

GENERAL ENGINEERING A.S.: 410

Total Credits: 63
Catalog Edition 16-17

Name: Date: ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation	EN 102/ ENGL 102	3	
Math Foundation	MA 181/ MATH 181	4	

GENERAL EDUCATION: DISTRIBUTION COURSES	Course	Hours	Grade
Arts Distribution (ARTD)			
Humanities Distribution (HUMD)			
Behavioral & Social Sciences Distribution (BSSD) **		3	
Behavioral & Social Sciences Distribution (BSSD) **		3	
Natural Sciences Distribution without Lab (NSND)	PH 161/ PHYS 161	3	
Natural Sciences Distribution with Lab (NSLD)	PH 262/ PHYS 262	4	
General Education Elective (GEEL)	ES 100/ ENES 100	3	

PROGRAM REQUIREMENTS	Course	Hours	Grade
(only if needed for MA 181/MATH 181)	MA 180/ MATH 165	(4)	
EN 101/ENGL 101 (if needed for ENGL 102/103 or general elective if not)			
	CH 101/ CHEM 131	4	
	PH 263/ PHYS 263	4	
	MA 182/ MATH 182	4	
	MA 280/ MA 280	4	
	MA 282/ MATH 282	3	
EE/ ENEE or ES/ ENES ELECTIVE			
EE/ ENEE or ES/ ENES ELECTIVE			
EE/ ENEE or ES/ ENES ELECTIVE			
EE/ ENEE or ES/ ENES ELECTIVE			

Has student completed the
Global Perspectives requirement? ☐ Yes ☐ No

Overall GPA of 2.0 is required to graduate

Global Perspectives Course:

Total Credits:

** The two behavioral and social sciences courses MUST be in different disciplines

Last Modified: July 2016

Advising Worksheet Contact: [Anthony Solano](#)

ADVISING NOTES ON PAGE 2

See an advisor to submit an Application for Graduation the semester BEFORE you intend to graduate.

This UNOFFICIAL document is for planning purposes ONLY and completion does not guarantee graduation.

ADVISING NOTES FOR GENERAL ENGINEERING

- Most engineering students will start at MC missing one or more pre-requisites for CHEM 131, CHEM 132, CHEM 135, ENGL 102, ENES 100, and MATH 181.
- The appropriate initial chemistry courses will be determined by the student's score on the Chemistry Placement exam, mathematics level, AP/IB credits, or transfer credits. Possible courses include CHEM 099, CHEM 131, CHEM 132, or CHEM 135. Either CHEM 132 or CHEM 135 satisfies the required chemistry credit for UMCP. CHEM 131-132 satisfies the required chemistry credit for UMBC, but CHEM 135 does not.
- The pre-requisite for ENGL 102 is ENGL 101 or ENGL 101A. English course placement is determined by the Accuplacer English/Reading Test.
- The co-requisite for ENES 100 is MATH 165 or higher.
- The pre-requisite for MATH 181 is MATH 165 (Precalculus). Mathematics initial course placement will be determined by the Accuplacer Math Test, AP/IB credit, or transfer credits.

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