

## B.A. in Mathematics to M.A. in Ministry 2019-2020: Option 1 - CWILT

| FIRST YEAR  |         |  |         |   |         |   |
|---|---------|--|---------|---|---------|---|
| Fall  | Credits | Interim  | Credits | Spring  | Credits |   |
| <a href="#">COS 100</a> Introduction to Programming   | 3       | <a href="#">GES 160</a> Inquiry Seminar            | 3       | <a href="#">COS 105</a> Computer Science 1  | 4       |   |
| <a href="#">MAT 124M</a> Calculus 1   | 4       |  |         | <a href="#">GES 130</a> Christianity Western Culture  | 4       |   |
| <a href="#">GES 125</a> Introduction to the Creative Arts   | 4       |  |         | <a href="#">MAT 125</a> Calculus 2  | 4       |   |
| <a href="#">GES 140</a> Introduction to Wellbeing   | 3       |  |         | <a href="#">BIB 101</a> Introduction to the Bible   | 3       |   |
|   | 14      |  | 3       |   | 15      |   |
| SECOND YEAR   |         |  |         |   |         |   |
| Fall  | Credits | Interim  | Credits | Spring  | Credits |   |
| <a href="#">MAT 223</a> Multivariable Calculus  | 3       | Elective   | 3       | <a href="#">MAT 211</a> Linear Algebra  | 3       |   |
| <a href="#">MAT 241</a> Discrete Mathematics  | 3       |  |         | <a href="#">MAT 222</a> Differential Equations  | 3       |   |
| Laboratory Science (D) course   | 4       |  |         | <a href="#">THE 201</a> Christian Theology  | 3       |   |
| Contemporary Western Life and Thought (L) course  | 3       |  |         | Leisure and Lifetime Sports (Q) course  | 1       |   |
| Elective  | 3       |  |         | Second Language (S) course <sup>1</sup>   | 4       |   |
|   | 16      |  | 3       |   | 14      |   |
| THIRD YEAR  |         |  |         |   |         |   |
| Fall  | Credits | Interim  | Credits | Spring  | Credits |   |
| <a href="#">MAT 330</a> Probability and Statistics  | 3       | Comparative Systems (G) course                     | 3       | <a href="#">MAT 310</a> Algebraic Structures  | 4       |   |
| Interpreting Biblical Themes (J) course   | 3       |  |         | <a href="#">MAT 425</a> Topics in Mathematics   | 3       |   |
| World Cultures (U) course   | 3       |  |         | Artistic Experience (A) course  | 0-3     |   |
| Cross-Cultural Experience (Z) course  | 0-3     |  |         | Science, Technology, and Society (K) course   | 3       |   |
| <a href="#">MIN 200</a> Foundations of Ministry   | 3       |  |         | Elective  | 3       |   |
|   | 12-15   |  | 3       |   | 13-16   |   |
| FOURTH YEAR   |         |  |         |   |         |   |
| Fall  | Credits | Interim  | Credits | Spring  | Credits | Summer  |
| <a href="#">MAT 422</a> Real Analysis   | 3       | <a href="#">MAT 499</a> Foundations of Mathematics | 3       | Contemporary Christian Issues (P) course  | 3       | <a href="#">BT 510</a> Hermeneutics                           |
| <a href="#">SP 001</a> Formation Assessments  | 0       |  |         | Applied Math course <sup>2</sup>  | 3       | <a href="#">TS 512</a> Systematic Theology I: God the Creator |
| Applied Math course <sup>2</sup>  | 4       |  |         | <a href="#">TL 001</a> Vocational Assessments   | 0       |   |
| <a href="#">BIB 265</a> The Life and Teachings of Paul  | 3       |  |         | <a href="#">MIN 320</a> Spiritual and Faith Formation   | 3       |   |
| <a href="#">THE 263</a> Christian Social Ethics   | 3       |  |         | <a href="#">THE 311</a> Early Church to Reformation Theology in Global Perspective  | 3       |   |
| <a href="#">BIB 260</a> The Life and Teachings of Jesus   | 3       |  |         | Internship Preparation <sup>3</sup>   |         |   |
|   | 16      |  | 3       |   | 12      | 6   |
| FIFTH YEAR  |         |  |         |   |         |   |
| Fall  | Credits | Interim  | Credits | Spring  | Credits |   |
| <a href="#">NT 516</a> New Testament Survey: Narratives, Letters, and Revelation                              | 3       | Elective (DE Course) - Concentration Course        | 1.5     | <a href="#">OT 516</a> Old Testament Survey: Law, Prophets and Writings   | 3       |   |
| <a href="#">TS 513</a> Systematic Theology II: God the Redeemer   | 3       | Elective (DE Course) - Concentration Course        | 1.5     | <a href="#">NT 518</a> or <a href="#">QT 518</a> New Testament: Exegetical Explorations or Old Testament: Exegetical Explorations | 3       |   |
| <a href="#">ML 523</a> Introduction to Transformational Leadership: Theory and Practice in Global Perspective | 3       |  |         | <a href="#">GS 780</a> Senior Integrative Seminar   | 3       |   |
| <a href="#">TL 566A</a> Professional Internship A   | 1.5     |  |         | <a href="#">TL 566B</a> Professional Internship B   | 1.5     |   |
| <a href="#">GS 001</a> Graduate Research Seminar  | 0       |  |         | Elective (CP510) - Concentration Course   | 3       |   |
| Elective (ML615) - Concentration Course   | 3       |  |         |   |         |   |
|   | 13.5    |  | 3       |   | 13.5    |   |
| <b>Total Credits 160-166</b>  |         |  |         |   |         |   |

- Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)
- Applied Math choices: choose two: [MAT 344](#) Numerical methods (fall only), [MAT 376](#) Operations Research (fall, odd years), or [MAT 331](#) Applied Statistics (spring, even years).
- Student must meet with director of internship and placement at least two terms before beginning internship.

[This program assumes a student will use MAT 124M to meet the general education Mathematics requirements.](#)

Most financial aid packages stipulate 12 credits/semester; Minnesota state grants are reduced when credit load falls below 15 credits/semester. (Interim credits may be split between fall and spring for state grant purposes only.)

## B.A. in Mathematics to M.A. in Ministry 2019-2020: Option 2 - Humanities

| FIRST YEAR  |              |  |          |   |              |   |          |
|---|--------------|--|----------|---|--------------|---|----------|
| Fall  | Credits      | Interim  | Credits  | Spring  | Credits      |   |          |
| <a href="#">COS 100</a> Introduction to Programming   | 3            | <a href="#">GES 147</a> Humanities II: Renaissance and Reformation | 4        | <a href="#">COS 105</a> Computer Science 1  | 4            |   |          |
| <a href="#">MAT 124M</a> Calculus 1   | 4            |  |          | <a href="#">GES 244</a> Humanities III: European Enlightenment and American Culture to 1877                                       | 4            |   |          |
| <a href="#">GES 140</a> Introduction to Wellbeing   | 3            |  |          | <a href="#">MAT 125</a> Calculus 2  | 4            |   |          |
| <a href="#">GES 145</a> Humanities I: Greco-Roman through Middle Ages   | 4            |  |          | Artistic Experience (A) course  | 0-3          |   |          |
|   | <b>14</b>    |  | <b>4</b> |   | <b>12-15</b> |   |          |
| SECOND YEAR   |              |  |          |   |              |   |          |
| Fall  | Credits      | Interim  | Credits  | Spring  | Credits      |   |          |
| <a href="#">MAT 223</a> Multivariable Calculus  | 3            | <a href="#">BIB 101</a> Introduction to the Bible                  | 3        | <a href="#">MAT 211</a> Linear Algebra  | 3            |   |          |
| <a href="#">MAT 241</a> Discrete Mathematics  | 3            |  |          | <a href="#">MAT 222</a> Differential Equations  | 3            |   |          |
| <a href="#">GES 246</a> Humanities IV: Modern and Contemporary Western Culture                                | 4            |  |          | Leisure and Lifetime Sports (Q) course  | 1            |   |          |
| Laboratory Science (D) course   | 4            |  |          | Second Language (S) course <sup>1</sup>   | 4            |   |          |
|   |              |  |          | Elective  | 3            |   |          |
|   | <b>14</b>    |  | <b>3</b> |   | <b>14</b>    |   |          |
| THIRD YEAR  |              |  |          |   |              |   |          |
| Fall  | Credits      | Interim  | Credits  | Spring  | Credits      |   |          |
| <a href="#">MAT 330</a> Probability and Statistics  | 3            | Comparative Systems (G) course                                     | 3        | <a href="#">MAT 310</a> Algebraic Structures  | 4            |   |          |
| Interpreting Biblical Themes (J) course   | 3            |  |          | <a href="#">MAT 425</a> (spring, odd years) Topics in Mathematics   | 3            |   |          |
| World Cultures (U) course   | 3            |  |          | Science, Technology, and Society (K) course   | 3            |   |          |
