

# III. EDUCATION

## Contents

|   |    |
|---|----|
| 8-semester plans.....   | 2  |
| Education Grades PreK– 4 (B.S.).....  | 2  |
| Special Education Pre-K -12 <sup>th</sup> (B.S.).....                           | 4  |
| Education with Dual Certification in PreK–4 & Special Education (N-12) B.S..... | 6  |
| Education Grades 4–8 (B.S.) English Concentration .....                         | 7  |
| Education Grades 4–8 (B.S.) Math & English Concentration.....                   | 8  |
| Education Grades 4–8 (B.S.) Math & Social Studies Concentration .....           | 9  |
| Education Grades 4–8 (B.S.) Math Concentration .....                            | 10 |
| Education Grades 4–8 (B.S.) Science and English Concentration .....             | 11 |
| Education Grades 4–8 (B.S.) Science and Math Concentration.....                 | 13 |
| Education Grades 4–8 (B.S.) Science and Social Studies Concentration .....      | 15 |
| Education Grades 4–8 (B.S.) Science Concentration.....                          | 17 |
| Education Grades 4–8 (B.S.) Social Studies Concentration.....                   | 19 |

## 8-semester plans

### Education with Teaching Certification in Grades PreK– 4 (B.S.)

| <i>First Year ~ Fall</i>   |  |   |           | <i>First Year ~ Spring</i> |  |   |           |
|--|--|---|-----------|----------------------------|--|---|-----------|
| IDFY 101†  | First Year Seminar*                            | 3 |           | IDCR 151                   | Created/Called for Community*(W)               | 3 |           |
| Varies   | QuEST Language (1/3)*                          | 3 |           | Varies                     | QuEST Language (2/3)*                          | 3 |           |
| PHSC 102 F,S   | Physical Sciences*                             | 3 |           | BIOL 106                   | Life Sciences                                  | 3 |           |
| COMM 105†  | Fundamentals of Oral Communication*            | 3 |           | CIS/MATH/STAT              | QuEST Mathematical Sciences                    | 3 |           |
| HIST 141/142   | U.S. History*                                  | 3 |           | ENGL160 † F,S              | World Literature*                              | 3 |           |
|  |  |   |           | EDUC 208 F,S               | ELLs in K-12 Schools                           | 3 |           |
| <b>TOTAL CREDITS</b>   |  |   | <b>15</b> | <b>TOTAL CREDITS</b>       |  |   | <b>18</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |   |           |                            |  |   |           |
| <i>Sophomore ~ Fall</i>  |  |   |           | <i>Sophomore ~ Spring</i>  |  |   |           |
| EDUC 209† F,S  | Princ. & Struct of Mathematics                 | 3 |           | EDSP 207 c F,S             | Intro to Special Education                     | 3 |           |
| BIBL 20x   | Encountering the Bible*                        | 3 |           | EDUC 203 <sup>c</sup>      | Educational Psychology                         | 3 |           |
| EDUC 205 F,S   | Cultural & Political Geography                 | 3 |           | Varies                     | Minor/Disciplinary Focus                       | 3 |           |
| PHIL/RELI  | QuEST Philosophy/Religion*                     | 3 |           | EDUC 226 S                 | Children's Literature                          | 3 |           |
| EDUC 346 F,S   | Sociocultural Perspectives                     | 3 |           | HDFS 210 F,S               | Child Development (fld ex)                     | 3 |           |
| WELL 1xx   | Wellness course                                | 1 |           | TEP 210 <sup>c</sup> F,S   | Sophomore Field Experience                     | 0 |           |
|  |  |   |           | Varies                     | QuEST Language (3/3)                           |   |           |
| <b>TOTAL CREDITS</b>   |  |   | <b>16</b> | <b>TOTAL CREDITS</b>       |  |   | <b>18</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |  |   |           |                            |  |   |           |
| <i>Junior ~ Fall</i>   |  |   |           | <i>Junior ~ Spring</i>     |  |   |           |
| EDUC 301 <sup>c</sup> F  | Literacy Climate, Curriculum & Instruction I   | 3 |           | EDUC 302 <sup>c</sup> S    | Literacy Climate, Curriculum & Instruction II  | 3 |           |
| EDUC 303 <sup>c</sup> F  | Math Climate, Curriculum & Instruction Primary | 3 |           | EDUC 304 <sup>c</sup> S    | Math Climate, Curriculum & Instruction Intrm   | 2 |           |
| EDUC 330 <sup>c</sup> F  | Instructional Design I                         | 3 |           | EDUC 342 <sup>c</sup> S    | Social Studies: Climate Curriculum & Instruct  | 3 |           |
| EDSP 307 <sup>c</sup> F  | Inclusion Practices                            | 3 |           | EDUC 347 <sup>c</sup> S    | Science: Climate Curriculum & Instruction      | 3 |           |
| Varies   | Disciplinary Focus course                      | 3 |           | TEP 314 <sup>c</sup> S     | Field Experience III in 2-4                    | 0 |           |
| TEP 312 <sup>c</sup> F   | Field Experience II PreK–2                     | 0 |           | THEO 2xx                   | QuEST Christian Beliefs*                       | 3 |           |
|  |  |   |           | Varies                     | Minor/Disciplinary Focus                       | 3 |           |
| <b>TOTAL CREDITS</b>   |  |   | <b>15</b> | <b>TOTAL CREDITS</b>       |  |   | <b>17</b> |
| <i>Senior ~ Fall</i>   |  |   |           | <i>Senior ~ Spring</i>     |  |   |           |
| <u>Professional Semester</u>   |  |   |           | EDUC 414 <sup>c</sup> S    | Developmental Programing: Early Childhood CC&I | 3 |           |
| EDUC 420 <sup>c</sup> F  | Professional Issues in Education               | 2 |           | EDUC 415 <sup>c</sup> S    | Evidence Based ECE Practices                   | 3 |           |
| TEP 434 <sup>c</sup> F   | Student Teaching: PreK–4                       | 9 |           | TEP 465 <sup>c</sup> S     | Early Childhood Internship                     | 0 |           |
| TEP 407 <sup>c</sup> F   | Student Teaching Seminar                       | 1 |           | Varies                     | Disciplinary Focus course                      | 3 |           |
| <b>TOTAL CREDITS</b>   |  |   | <b>12</b> | Varies                     | Disciplinary Focus course                      | 3 |           |
| *Note: No additional credits can be added to this semester.  |  |   |           | Varies                     | QuEST Arts (ART/MUSI/THEA)*                    | 3 |           |
| <b>TOTAL CREDITS</b>   |  |   | <b>15</b> | <b>TOTAL CREDITS</b>       |  |   | <b>15</b> |

