

CIVIL ENGINEERING A.S.: 407

Total Credits: 60
Catalog Editions 19-20 through 24-25

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 Reviewed: July 2024

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 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-CHEM 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 ALEKS Math Placement, Accuplacer Math Test, AP/IB credit, or transfer credits.
- UMCP's ENCE 100, 200, 215, 305 for which MC has no equivalents, must be completed after transfer or through MTAP.
- ENES 221 is only required for Geotechnical/Structures Track at UMCP. ENES 120 is required for Environmental/Water Resources Track at UMCP.
- For Program elective, BIOL 105 and BIOL 106, BIOL 150, CHEM 203, GEOL 101, or PHYS 263 may be appropriate depending on the transfer institution.

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