LIBERTY UNIVERSITY

Associate of Science in STEM Mathematics

2020-2021 Degree Completion Plan

Important: This degree plan is effective for those starting this degree program in fall 2020 through summer 2021. 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/

| Course Hs Sem Grade Course Hs Sem Grade Communication & Information Literacy (9 hours) ¹ Major Foundational Courses (0-3 hours) Image: Course Major Foundational Courses (0-3 hours) Image: Course Image: Course Image: Course Major Foundational Courses (0-3 hours) Image: Course Image: Cours | FOUNDATI | ONAL SKILLS REQUIREMENTS | (37-40 hours) | | | | | |
|---|--|---|-----------------------------|------------|---|-----|-----|-------|
| ENGL 101 Composition & Rhetoric 3 CSIS 110 Introduction to Computing Sciences ⁴ 3 | Course | | Hrs Sem Grade | Course | | Hrs | Sem | Grade |
| Important in the second sec | Communicat | tion & Information Literacy (9 hour | s) ¹ | Major Foun | dational Courses (0-3 hours) | | | |
| Information Literacy Elective 3 MAJOR Technological Solutions & Quantitative Reasoning (4-7 hours) ¹ MATH 131 Calculus & Analytic Geometry I 4 UNIV 101 Foundational Skills 1 MATH 131 Calculus & Analytic Geometry I 4 MATH Math Elective (MATH 114 or higher) 3 MATH 220 Introduction to Statistical Analysis 3 MATH Technology Competency ² 0-3 MATH 250 Introduction to Statistical Analysis 3 | ENGL 101 | Composition & Rhetoric | 3 | CSIS 110 | Introduction to Computing Sciences ⁴ | 3 | | |
| Core (23 hours) Core (23 hours) Technological Solutions & Quantitative Reasoning (4-7 hours) ¹ MATH 131 Calculus & Analytic Geometry I 4 UNIV 101 Foundational Skills 1 MATH 132 Calculus & Analytic Geometry II 4 MATH Math Elective (MATH 114 or higher) 3 MATH 211 Introduction to Discrete Mathematics 3 | | Communications Elective | 3 | | | | | |
| Technological Solutions & Quantitative Reasoning (4-7 hours) ¹ MATH 131 Calculus & Analytic Geometry I 4 | | Information Literacy Elective | 3 | MAJOR | | | | |
| UNIV 101 Foundational Skills 1 MATH 132 Calculus & Analytic Geometry II 4 MATH 140 MATHMath Elective (MATH 114 or higher) 3 MATH 211 Introduction to Statistical Analysis 3 MATH 211 Technology Competency ² 0-3 MATH 250 Introduction to Discrete Mathematics 3 MATH 250 Technology Competency ² 0-3 MATH 250 Introduction to Discrete Mathematics 3 MATH 250 RLGN 105 Intr Bwvw/Contemp Moral Issues ³ 2 STEM Elective ⁵ MATH 250 RLGN 105 Intr Bwvw/Contemp Moral Issues ³ 2 STEM Elective ⁵ MATH 250 Critical Thinking Elective 3 STEM Elective ⁵ MATH 250 STEM Elective ⁵ MATH 250 Critical Thinking Elective 3 STEM Elective ⁵ MATH 250 STEM Elective ⁵ MATH 250 Civic & Global Engagement (5 hours) ¹ | | | | | Core (23 hours) | | | |
| MATH Math Elective (MATH 114 or higher) 3 MATH 211 Introduction to Statistical Analysis 3 | Technologica | al Solutions & Quantitative Reasonii | ng (4-7 hours) ¹ | MATH 131 | Calculus & Analytic Geometry I | 4 | | |
| | UNIV 101 | Foundational Skills | 1 | MATH 132 | Calculus & Analytic Geometry II | 4 | | |
| Critical Thinking (5 hours) ¹ RLGN 105 Intr Bwvw/Contemp Moral Issues ³ 2 Critical Thinking Elective 3 Cultural Studies Elective 3 Cultural Studies Elective 3 Matural Science Elective 3 Social & Contexts (8 hours) ¹ EVAN 105 Old Testament Survey 2 BIBL 105 New Testament Survey 2 | MATH | Math Elective (MATH 114 or higher) | 3 | MATH 211 | Introduction to Statistical Analysis | 3 | | |
| Critical Thinking (5 hours) ¹ | | Technology Competency ² | 0-3 | MATH 250 | Introduction to Discrete Mathematics | 3 | | |
| RLGN 105 Intr Bwvw/Contemp Moral Issues ³ 2 Critical Thinking Elective 3 Civic & Global Engagement (5 hours) ¹ EVAN 101 Evangelism & Christian Life ³ 2 Cultural Studies Elective 3 Social & Scientific Inquiry (6 hours) ¹ Matural Science Elective 3 Social Science Elective 3 Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 Maturel Survey 2 2 2 | | | | | STEM Elective ⁵ | _ | | |
| RLGN 105 Intr Bwvw/Contemp Moral Issues ³ 2STEM Elective ⁵ Critical Thinking Elective 3STEM Elective ⁵ Civic & Global Engagement (5 hours) ¹ EVAN 101 Evangelism & Christian Life ³ 2 Cultural Studies Elective 3 Social & Scientific Inquiry (6 hours) ¹ Natural Science Elective 3 Social Science Elective 3 BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 2 | Critical Thinking (5 hours) ¹ | | | | STEM Elective ⁵ | _ | | |
| Civic & Global Engagement (5 hours) ¹ EVAN 101 Evangelism & Christian Life ³ 2 Cultural Studies Elective 3 Cultural Studies Elective 3 Natural Science Elective 3 Social & Science Elective 3 Social Science Elective 3 Social Science Elective 3 Social Science Elective 3 Social Science Elective 2 BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | | Intr Bwvw/Contemp Moral Issues ³ | 2 | | STEM Elective ⁵ | _ | | |
| EVAN 101 Evangelism & Christian Life ³ 2 Cultural Studies Elective 3 Social & Scientific Inquiry (6 hours) ¹ Natural Science Elective 3 Social Science Elective 3 Social Science Elective 3 Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | <u> </u> | Critical Thinking Elective | 3 | | | | | |
| EVAN 101 Evangelism & Christian Life ³ 2 Cultural Studies Elective 3 Social & Scientific Inquiry (6 hours) ¹ Natural Science Elective 3 Social Science Elective 3 Social Science Elective 3 Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | Civic & Glol | bal Engagement (5 hours) ¹ | | | | | | |
| Social & Scientific Inquiry (6 hours) ¹ | EVAN 101 | Evangelism & Christian Life ³ | 2 | | | | | |
| Natural Science Elective 3 Social Science Elective 3 Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | | Cultural Studies Elective | 3 | | | | | |
| Natural Science Elective 3 Social Science Elective 3 Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | Social & Scie | entific Inquiry (6 hours) ¹ | | | | | | |
| Christianity & Contexts (8 hours) ¹ BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | | | 3 | | | | | |
| BIBL 105 Old Testament Survey 2 BIBL 110 New Testament Survey 2 | <u> </u> | Social Science Elective | 3 | | | | | |
| BIBL 110 New Testament Survey 2 | Christianity | & Contexts (8 hours) ¹ | | | | | | |
| · | BIBL 105 | Old Testament Survey | 2 | | | | | |
| THEO 201 Theology Survey J ³ 2 | BIBL 110 | New Testament Survey | 2 | | | | | |
| | THEO 201 | Theology Survey I ³ | 2 | | | | | |
| THEO 202 Theology Survey II ³ 2 | THEO 202 | Theology Survey II ³ | 2 | | | | | |

