

Biomedical Concentration Guideline

FIRST YEAR

<u>FALL</u>		<u>SPRING</u>	
ENGR 102 Intro to Engineering	2	ENGR 236 Circuits I	4
CHEM 105 General Chemistry I	4	MATH 112 Calculus II	4
MATH 111 Calculus I	4	PHYS 211 General Physics I	4
IDFY 101 First Year Seminar	3	IDCR 151 Created & Called for Community	3
General Education	3	General Education	3
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	16		18

SECOND YEAR

<u>FALL</u>		<u>SPRING</u>	
ENGR 231 Engineering Statics	3	ENGR 101 Engineering Graphics	2
MATH 211 Calculus III	4	ENGR 201 Group Orientation	1
MATH 261 or BIOL 160	3-4	ENGR 254 Materials Engineering	4
PHYS 212 General Physics II	4	ENGR 333 Mechanics of Materials	3
General Education	3	MATH 261 or BIOL 161	3
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	17-18		<hr style="width: 50%; margin: 0 auto;"/>
			16

THIRD YEAR

<u>FALL</u>		<u>SPRING</u>	
ENGR 232 Engineering Dynamics	3	ENGR 290 Engineering Economics	2
ENGR 242 Experimental Methods	3	ENGR 302 Seminar II	1
ENGR 288 Project I	1	ENGR 372 Fluid Mechanics	4
ENGR 301 Seminar I	1	ENGR 388 Project II	1
ENGR 371 Thermodynamics	3	MATH 308 Differential Equations	3
BIOL 385 Physiology	4	General Education	6
PHED 101 Introduction to Wellness	2		<hr style="width: 50%; margin: 0 auto;"/>
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	17		

FOURTH YEAR

<u>FALL</u>		<u>SPRING</u>	
ENGR 375 Bio-Instrumen. & Measurement	3	ENGR 366 Control Systems	4
ENGR 488 Project III	2	ENGR 410 BME Design	3
Physical Fitness	1	ENGR 489 Project IV	2
General Education	9	General Education	6
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Total Credits: 131