| Cross-Cultural Experience (Z) course  | 0-3          |  |          | Elective  | 3            |   |          |
| Electives   | 4            |  |          |   |              |   |          |
|   | <b>13-16</b> |  | <b>3</b> |   | <b>13</b>    |   |          |
| FOURTH YEAR   |              |  |          |   |              |   |          |
| Fall  | Credits      | Interim  | Credits  | Spring  | Credits      | Summer  |          |
| <a href="#">MAT 422</a> Real Analysis   | 3            | <a href="#">MAT 499</a> Foundations of Mathematics                 | 3        | Contemporary Christian Issues (P) course  | 3            | <a href="#">BT 510</a> Hermeneutics                           | 3        |
| Applied Math course <sup>2</sup>  | 4            |  |          | Applied Math course <sup>2</sup>  | 3            | <a href="#">TS 512</a> Systematic Theology I: God the Creator | 3        |
| <a href="#">SP 001</a> Formation Assessments  | 0            |  |          | <a href="#">TL 001</a> Vocational Assessments   | 0            |   |          |
| <a href="#">BIB 260</a> The Life and Teachings of Jesus   | 3            |  |          | Internship Preparation <sup>3</sup>   |              |   |          |
| <a href="#">THE 263</a> Christian Social Ethics   | 3            |  |          | <a href="#">MIN 320S</a> Spiritual and Faith Formation  | 3            |   |          |
| <a href="#">MIN 200</a> Foundations of Ministry   | 3            |  |          | <a href="#">THE 311</a> Early Church to Reformation Theology in Global Perspective  | 3            |   |          |
|   |              |  |          | <a href="#">BIB 265</a> The Life and Teachings of Paul  | 3            |   |          |
|   | <b>16</b>    |  | <b>3</b> |   | <b>15</b>    |   | <b>6</b> |
| FIFTH YEAR  |              |  |          |   |              |   |          |
| Fall  | Credits      | Interim  | Credits  | Spring  | Credits      |   |          |
| <a href="#">NT 516</a> New Testament Survey: Narratives, Letters, and Revelation                              | 3            | Elective (DE Course) - Concentration Course                        | 1.5      | <a href="#">OT 516</a> Old Testament Survey: Law, Prophets and Writings   | 3            |   |          |
| <a href="#">TS 513</a> Systematic Theology II: God the Redeemer   | 3            | Elective (DE Course) - Concentration Course                        | 1.5      | <a href="#">NT 518</a> or <a href="#">OT 518</a> New Testament: Exegetical Explorations or Old Testament: Exegetical Explorations | 3            |   |          |
| <a href="#">ML 523</a> Introduction to Transformational Leadership: Theory and Practice in Global Perspective | 3            |  |          | <a href="#">GS 780</a> Senior Integrative Seminar   | 3            |   |          |
| <a href="#">TL 566A</a> Professional Internship A   | 1.5          |  |          | <a href="#">TL 566B</a> Professional Internship B   | 1.5          |   |          |
| <a href="#">GS 001</a> Graduate Research Seminar  | 0            |  |          | Elective (CP510) - Concentration Course   | 3            |   |          |
| Elective (ML615) - Concentration Course   | 3            |  |          |   |              |   |          |
|   | <b>13.5</b>  |  | <b>3</b> |   | <b>13.5</b>  |   |          |
| <b>Total Credits 160-166</b>  |              |  |          |   |              |   |          |

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2. Applied Math choices: choose two: [MAT 344](#) Numerical methods (fall only), [MAT 376](#) Operations Research (fall, odd years), or [MAT 331](#) Applied Statistics (spring, even years).
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