

CIVIL ENGINEERING A.S.: 407

Total Credits: 60
Catalog Editions 19-20 through 21-22

Name:

Date:

ID #:

GENERAL EDUCATION: FOUNDATION COURSES	Course	Hours	Grade
English Foundation (<i>grade of C or better required to graduate</i>)	ENGL 102	3	
Math Foundation	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)	PHYS 161	3	
Natural Sciences Distribution with Lab (NSLD)	PHYS 262	4	
General Education Elective (GEEL)	ENES 100	3	

PROGRAM REQUIREMENTS	Course	Hours	Grade
CHEM 135 or CHEM 132		4	
	ENES 102	3	
ENES 120 or ENES 221		3	
	ENES 220	3	
	ENES 240	3	
	MATH 182	4	
	MATH 280	4	
	MATH 282	3	
PROGRAM ELECTIVE †			

Has student completed the Global Perspectives requirement? Yes No

Overall GPA of 2.0 is required to graduate

Global Perspectives Course:

Total Credits:

[Civil Engineering Website](#)

**Behavioral and social science distribution (BSSD) course must come from different disciplines.

† Program elective courses: **BIOL 105** and **BIOL 106**, **BIOL 150**, **CHEM 203**, **GEOL 101**, or **PHYS 263** depending on the transfer institution.

Last Modified: July 2021

Advising Worksheet Contact:
[Anthony Solano](#)

Financial Aid Notice:

Students that are required to take ENGL 101, MATH 165, CHEM 099 and/or CHEM 131 should declare as a General Engineering: 410 major until they qualify to register for ENGL 102, MATH 181, & CHEM 132/CHEM 135.

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 CIVIL ENGINEERING

- Most engineering students will start at MC missing one or more re-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 prerequisite for MATH 181 is MATH 165 (Precalculus). Mathematics initial course placement will be determined by the ALEKS Math Placement, Accuplacer Math Test, AP/IB credit, or transfer credits.
- ENES 221 is only required for Geotechnical/Structures Track at UMCP. ENES 120 is required for Environmental/Water Resources Track at UMCP.
- UMCP's ENCE 100, 200, 215, 305 for which MC has no equivalents, must be completed after transfer or through MTAP.
- BIOL 105/BIOL 106, BIOL 108, OR GEOL 101 may be more appropriate than PHYS 263 depending on your transfer institution.

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

See an [advisor](#) to submit an [Application for Graduation](#) the semester BEFORE you intend to graduate.