**TOTAL : 128 credits**

<sup>c</sup> Courses to be taken concurrently/3 clearances required

Chapter 354 Requirements

Math (6 credits): MATH QuEST, EDUC 209

English (6 credits): IDFY 101, ENGL 160

F=Fall, S=Spring

W Course Requirement Met by \_\_\_\_\_

† - indicates requirement for admission to the TEP

**Study Abroad possibilities:** fall or spring semester sophomore year (optional). More details on back of page.

\*QuEST requirement

**Required Disciplinary Focus for Education with Teaching Certification in PreK–4** All students who major in PreK–4 must complete a 12-credit *Disciplinary Focus* to provide depth in an academic discipline other than Education. The *Disciplinary Focus* requirement can be satisfied through either of the following two options:

*Option I – Completion of a Disciplinary Focus* is twelve credits within a single academic discipline. These credits may not overlap with QuEST or any other courses completed for the major. A “discipline” is defined as courses from a single academic department or courses from two closely related departments (e.g., Psychology and Sociology, Biology and Chemistry, History and Political Science). **Students must obtain advance approval from their advisors and the Department of Education chair for all courses selected to complete the *Disciplinary Focus* option.**

*Option II – Completion of an approved college minor.* At least twelve credits must be distinct (i.e., may not overlap with QuEST or any other courses completed for the major). The Socio-Cultural Perspectives on Education\*\* Minor **may** be completed to satisfy the disciplinary focus requirement.

**Disciplinary Focus Record**

(select one option/column)

| <i>Disciplinary Focus</i> | <i>Minor</i> |
|---------------------------|--------------|
| 1.                        | 1.           |
| 2.                        | 2.           |
| 3.                        | 3.           |
| 4.                        | 4.           |
|                           | 5.           |
|                           | 6.           |
|                           |              |

**Study abroad options:**

A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. Study abroad should occur during Fall or Spring of your sophomore year. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Foreign Language, QuEST Philosophy/Religion, QuEST U.S. History, QuEST Mathematical Sciences, BIOL 106, PHSC 102, EDUC 205, HDFS 210.

