Applied Math Major Graduation MAP (6031)

No Minor Required – Actuarial/Financial Track (6026)

This is a suggested plan. Meet with you major advisor at least once a year to create a specific plan that best fits your academic needs. Remember, taking an average of 15 credit hours per semester facilitates timely graduation.

WEBER STATE UNIVERSITY
College of Science

2017/2018 Catalog Year   NAME: _____

✓	Course	Credits	Sem Offered	Milestones & Notes
Freshman (Semester 1) – Start MATH 1210 and ENGL 2010				• 19 credits LD MATH and 15 credits UD MATH required courses.
	MATH 1210 Calculus I (QL)	4	Su, F, Sp	• ***** 25 additional credits UD MATH and/or choose from the following UD courses offered by the Goddard School of Business and Economics: ACTG 3110, ACTG 3120, ECON 3030, ECON 4010, ECON 4020, ECON 4550, ECON 4560, FIN 3200, FIN 3300, FIN 4400, MGMT 3010, MKTG 3010, QUAN 3610, or other department approved course.
	ENGL 2010 (EN) Intermediate College Writing	3	Su, F, Sp	
	Gen Ed Information Literacy LIBS 1704	1	Su, F, Sp	
	* ^ Possible prereq for UD Business/Econ	3		
	* ^ Possible prereq for UD Business/Econ	3		
	Total Semester Credits	**14**		• **^** Look ahead for UD Business/Econ courses that will require prerequisites.
Freshman (Semester 2)				• Important to complete MATH 1210 and 1220 for prerequisites.
	MATH 1220 Calculus II	4	Su, F, Sp	• Overall and MATH GPA of 2.0 or higher.
	MATH 1200 Mathematics Computer Lab	1	Su, F, Sp	• 'C' or better in each MATH course.
	* ^ Possible prereq for UD Business/Econ	3		
	Gen Ed	3	Su, F, Sp	
	Gen Ed	4	Su, F, Sp	
	Total Semester Credits	**15**		
Freshman (Optional)				• Major courses are prioritized over Gen Ed courses. Significant deviations from the MAP will likely result in additional semesters required to graduate.
	Total Semester Credits			
Sophomore (Semester 1)				• Overall and MATH GPA of 2.0 or higher.
	MATH 2210 Calculus III	4	Su, F, Sp	• 'C' or better in each MATH course.
	MATH 2270 Elementary Linear Algebra **or** MATH 2280 Ordinary Differential Equations	3	F, Sp	• Overall and MATH GPA 3.3 for Departmental Honors program.
	MATH 3410 Probability & Statistics I	3	F	
	* ^ Possible prereq for UD Business/Econ	3		
	Gen Ed	3	Su, F, Sp	
	Total Semester Credits	**16**		
Sophomore (Semester 2)				• Overall and MATH GPA of 2.0 or higher.
	MATH 2270 Elementary Linear Algebra **or** MATH 2280 Ordinary Differential Equations	3	F, Sp	• 'C' or better in each MATH course.
	MATH 3420 Probability & Statistics II	3	Sp	• Overall and MATH GPA 3.3 for Departmental Honors program.
	* ^ Possible prereq for UD Business/Econ	3		• At least 9 credit hours of UD MATH must be completed at Weber State University.
	Gen Ed	3	Su, F, Sp	
	Gen Ed	3	Su, F, Sp	
	Total Semester Credits	**15**		
Sophomore (Optional)				• **Should have a minimum of 60 credit hours - consider summer classes if short.**
	Total Semester Credits			

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Junior (Semester 1)				• Overall GPA and MATH GPA of 2.0 or higher.
	~ MATH 3550, MATH 3710, or MATH 4610	3	F	• 'C' or better in each MATH course.
	* UD MATH or Business/Econ	3		• ~ Choose three from the following courses – **MATH 3550** Mathematical Modeling (F), **MATH 3710** Boundary Value Problems (F), **MATH 4610** Numerical Analysis I (F even years), or **MATH 4710** Partial Differential Equations (Sp odd years).
	* UD MATH or Business/Econ	3		
	Gen Ed	3	Su, F, Sp	
	Gen Ed	3	Su, F, Sp	• **^** Look ahead for UD Business/Econ courses that will require prerequisites.
	Total Semester Credits	**15**		
Junior (Semester 2)				• Overall and MATH GPA 3.3 for Departmental Honors program.
	~ MATH 3550, MATH 3710, or MATH 4610	3	F	• ***** 25 additional credits UD MATH and/or choose from the following UD courses offered by the Goddard School of Business and Economics: ACTG 3110, ACTG 3120, ECON 3030, ECON 4010, ECON 4020, ECON 4550, ECON 4560, FIN 3200, FIN 3300, FIN 4400, MGMT 3010, MKTG 3010, QUAN 3610, or other department approved course.
	* UD MATH or Business/Econ	3		
	* UD MATH or Business/Econ	3		
	Gen Ed	3	Su, F, Sp	
	Elective Credit	3		
	Total Semester Credits	**15**		
Junior (Optional)				• **Should have a minimum of 90 credit hours - consider summer classes if short.**
	Total Semester Credits			
Senior (Semester 1)				• Apply for Departmental Honors program at least one semester before graduation. Overall and MATH GPA 3.3. Talk to advisor about research project.
	~ MATH 3550, MATH 4610, MATH 3710, **or** MATH 4710 (prereq MATH 3710)	3	varies	
	* UD MATH or Business/Econ	3		
	* UD MATH or Business/Econ	3		
	Gen Ed	3	Su, F, Sp	
	Elective Credit if needed	3		
	Total Semester Credits	**15**		
Senior (Semester 2)				• **Minimum 120 credit hours needed for graduation.**
	* UD MATH or Business/Econ	3		• Present research project for Departmental Honors.
	* UD MATH or Business/Econ	3		• Apply for graduation early.
	* UD MATH or Business/Econ	3		• Contact Math Dept. for graduation sign-off.
	Elective Credit if needed	3		• Complete Graduate Exit Survey.
	Elective Credit if needed	3		
	Total Semester Credits	**15**		
Senior (Optional)				
	Total Semester Credits			
	Total # of Credits for Graduation (120 minimum)			

Gen Ed Breadth Requirements		
☐CA Creative Arts	☐HU Humanities	☐CA or HU
☐SS Social Science	☐SS Social Science	
☐LS Life Science	☐PS Physical Science	☐LS or PS
☐DV (Diversity credit can double dip w/Breadth courses)		

AVOID MISADVISEMENT!
Consult your **academic advisor**, the **WSU catalog**
(weber.edu/catalog), and your **CatTracks** degree evaluation
(log into your eWeber Student Portal).

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Revised 4/24/2017