

CONCENTRATIONS OR INDIVIDUALIZED COURSE OF STUDY (Select one)

Bioengineering Concentration

CSC 341 Numerical Engineering Analysis	4
ENGR 450 Special Topics in Bioengineering	4
IME 144 Introduction to Design and Manufacturing.....	4
MATH 344 Linear Analysis II	4
ME 326 Intermediate Dynamics.....	4
Select 12 units from the following:	12
BIO 431, 432, 442; CHEM 305, 371; CSC 471; EE 336, 419; ENVE 304, 331, 421, 443; MATE 330; ME 328, 329, 401, 428, 445; STAT 312, 321, 350	
Advisor approved electives	14
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Biomedical Engineering Concentration

CHEM 312 Survey of Organic Chemistry (<i>transfer equivalent CHEM 212</i>).....	4
CHEM 313 Survey of Biochemistry & Biotechnology	5
ENGR 450 Special Topics in Bioengineering	4
IME 144 Introduction to Design and Manufacturing.....	4
MATE 425 Corrosion Engineering	4
Select 12 units from the following:	12
BIO 431, 432; BOT 426; CHEM 305, 306, 371, 473, 475; CSC 473, 474; ENVE 304, 331; MATE 446; MATH 344; IME 319, 437; ME 326, 401, 422, 423, 445; PHYS 315, 323; STAT 312, 321, 350	
Advisor approved electives	13
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Individualized Course of Study	<hr/> 46
Technical electives. A minimum of 35 units must be at 300-400 level	