**Special Education N-12th with Teaching Certification, Pre-K -12<sup>th</sup> (B.S.)**  
8-semester plan

| Course #  | Course Name   | Credits   | Course #  | Course Name  | Credits   |
|---|---|-----------|---|--|-----------|
| <b>First Year – Fall</b>  |   |           | <b>First Year – Spring</b>  |  |           |
| IDFY 101  | First year seminar  | 3         | IDCR 151  | Created and Called for Community                                       | 3         |
| Varies  | 1 <sup>st</sup> semester of language  | 3         | Varies  | 2 <sup>nd</sup> semester of language                                   | 3         |
| COMM 105  | Fundamentals of Oral Communication  | 3         | Varies F, S   | QuEST Mathematical Science   | 3-4       |
| HIST 141  | U.S. History (or HIST 142)  | 3         | EDUC 208 F, S   | Teaching English Language Learners                                     | 3         |
| Well 1xx F,S  | Wellness course   | 1         | PHSC 102  | Physical Sciences  | 3         |
| BIOL 106  | Life Sciences   | 3         | EDUC 209 F, S   | Principles and Structures of Mathematics †                             | 3         |
|   |   |           | <b>Submit security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |           |
| <b>Total</b>  |   | <b>16</b> | <b>Total</b>  |  | <b>18</b> |
| <b>Sophomore – Fall</b>   |   |           | <b>Sophomore – Spring</b>   |  |           |
| Varies  | 3 <sup>rd</sup> semester of language or cross-cultural*                             | 3         | BIBL 20x  | Knowledge of the Bible   | 3         |
| EDSP 207 F, S   | Introduction to Special Education*  | 3         | EDUC 346 F, S   | Sociocultural Perspectives in Education                                | 3         |
| EDUC 203  | Educational Psychology*   | 3         | HDFS 311 F, S   | Adolescent Development   | 3         |
| TEP 210   | Sophomore Field Experience*   | 0         | EDSP 396 S  | Infants, Toddlers, Families  | 3         |
| HDFS 210  | Child Development (fld exp)   | 3         | Varies  | Disciplinary Focus   | 3         |
| Varies  | ENGL 160 World Literature (F, S) or ENGL 365 Young Adult Literature (F, even years) | 3         | Varies  | ENGL 160 World Literature (F, S) or EDUC 226 Children's Literature (S) | 3         |
| Varies  | Disciplinary Focus  | 3         |   |  |           |
| <b>Optional: Study Abroad Semester</b>                          |   |           | <b>Submit Teacher Education Program app by 3/31 to B414.</b>                    |  |           |
| <b>Total</b>  |   | <b>18</b> | <b>Total</b>  |  | <b>18</b> |
| <b>Junior – Fall</b>  |   |           | <b>Junior – Spring</b>  |  |           |
| EDUC 301* F   | Literacy Climate, Curriculum & Instruction I  | 3         | EDUC 302*S  | Literacy Climate, Curriculum & Instruction II                          | 3         |
| EDUC 303* F   | Math Climate, Curriculum & Instruction Primary                                      | 3         | EDUC 304*S  | Math Climate, Curriculum & Instruction Intm                            | 2         |
| EDUC 330/31*F   | Instructional Design  | 3         | EDSP 398  | Low Incidence Instructional Strategies                                 | 3         |
| EDSP 397* F   | High Incidence Instructional Strategies   | 3         | TEP 314*S   | Field Experience III Grades 2-4  | 0         |
| TEP 312* F  | Field Experience II PreK-2  | 0         | Varies  | QuEST Art, Music, or Theatre   | 3         |
| Varies  | Disciplinary Focus  | 3         | Varies  | Disciplinary Focus   | 3         |
|   |   |           | Varies  | Disciplinary Focus   | 3         |
| <b>Total</b>  |   | <b>15</b> | <b>Total</b>  |  | <b>17</b> |
| <b>Submit Professional Semester application by 11/1 to B414</b> |   |           |   |  |           |
| <b>Senior – Fall</b>  |   |           | <b>Senior – Spring</b>  |  |           |
| Professional Semester   |   |           | THEO 2xx  | Christian Beliefs  | 3         |
| EDUC 420*F  | Professional Issues in Education  | 2         | Varies  | QuEST Philosophy or Religion   | 3         |
| TEP 432*F   | Student Teaching: Special Education   | 9         | TEP 420*S   | Special Education Internship   | 0         |
| TEP 407*F   | Student Teaching Seminar  | 1         | EDSP 399*S  | Positive Behavior  | 3         |
|   |   |           | EDSP 409  | Psychological Testing  | 3         |
|   |   |           | EDME 537  | Secondary Special Education and Transition                             | 3         |
| *Note: No additional credits can be added to this semester.     |   |           |   |  |           |
| <b>Total</b>  |   | <b>12</b> | <b>Total</b>  |  | <b>15</b> |

