

Engineering Broadfield Associate of Science



Semester 1

Course Number	Course Name	Credits	Milestone	Completed
College Writing I	Pick one: ENGL 1200‡ or 1201	4-5		<input type="checkbox"/>
MnTC Goal 5 or 6	Goal 5 (History and the Social and Behavioral Sciences) or Goal 6 (Humanities and Fine Arts). Recommended ECON 1060 or 1070.	3		<input type="checkbox"/>

Total Credits: 7

Semester 2

Course Number	Course Name	Credits	Milestone	Completed
CHEM 1061	Principles of Chemistry I (see helpful hints)	4	Yes	<input type="checkbox"/>
Program Electives	ENGR 1000 Introduction to Engineering (recommended)	3		<input type="checkbox"/>

Total Credits: 7

Semester 3

Course Number	Course Name	Credits	Milestone	Completed
MATH 1221	Calculus I (see helpful hints)	5	Yes	<input type="checkbox"/>
Program Electives	Choose course from program electives in helpful hints	3		<input type="checkbox"/>

Total Credits: 8

Semester 4

Course Number	Course Name	Credits	Milestone	Completed
PHYS 1601	General Physics I	5	Yes	<input type="checkbox"/>
MATH 1222	Calculus II	5	Yes	<input type="checkbox"/>

Total Credits: 10

Semester 5

Course Number	Course Name	Credits	Milestone	Completed
PHYS 1602	General Physics II	5	Yes	<input type="checkbox"/>
MATH 2220	Calculus III	5	Yes	<input type="checkbox"/>

Total Credits: 10

(Semester 6 continues on the next page)



Milestone Courses

should be taken in the order shown. This will help you stay on track and graduate on time.

Helpful Hints

‡ ENGL 1200 corequisite ‡ENGL 1001– College Writing I Workshop

Program Electives (12 credits total): ENGR 1000, 1200, 2201, 2301, 2302, 2340, 2410, CHEM 1062, 2061, 2062, MATH 2011, 2300, CSCI 1120 or 1130

-Talk with your advisor early about where you plan to transfer as the transfer requirements may be different for each university.

-If planning on transferring to U of M, you MUST speak to your advisor to plan your best path.

-MATH 1221: If you do not place into Calc I (MATH 1221) you will need to take additional math sequences.


-CHEM 1061: if you do not place into Pre-Calc (MATH 1170), you will need to complete additional sequence of math courses to register for CHEM 1061.

Semester 6

Course Number	Course Name	Credits	Milestone	Completed
Program Electives	Choose course from program electives in helpful hints	3		<input type="checkbox"/>
MnTC Elective	Goal 5 (History and the Social and Behavioral Sciences) or Goal 6 (Humanities and Fine Arts)	3		<input type="checkbox"/>
Program Electives	Choose course from program electives in helpful hints	4		<input type="checkbox"/>

Total Credits: 10

Semester 7

Course Number	Course Name	Credits	Milestone	Completed
MATH 2400	Differential Equations	4	 Yes	<input type="checkbox"/>
Program Electives	Choose course from program electives in helpful hints	4		<input type="checkbox"/>

Total Credits: 8

Program Credit Total: 60

FINISHED



Disclaimer: This roadmap represents one possible pathway through the program, so please make an appointment with your Academic Advisor to create an education plan that is customized to meet your needs. This information is subject to change.

Leaf/Dagger (†) means the class is only offered Fall semester. 🌸 Flower/Asterisk () means the class is only offered Spring Semester.
Double Dagger (‡) means the course has a corequisite that must be taken at the same time.

Effective 10/4/24 AT