

Associate of Science in STEM Mathematics

2019-2020 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2019 through summer 2020. This degree plan will remain in effect for students who do not break enrollment or who do not change degree programs, concentrations or cognates.

GENERAL EDUCATION/

FOUNDATI	ONAL SKILLS REQUIREMENTS	(36-39 hours)					
Course		Hrs Sem Grade	Course		<u>Hrs</u>	<u>Sem</u>	Grade
Communication & Information Literacy (9 hours) ¹			Major Foundational Courses (0-3 hours)				
ENGL 101	Composition & Rhetoric	3	CSIS 110	Introduction to Computing Sciences ³	3		
	Communications Elective	3					
	Information Literacy Elective	3	MAJOR				
				Core (23 hours)			
Technologica	al Solutions & Quantitative Reasonin	g (3-6 hours) ¹	MATH 131	Calculus & Analytic Geometry I	4		
UNIV 104	Instructional Tech. for Online Learning	0-3	MATH 132	Calculus & Analytic Geometry II	4		
MATH	Math Elective (MATH 114 or higher)	3	MATH 211	Introduction to Statistical Analysis	3		
			MATH 250	Introduction to Discrete Mathematics	3		
Critical Thir	nking (7 hours) ¹			STEM Elective ⁴			
RLGN 104	Christian Life & Biblical Worldview ²	4		STEM Elective ⁴			
	Critical Thinking Elective	3		STEM Elective ⁴			
Civic & Glol	bal Engagement (3 hours) ¹		FREE ELEC	CTIVES (0-1 hours)			

Social & Scientific Inquiry (6 hours)¹

Cultural Studies Elective

 Natural Science Elective	3	
 Social Science Elective	3	

Christianity & Contexts (8 hours)¹

BIBL 104	Survey of Old & New Testament	4	
THEO 104	Introduction to Theology Survey ²	4	

Notes

All applicable prerequisites must be met

¹Refer to the list of approved general education electives at www.liberty.edu/gened before enrolling in foundational skills requirements

²Students transferring in 45 or more UG credit hours will have the requirement of RLGN 104 waived; Students transferring in 60 or more UG credit hours will also have the requirement of THEO 104 waived

³Courses may also fulfill select General Education Requirements. Please refer to the list of approved general education electives at www.liberty.edu/gened

⁴Choose a course not already required in the Major from the following: any CSIS, ENGR, ENVR, PHSC course, and any 200-400 level PHYS, MATH, or STEM course. A minimum of 9 hours total is required

Suggested Course Sequence on second page

Graduation Requirements

60 Total Hours

2.0 Overall grade point average

Grade of 'C' Minimum required for all upper-level courses in the major

50% Of major taken through Liberty University

 ${\bf 15} \ {\bf Hours} \ {\bf must} \ {\bf be} \ {\bf completed} \ {\bf through} \ {\bf Liberty} \ {\bf University}$

Grad App Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Revised: 11.11.2019 Effective: Catalog Term 2019-40

SUGGESTED COURSE SEQUENCE

First Semester		Second Semester	
BIBL 104	4	RLGN 104	4
ENGL 101	3	Critical Thinking Elective ¹	3
UNIV 104	0-3	MATH 131	4
Information Literacy Elective ¹ [CSIS	110] 3	STEM Elective ²	3
MATH Elective ¹	<u>3</u>	Elective	<u>1</u>
	Total 13-16		Total 15
Third Semester		Fourth Semester	
THEO 104	4	Cultural Studies Elective ¹	3
Communication Elective ¹	3	Natural Science Elective ¹	3
MATH 132	4	Social Science Elective ¹	3
MATH 211	3	MATH 250	3
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STEM Elective ²	<u>3</u>	STEM Elective ²	<u>3</u>

Notes

Revised: 05.08.2019 Effective: Catalog Term 2019-40

 $^{^1}$ Refer to the list of approved general education electives at $\underline{www.liberty.edu/gened}$ before enrolling in foundational skills requirements

²Choose a course not already required in the Major from the following: any CSIS, ENGR, ENVR, PHSC course, and any 200-400 level PHYS, MATH, or STEM course. A minimum of 9 hours total is required