**TOTAL : 129 credits**

\*Courses to be taken concurrently/3 clearances required

Chapter 354 Requirements

Math (6 credits): CIS/MATH/STAT Quest, MATH/EDUC 209

English (9 credits): IDFY 101, ENGL 160, choice of either Young Adult Literature or Children's Literature

NOTE, you must take ENGL 160 (also fulfills NW)

† - indicates requirement for admission to the TEP

**Study Abroad possibility:** Fall semester sophomore year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST language, QuEST Philosophy/Religion, QuEST U.S. HIST 141/142, BIOL106, PHSC 102, QuEST Mathematical Sciences.

Special Education majors are strongly encouraged to pursue one of the following minors or endorsement programs:

| Minor  | Recommended if you are interested in:  |
|--|--|
| TESOL (Minor-18 credits, Certificate-15 credits) | Adding certification to teach English language learners. This is a high need area in teaching whether you teach special education serving students who are ELs or you teach ELs who are at risk of being identified with a disability.                         |
| Speech and Language Pathology (20 credits)       | Specializing in autism or serious communication disorders, if you want to teach in a communication intensive classroom or a multiple disabilities classroom, or if you are interested in pursuing a masters degree later in Speech and Language Pathology.     |
| Disability and Family Wellness (18 credits)      | Specializing in family support, community outreach, or disability-related community supports. Requires careful planning as only 2 courses can overlap between those already required for your major.   |
| HDFS (18 credits)                                | Specializing in functional curriculum for learners with more severe or profound disabilities, such as life skills or multiple disabilities classrooms. Specializing in development and the family.   |
| English (18 credits)                             | Language arts interventions at middle or high school settings. Please plan to take English Composition as one elective in that minor.  |
| Math (20-21 credits)                             | Math interventions at high school. This minor does NOT teach you the mathematics you would support in middle or secondary special education, though it does prepare you to think mathematically, and pursue positions that expect math intervention expertise. |

