



This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

GE Pattern: local AA/AS

Total Units: 60

First Year

Semester 1

7 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	MATH 400	Calculus I	5	IIb MC
GE		any Area IIIb (Life Development Skills) course	2	IIIb

Semester 2

8 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	MATH 401	Calculus II	5	
GE	ENGWR 300 / 480 ^H	College Composition	3	IIa WC

Second Year

Semester 3

8 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	MATH 402	Calculus III	5	
GE		any Area I (Humanities) course	3	I

Semester 4

6 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	MATH 410	Introduction to Linear Algebra	3	
GE		any Area IV (Natural Sciences) course	3	IV

Third Year

Semester 5

7 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
Req	MATH 420	Differential Equations	4	
Elec		any elective course numbered 300-499	3	

Semester 6

9 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
RE	MATH 320 / PHIL 324 ¹	Symbolic Logic	3	
GE		any Area Va (American Institutions) course	3	Va

TRANSFER PATH

Potential Transfer Majors:

- Mathematics B.S.

Potential Career/Options After Completing a Bachelor's Degree:

- actuary
- analyst
- statistician
- researcher
- educator

Advising Notes:

- This map starts with MATH 400, which has prerequisites. Please [see a counselor](#) to add in prerequisite courses, if needed.
- Students can substitute ESLW 340 for ENGWR 300/480.

Scheduling Notes:

- MATH 320/PHIL 324 is offered in the spring.

Other Notes to Students Preparing to Transfer:

- Physics and computer programming courses are often required for transfer.
- STAT 300 is required for Math Education concentrations at many four-year universities.
- See [ASSIST.ORG](#) for the transfer requirements of the institution to which you plan to transfer.

CAT.	COURSE	TITLE	UNIT	GE AREA
Elec		any elective course numbered 300-499	3	

¹ or STAT 300/480

Fourth Year

Semester 7

8 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		any Area VI (Ethnic/Multicultural Studies) course	3	VI
Elec		any elective course numbered 300-499	3	
Elec		any elective course numbered 300-499	2	

Semester 8

7 Units

CAT.	COURSE	TITLE	UNIT	GE AREA
GE		any Area IIIa (Physical Education) course	1	IIIa
GE		any Area Vb (Social & Behavioral Sciences) course	3	Vb
Elec		any elective course numbered 300-499	3	

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement
Elec	Degree Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list

Graduation Requirement

A course that fulfills a specific graduation requirement which can be replaced by another course that meets the same graduation requirement.

MC = Math Competency

WC = Writing Competency

- The UC system requires proficiency in a language other than English equivalent to two years of high school study. [See a counselor](#) about fulfilling this requirement.

Honors Courses (H):

Students with a cumulative GPA of 3.2 or better who complete 15 or more units of Honors coursework earn an H onors Transfer Certificate and can take advantage of honors-to-honors transfer agreements with highly selective colleges and universities, both public and private.