, are also offered as part of the Human Medicine B.S. program. Such courses are designed to expand and enhance preparation of students for medical school. These courses include the following:

<i>Course</i>	<i>Title</i>	<i>Credit Hours</i>
BIOL 111*	General Biology I	3
BIOL 112*	General Biology II	3
BIOL 113*	General Biology I, Laboratory	1
BIOL 114*	General Biology II, Laboratory	1
BIOL 210	BIOL 210 (Human A & P I)	3
BIOL 211	BIOL 211 (Human A & P II)	3
BIOL 212	BIOL 210, Laboratory	1
BIOL 213	BIOL 211, Laboratory	1
BIOL 218	Comparative Anatomy	3
BIOL 280	Microbiology	3
BIOL 281	Microbiology Lab	1
BIOL 301	History of Biology and Medicine	3
BIOL 310	Immunology	3
BIOL 312	General Genetics	3
BIOL 315	Introduction to Kinesiology	3
BIOL 320	Medical/Surgical Observation 3 - 6	
BIOL 330	Histology	3
BIOL 331	Microscopic Anatomy	3
CHEM/BIOL 335	Biochemistry	3
CHEM/BIOL 355	Advanced Nutrition	3
BIOL 346	Cellular, Molecular and Developmental Biology	3
BIOL 349	General Parasitology	3

BIOL 356	Structure and Function of Bone 3	
BIOL 357	Structure and Function of Muscle	3
BIOL 358	Structure and Function of Nerve	3
BIOL 360	Embryology and Developmental Biology	3
BIOL 361	Embryology and Developmental Biology, Laboratory 1	
BIOL 370	Human Gross Anatomy	3
BIOL 380	Pathogenic Microbes (No Laboratory)	3
BIOL 401	Pathophysiology	3
BIOL 450	Endocrinology	3
BIOL 452	Molecular Biology and Molecular Medicine 3	
BIOL 455	Oncology and Tumor Cell Biology	3
BIOL 460	Cardiovascular Anatomy and Physiology	3
BIOL 465	Neuroanatomy and Neurophysiology	3
BIOL 470	The structure and Function of the Urinary System	3
BIOL 472	The Structure and Function of the Respiratory System 3	
BIOL 480	Pathogenic Microbes with Laboratory	4
BIOL 482	Virology	3
BIOL 486	General Pharmacology	3
BIOL 496	Human Med/Biol Seminar	3
BIOL 499/CHEM 499	Research 3 - 6	