














BS IN ENGINEERING

with Pre-Med ADVISING CURRICULUM








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

FRESHMAN YEAR

FALL - 16 credit hours

-  ENGR 101 Introduction to Engineering Design (4)
-  MATH 161 Calculus I (4)
-  BIOL 101 General Biology I
-  BIOL 111 General Biology Lab I (1)
-  PHYS 111K College Physics I
-  UNIV 101 First Year Seminar (1)



SPRING - 18 credit hours

-  COMP 170 Object-Oriented Programming
-  MATH 162 Calculus II (4)
-  PHYS 112K College Physics II
-  PHYS 126L General Physics Laboratory II (1)
-  UCWR 110 Writing Responsibility
-  LUC Core
-  ENGR 102 Freshman Seminar (1)

SUMMER SESSION I







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SUMMER SESSION II







-  BIOL 102 General Biology II
-  BIOL 112 General Biology Lab II (1)

SOPHOMORE YEAR

FALL - 14 credit hours

-  ENGR 201 Experiential Engineering
-  MATH 263 Multivariate Calculus
-  CHEM 101 General Chemistry A
-  CHEM 111 General Chemistry Lab A (1)
-  LUC Core
-  Foreign Language 101



SPRING - 14 credit hours

-  ENGR 311 Engineering Systems I
-  ENGR 321 Electronic Circuits & Devices (2)
-  MATH 266 Differential Equations & Linear Algebra
-  LUC Core
-  LUC Core
-  Foreign Language 102

SUMMER SESSION I

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SUMMER SESSION II

-  CHEM 102 General Chemistry B
-  CHEM 112 General Chemistry Lab B (1)

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