

Basic Science

Course	Crs	Sem
030.101 Intro Chem I (3)		
030.102 Intro Chem II (3)		
030.105 Intro Chem Lab I (1)		
030.106 Intro Chem Lab II (1)		
171.101 General Physics I (4)		
171.102 General Physics II (4)		
173.111 General Physics Lab I (1)		
Total	0	/17

Mathematics

Course	Crs	Sem	Grade
110.108 Calculus I (4)			>C-?
110.109 Calculus II (4)			>C-?
110.202 Calculus III (4)			
110.302 Diff Eqs With Applic. (4)			
Total	0	/16	(min)

Advanced Chemistry/Biology

Course	Crs	Sem
030.205 Organic Chem I (4)		
020.305 Biochemistry (4)		
020.306 ¹ Cell Biology (4)		
540.307 ¹ Cell Biology for Engineers (3)		
020.315 ² Biochemistry Project Lab (1)		
250.253 ² Protein Eng Biochem Lab (3)		
Adv. Chem Bio Elective (2 to 4)		
Total	0	/16 (min)

Humanities and Social Sciences (6 3-cr courses minimum) Designator

Course	Crs	Sem	(H,S,etc.)
661.315 Culture of Eng. Profession (3)			SW
Total	0	/18	(min)

Advanced H/S Course:

Date: _____

Student Signature: _____

Student's Name (printed): _____

Date: _____

Advisor Signature: _____

Advisor's Name (printed): _____

Chemical Engineering Core

Course	Crs	Sem	Grade	GPA calc
540.101 Chemical Engineering Today (1)				
540.202 Chem & Biol Process Anal. (4)				#N/A
540.203 Engineering Thermo (3)				#N/A
540.301 Kinetic Processes (4)				#N/A
540.303 Transport I (3)				#N/A
540.304 Transport II (4)				#N/A
540.305 Modeling and Stat Analysis of Data (3)				#N/A
540.306 Mass Transfer/Separations (4)				#N/A
540.309 ⁴ ChemBE Product Design Part 1 (3)				#N/A
540.313 Projects in ChemBE Unit Ops (4)				#N/A
540.314 ⁴ ChemBE Product Design (3)				#N/A
540.315 Process Design with Aspen (2)				#N/A
540.409 Modeling, Dynamics & Control (4)				#N/A
540.490 Intro to Chemical Process Safety (1)				#N/A
Total	0	/40		
ChemBE core course GPA				#N/A

Engineering Elective Courses

Course	Crs	Sem
540.310 ⁴ ChemBE Product Design Part 2 (3)		
Total	0	/8
Total Engineering Credits =	0	/48 (min)

Undesignated Electives

Course	Crs	Sem
Total	0	/12 (can be <12)
Total Credits	0	/128 (min)

Writing Intensive Course:

At the conclusion of every advising meeting, return the form (signed and dated) to the mailbox of the UG Academic Coordinator in Maryland 224A.

Notes:

- Students must complete only one of those courses
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- Students must complete either the one semester course (314) or the yearlong option (309-310)