| | Notes |
|---|---|
| | All applicable prerequisites must be met |
| | ¹ Refer to the list of approved general education electives at <u>www.liberty.edu/gened</u> before |
| | enrolling in foundational skills requirements |
| | ² All students must pass the Computer Assessment OR complete applicable INFT course; |
| | refer to www.liberty.edu/computerassessment for more information |
| Graduation Requirements | ³ Students transferring in 45 or more UG credit hours will have the requirements of RLGN |
| 60 Total Hours | 105 & EVAN 101 waived; Students transferring in 60 or more UG credit hours will also |
| 2.0 Overall grade point average | have the requirements of THEO 201 & THEO 202 waived |
| Grade of 'C' Minimum required for all upper-level courses in the major | ⁴ Courses may also fulfill select General Education Requirements. Please refer to the list of |
| 25% Of major taken through Liberty University | approved general education electives at www.liberty.edu/gened |
| 15 Hours must be completed through Liberty University | ⁵ Choose a course not already required in the Major from the following: any CSIS, ENGR, |
| Grad App Submission of Degree Completion Application must be completed | ENVR, PHSC course, and any 200-400 level PHYS, MATH, or STEM course. A minimum |
| within the last semester of a student's anticipated graduation date | of 9 hours total is required |
| CSER All requirements must be satisfied before a degree will be awarded | Suggested Course Sequence on second page |

| FIRST YEAR | | | | | | | | | |
|---|-------|----------|---|-------|----------------|--|--|--|--|
| First Semester | | | Second Semester | | | | | | |
| BIBL 105 | 2 | | BIBL 110 | | 2 | | | | |
| ENGL 101 | | 3 | RLGN 105 | | 2 | | | | |
| EVAN 101 | | 2 | Communications Elective ¹ | | 3 | | | | |
| UNIV 101 | | 1 | MATH 131 | | 4 | | | | |
| Information Literacy Elective ¹ [CSIS 110] MATH Elective ¹ Technology Competency ² | | 3 | STEM Elective ³ | | 3 | | | | |
| | | 3 | CSER | | <u>0</u> 14 | | | | |
| | | 0-3 | | Total | | | | | |
| CSER | | <u>0</u> | | | | | | | |
| | Total | 14-17 | | | | | | | |
| | | SECON | D YEAR | | | | | | |
| THEO 201 | | 2 | THEO 202 | 2 | | | | | |
| Cultural Studies Elective ¹ | | 3 | Critical Thinking Elective ¹ | | 3 | | | | |
| MATH 132 | | 4 | Natural Science Elective ¹ | | 3 | | | | |
| MATH 211 | | 3 | Social Science Elective ¹ | | 3 | | | | |
| STEM Elective ³ | | 3 | MATH 250 | | 3 | | | | |
| CSER | | <u>0</u> | STEM Elective ³ | | 3 | | | | |
| | Total | 15 | CSER | | <u>0</u> | | | | |
| | | | | Total | 17 | | | | |

All applicable prerequisites must be met

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

²All students must pass the Computer Assessment OR complete applicable INFT course; refer to <u>www.liberty.edu/computerassessment</u> for more information

³Choose 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