

Requirements for the Bachelor of Arts Degree in Mathematics

| Lower Division Requirements | Upper Division Requirements | Electives (minimum 8 units) |
|---|---|-----------------------------|
| Mathematics 164 ⁽⁴⁾ ___ | Mathematics 352 ⁽²⁾ ___ | MTH312 ⁽²⁾ ___ |
| Mathematics 174 ⁽⁴⁾ ___ | Mathematics 382 ⁽²⁾ ___ | MTH334 ⁽⁴⁾ ___ |
| Mathematics 232 ⁽²⁾ ___ | Mathematics 481 ⁽¹⁾ ___ | MTH344 ⁽⁴⁾ ___ |
| Mathematics 242 ⁽²⁾ ___ | Choose one from | MTH392 ⁽⁴⁾ ___ |
| Mathematics 274 ⁽⁴⁾ ___ | Mathematics 424 ⁽⁴⁾ ___ | MTH402 ⁽²⁾ ___ |
| Computer Science 142 ⁽²⁾ ___ | Mathematics 444 ⁽⁴⁾ ___ | MTH412 ⁽²⁾ ___ |
| Computer Science 154 ⁽⁴⁾ ___ | Choose one from | MTH424 ⁽⁴⁾ ___ |
| | Mathematics 334 ⁽⁴⁾ ___ | MTH432 ⁽²⁾ ___ |
| | Mathematics 344 ⁽⁴⁾ ___ | MTH444 ⁽⁴⁾ ___ |
| | Choose one group from | MTH452 ⁽²⁾ ___ |
| | Mathematics 496 ⁽²⁾ and 497 ⁽¹⁾ | MTH471 ⁽¹⁾ ___ |
| | Mathematics 498 ⁽²⁾ and 499 ⁽¹⁾ | |
| | Honors 498 ⁽²⁾ and 499 ⁽¹⁾ | |
| | History of Mathematics | |
| | Mathematical Statistics | |
| | Senior Seminar in Mathematics | |
| | Real Analysis I | |
| | Abstract Algebra I | |
| | Applied Mathematics | |
| | Discrete Mathematics | |
| | Service Learning in Math I & II | |
| | Independent Research in Math I & II | |
| | Honors Project I & II | |

| I. Responding to the Sacred | | |
|--|--|---|
| Biblical Foundations | Bible 101 ⁽²⁾ ___ | and Bible 102 ⁽³⁾ ___ |
| The Christian Tradition | Church History 395 ⁽³⁾ ___ | or Church History 484 ⁽³⁾ and 485 ⁽³⁾ ___ |
| II. Developing Cognitive Abilities | | |
| Personal Development | Psychology 101 ⁽⁴⁾ (FF) ___ | or Psychology 103 ⁽³⁾ ___ |
| Critical Thinking and Communication | Writing 110 ⁽⁵⁾ ___ | and Communication 100 ⁽³⁾ ___ |
| | or Writing 120 ⁽³⁾ ___ | |
| Basic Competence | Writing Sample ___ | Writing 099 ___ |
| Problem Solving | Mathematics 303 ⁽³⁾ ___ | or Mathematics 144 ⁽⁴⁾ ___ |
| | | Mathematics 164 ⁽⁴⁾ ___ |
| Basic Competence | Placement Test ___ | Math 099 ___ |
| | SAT 35th %ile ___ | ACT 35th %ile ___ |
| III. Exploring an Interdependent World | | |
| The Natural World | Biological Science ⁽⁴⁾ ___ | and Physical Science ⁽⁴⁻⁵⁾ ___ |
| | One with lab ___ | |
| Physical Fitness and Nutrition | PED ___ (One of Physical Education 102-184) | |
| | Take one of the following: Family & Consumer Sci. 315 ⁽³⁾ ___ | |
| | Physical Education 100 ⁽¹⁾ ___ | Physical Education 300 ⁽²⁾ ___ |
| The Social World | Take one of the following: Sociology 101 ⁽³⁾ ___ | |
| | Economics 101 ⁽³⁾ ___ | Sociology 201 ⁽³⁾ ___ |
| | Economics 102 ⁽³⁾ ___ | Political Science 101 ⁽³⁾ ___ |
| | | Political Science 190 ⁽⁴⁾ ___ |

| IV. Seeking Cultural Perspectives | | |
|---|---|---|
| The History of World Civilizations | History 110 ⁽⁵⁾ ___ | and History 111 ⁽⁵⁾ ___ |
| The Fine Arts | Music History 100 ⁽²⁾ ___ | Art 100 ⁽²⁾ ___ |
| Take two of the following areas: | Music History 101 ⁽²⁾ ___ | Art 102 ⁽³⁾ ___ |
| (MUH, ART, TRE) | Theater 101 ⁽²⁾ ___ | Art 200 ⁽³⁾ ___ |
| | | Art 201 ⁽³⁾ ___ |
| Philosophy | Philosophy 201 ⁽³⁾ ___ | or Philosophy 211 ⁽³⁾ ___ |
| Literature Masterpieces: | Take two courses, at least one from masterpieces. | |
| | Literature 201 ⁽³⁾ ___ | Literature 203 ⁽³⁾ ___ |
| | Literature 202 ⁽³⁾ ___ | |
| Great Works: | Literature 205 ⁽²⁾ ___ | Literature 208 ⁽²⁾ ___ |
| | Literature 206 ⁽²⁾ ___ | Literature 325 ⁽³⁾ ___ |
| | Literature 207 ⁽²⁾ ___ | |
| Foreign Language | Take one of the following sequences: | |
| | Spanish 101 ⁽⁴⁾ ___ | and Spanish 102 ⁽⁴⁾ ___ |
| | German 101 ⁽⁴⁾ ___ | and German 102 ⁽⁴⁾ ___ |
| | French 101 ⁽⁴⁾ ___ | and French 102 ⁽⁴⁾ ___ |
| | Biblical Lang. 205 ⁽⁴⁾ ___ | and Biblical Lang. 206 ⁽⁴⁾ ___ |
| | or | |
| | Biblical Lang. 207 ⁽³⁾ ___ | and Biblical Lang. 208 ⁽³⁾ ___ |
| | | and Biblical Lang. 337 ⁽³⁾ ___ |