**Education with Dual Teaching Certification in PreK-4 & Special Education (N-12) B.S.**  
8-semester plan

| Course #   | Course name                                    | Credits   | Course #   | Course name                                   | Credits   |
|--|--|-----------|--|---|-----------|
| <b>First Year – Fall</b>   |  |           | <b>First Year - Spring</b>                                   |   |           |
| IDFY 101†  | First Year Seminar*                            | 3         | IDCR 151   | Created and Called for Community*(W)          | 3         |
| VARIES   | QuEST Language (1/3)*                          | 3         | VARIES   | QuEST Language (2/3)*                         | 3         |
| PHSC 102 F,S   | Physical Sciences*                             | 3         | BIOL 106   | Life Sciences                                 | 3         |
| COMM 105†  | Fundamentals of Oral Communication*            | 3         | CIS/MATH/STAT†   | QuEST Mathematical Sciences                   | 3         |
| HIST 141/142   | U.S. History*                                  | 3         | ENGL160 † F,S  | World Literature*                             | 3         |
| WELL 101 F,S   | Wellness                                       | 1         | EDUC 209 F,S   | Principles & Structures of Math               | 3         |
|  | <b>TOTAL</b>                                   | <b>16</b> |  | <b>TOTAL</b>                                  | <b>18</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |           |  |   |           |
| <b>Sophomore –Fall</b>   |  |           | <b>Sophomore – Spring</b>                                    |   |           |
| HDFS 210   | Child Development                              | 3         | HDFS 396 F,S   | Infants, Toddlers, Families                   | 3         |
| BIBL 20x   | Encountering the Bible                         | 3         | EDUC 226 S   | Children's Literature                         | 3         |
| Varies   | QuEST Language/Cross Cult (3/3)                | 3         | EDUC 205 F,S   | Cultural & Political Geo                      | 3         |
| EDSP 207°F,S   | Introduction to Special Education              | 3         | THEO 2xx   | QuEST Christian Beliefs*                      | 3         |
| TEP 210° F,S   | Sophomore Field Experience                     | 0         | HDFS 311   | Adolescent Development                        | 3         |
| EDUC 346 F,S   | Sociocultural Perspectives                     | 3         | EDUC 208   | Teaching English Language Learners            | 3         |
| EDUC 203°  | Educational Psychology                         | 3         |  |   |           |
|  | <b>TOTAL</b>                                   | <b>18</b> |  | <b>TOTAL</b>                                  | <b>18</b> |
| <b>Optional: Study Abroad Semester</b>   |  |           | <b>Submit Teacher Education Program app by 3/31 to B414.</b> |   |           |
| <b>Junior – Fall</b>   |  |           | <b>Junior – Spring</b>                                       |   |           |
| EDUC 301° F  | Literacy Climate, Curriculum & Instruction I   | 3         | EDUC 302° S  | Literacy Climate, Curriculum & Instruction II | 3         |
| EDUC 303° F  | Math Climate, Curriculum & Instruction Primary | 3         | EDUC 304° S  | Math Climate, Curriculum & Instruction Intm   | 2         |
| EDUC 330° F  | Instruct. Design I                             | 3         | EDUC 342° S  | Social Studies: Climate Curriculum & Instruct | 3         |
| EDSP 397   | High Incidence Instructional Strateg.          | 3         | EDUC 347° S  | Science: Climate Curriculum & Instruction     | 3         |
| TEP 312° F   | Field Experience II in PreK-2                  | 0         | EDSP 398   | Low Incidence Instr. Strategies               | 3         |
| Varies   | QuEST Arts (ART/MUSI/THEA)*                    | 3         | TEP 314° S   | Field Experience III in gr 2-4                | 0         |
|  | <b>TOTAL</b>                                   | <b>15</b> |  | <b>TOTAL</b>                                  | <b>14</b> |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |  |           |  |   |           |
| <b>Senior – Fall</b>   |  |           | <b>Senior – Spring</b>                                       |   |           |
|  | <u>Professional Semester</u>                   |           | EDSP 409°  | Psychological Testing                         | 3         |
| EDUC 420° F  | Professional Issues in Ed                      | 2         | EDUC 414° S  | Developmental Programming: EC C&I             | 3         |
| TEP 432° F   | Student Teaching: Special Education            | 9         | EDUC 415° S  | Evidence Based ECE Practices                  | 3         |
| TEP 407° F   | Student Teaching Seminar                       | 1         | TEP 420° S   | Special Education Internship                  | 0         |
|  |  |           | PHIL/RELI  | QuEST Philosophy/Religion                     | 3         |
|  |  |           | EDSP 399° F,S  | Positive Behavior Support                     | 3         |
|  |  |           | EDME 537   | Transition and Secondary Special Ed           | 3         |
|  | <b>TOTAL</b>                                   | <b>12</b> |  | <b>TOTAL</b>                                  | <b>18</b> |

**TOTAL : 129 credits**

\*QuEST requirement

Chapter 354 Requirements

°Courses to be taken concurrently/3 clearances required

Math (6 credits): CIS/MATH/STAT, EDUC 209

† - indicates requirement for admission to the TEP

English (6 credits): IDFY 101, ENGL 160

**Study Abroad possibility: fall semester soph yr**

A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Language, QuEST Philosophy/Religion, QuEST U.S. History, BIOL 106, PHYS 102, QuEST Mathematical Sciences, HDFS 310, EDUC 205

**Education with Teaching Certification in Grades 4–8 (B.S.) English Concentration**  
**Messiah University**  
**8-semester plan**

| Course #   | Course name                                   | Credits      | Course #                   | Course name  | Credits   |
|--|---|--------------|----------------------------|--|-----------|
| <b>First Year – Fall</b>   |   |              | <b>First Year - Spring</b> |  |           |
| IDFY 101†  | First Year Seminar *                          | 3            | IDCR 151                   | