

AUBURN UNIVERSITY AT MONTGOMERY
MATHEMATICS MAJOR STUDY PLAN (last rev. 2022-05-12)

NAME:	Student ID:	E-mail:
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COURSE	SEM. HRS.	GRADE	COMMENTS	COURSE	SEM. HRS.	GRADE	COMMENTS
AREA I (Written Composition)				AREA V (Major Courses)			
				CORE (31 hours)			
ENGL 1010 (English Composition I)	3			MATH 1620 (Calculus II)	4		
ENGL 1020 (English Composition II)	3			MATH 2630 (Multivariable Calculus)	4		
AREA II (Humanities and Fine Arts Literature)				MATH 2660 or 3660 (Linear Algebra/Applied L. Alg.)	3		
Fine Arts ⁽¹⁾	3			MATH 3000 (Intro to Higher Math)	3		
Literature ^(2a)	3			MATH 3690 (Differential Equations)	3		
Literature ^(2a) or Foreign Language ^(2b)	3			MATH 4210 (Analysis I)	3		
COMM 2212(p. sp) /COMM2100(m&c)	3			MATH 4310 (Modern Algebra I)	3		
AREA III (Natural Sciences and Mathematics)				STAT 4670 (Mathematical Statistics)	3		
MATH 1610 (Calculus I)	4			MATH 4950 (Math Senior Seminar)	2		
PHYS/CHEM/PSCI+lab ^(2c)	4			STAT 3000 ^(5a)	3		
PHYS/CHEM/PSCI+lab ^(2c)	4						
				ELECTIVES (min. 33 hours)			
				Concentration I: Traditional Mathematics (min. 33 hours)			
				Science/MATH/STAT/CSCI/approved course ^(5b)	4/3		
AREA IV (History, Social Sciences and Behavioral Sciences)				Science/MATH/STAT/CSCI/approved course ^(5b)	4/3		
History ^(3a)	3			MATH/STAT 4000-level ^(4a)	3		
History ^(3a) or Literature ^(2a)	3			MATH 4000-level ^(4a)	3		
Social Science ^(3b)	3			MATH 4000-level ^(4a)	3		
Social Science ^(3b)	3			MATH 4000-level ^(4a)	3		
FREE ELECTIVES (12~14 sem. hrs.)				MATH 4000-level ^(4a)	3		
UNIV 1000	3			MATH 4000-level ^(4a)	3		
ENGL 3030 (Technical Writing)	3			Field of Application ⁽⁶⁾			
				Application course 1	3		
				Application course 2	3		
				Application course 3	3		

(1) VISU 1000/2030/2040, MUSI 2110, THEA 2040, or other state-approved Fine Arts course.
(2a) ENGL 2530, ENGL 2540, ENGL 2570, ENGL 2580, ENGL 2600, ENGL 2610, or other state-approved Literature courses.
(2b) FREN, GERM, SPAN, or other State-approved Foreign Language courses.
(2c) PHYS 2100/1, PHYS 2200/1, CHEM 1100/1, CHEM 1200/1, PSCI 1100/1, PSCI1300/1, PSCI1400/1, PSCI 1500/1 or approved equivalent area III core course;
(3a) Choose one of the sequences HIST1010/1020 (World History), HIST 1060/1070 (Western Civilization) or HIST 2010/2020 (U.S. History).
(3b) ANTH 2110, ECON 2010, ECON 2020, GEOG 2050, GEOG 2150, HIST 1060, HIST 1070, HIST 2010, HIST 2020, PSYC 2110, POLS 2020, SOCI 2000, or other state-approved Soc. Science course.

