BS IN ENGINEERING with Pre-Med ADVISING CURRICULUM

- Math & Science Courses
- LUC Core
- Engineering Design
- Engineering Systems
- Engineering Core
- Pre-Med Courses
- Specialty Engineering Courses

FRESHMAN YEAR

FALL - 16 credit hours	SPRING - 18 credit hours	SUMMER SESSION I	SUMMER SESSION II
ENGR 101 Introduction to Engineering Design (4)	COMP 170 Object-Oriented Programming		BIOL 102 General Biology II
MATH 161 Calculus I (4)	MATH 162 Calculus II (4)		BIOL 112 General Biology Lab II (1)
BIOL 101 General Biology I	PHYS 112K College Physics II		
BIOL 111 General Biology Lab I (1)	PHYS 126L General Physics Laboratory II (1)		
PHYS 111K College Physics I	UCWR 110 Writing Responsibility		
UNIV 101 First Year Seminar (1)	LUC Core		
	ENGR 102 Freshman Seminar (1)		

SOPHOMORE YEAR

FALL - 14 credit hours	SPRING - 14 credit hours	SUMMER SESSION I	SUMMER SESSION II
ENGR 201 Experiential Engineering	ENGR 311 Engineering Systems I		CHEM 102 General Chemistry B
MATH 263 Multivariate Calculus	ENGR 321 Electronic Circuits & Devices (2)		CHEM 112 General Chemistry Lab B (1)
CHEM 101 General Chemistry A	MATH 266 Differential Equations & Linear Algebra		
CHEM 111 General Chemisrty Lab A (1)	LUC Core		
LUC Core	LUC Core		

JUNIOR YEAR

FALL - 15 credit hours

- ENGR 312 Engineering Systems II
- ENGR 322 Chemical & Thermal Processes
- ENGR 323 Digital Electronics/Computer Engineering (2)
- ENGR 324 Mechanics
- ENGR 324L Core Engineering Lab (1)
- LUC Core

SPRING - 16 credit hours

- ENGR 313 Engineering Systems III
- ENGR 325 Materials Engineering
- ENGR 3xx Specialty Engineering I
- ENGR 3xxL Specialty Engineering I Lab (1)
- STAT 203 Statistics
- LUC Core

SUMMER SESSION I

- CHEM 223 Organic Chemistry A
- CHEM 225 Organic Chemistry Lab A (1)

SUMMER SESSION II

- CHEM 224 Organic Chemistry B
- CHEM 226 Organic Chemistry Lab B (1)

SENIOR YEAR

FALL - 16 credit hours

- ENGR 38x Specialty Capstone Design I (4)
- ENGR 3xx Specialty Engineering II
- LUC Core
- LUC Core
- LUC Core

SPRING - 12 credit hours

- ENGR 39x Specialty Capstone Design II
- ENGR 3xx Specialty Engineering III
- LUC Core
- LUC Core

PART-TIME POST-BAC YEAR

FALL

- BIOL 251 Cell Biology (Very Highly Recommended for MCAT)
- BIOL 282 Genetics (Very Highly Recommended for MCAT)

SPRING

- CHEM 361 Survey in Biochemistry OR BIOL 366 Cell Physiol & Bioch