Chemical Engineering (CH E) Degree – B 163, Pre-medical/Biomedical Engineering Option (135 hours)
School of Chemical, Biological & Materials Engineering – 2014/2015

Freshman 1st Semester: MATH 1914 Differential & Integral Calculus I (Core I)
Freshman 2nd Semester: MATH 2924 Differential & Integral Calculus II
Sophomore 1st Semester: MATH 2934 Differential & Integral Calculus III
Sophomore 2nd Semester: MATH 3113, Intro. to Ordinary & Differential Equations
Junior 1st Semester: CHEM 3123, Momentum, Heat & Mass Transfer II
Junior 2nd Semester: BIOL 1114, Introductory Zoology
Senior 1st Semester: CHEM 3421, Physical Chemistry Lab
Senior 2nd Semester: CHEM 3423, Physical Chemistry I

Notes: Arrows indicate prerequisite. A “C” under the arrow indicates it is a corequisite.
Technical Electives: Pre-Medical – One of the electives must be chosen from ZOO 3113, 3333, or 4843; the other elective must be from bioengineering/biosciences courses with prior faculty approval. Biomedical –Technical electives must include CH E 5203 (offered alternate fall only) and an approved bioengineering elective.

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