

CEMS 050 - CEMS First Year Seminar ¹	1	BME 010 ¹ - BME Design 0	2
CHEM 031 - General Chemistry I	4	BHSC 034 - Human Cell Biology	4
ENGR 002 - Graphical Communication	2	MATH 022 - Calculus II	4
FWIL (ENGS 001/TAP/HCOL 085) ²	3	MATH 120 - Eng Math Linear Algebra Lab	1
CS 021 - Computer Programming I (QR)	3	PHYS 030 - Prob Solv Session I [Opt]	[1]
MATH 021 - Calculus I	4	PHYS 031 - Physics for Engineers I	4

ANPS 019 - Human Anatomy & Physiology	4	ANPS 020 - Human Anatomy & Physiology	4
BME 011 - Core 1: Biomechanics & Sensing	6	BME 012 - Core 2: Materials & Transport	6
BME 013 - BME Design 1	1	BME 014 - BME Design 2	1
MATH 121 - Calculus III	4	Diversity 1 ³	3
STAT 143 - Statistics for Engineering	3	MATH 271 - Adv Engineering Mathematics	3

BME 111 - Core 3: Systems & Signals	6	General Education Elective ³ (Social Science)	3
BME 112 - BME Design 3	2	BME Engineering Elective ⁵	3
BME Engineering Elective ⁵	3	BME Specialization Elective ⁶	3
Diversity 1 or 2 ³	3	BME Specialization Elective ⁶	3
General Education Elective ³ (SU)	3	Free Elective	3

General Education Elective ³ (Humanities)	3	BME Specialization Elective ⁶	3
BME Specialization Elective ⁶	3	Free Elective	3
BME 185 - BME Capstone Design I	3	BME 186 - BME Capstone Design II	3
BME Engineering Elective ⁵	3	BME Engineering Elective ⁵	3
Math/Sci Elective ⁴	3	Math/Sci Elective ⁴	3

Minimum Total Credits Required for Degree: 129

1. BME 010 & CEMS 050 are degree requirements designed for first-year students. Internal and external transfer students may substitute 100-level or higher engineering (BME, CE, EE, EMGT, ENGR, ME) credits for these requirements.
2. Foundational Writing and Information Literacy (FWIL) is a University requirement. Students must take either ENGS 001 or HCOL 085 (only for students enrolled in the Honors College). Students transferring from the College of Arts and Sciences can use a TAP class to fulfill this requirement.
3. BME General Education: At least 3 credits must be from the Humanities and at least 3 credits must be from the Social Sciences. Students who don't meet the University sustainability requirement (SU) by taking an engineering or technical course approved for SU should meet this requirement with an SU-approved Gen Ed Elective.
4. Math/Science Elec:

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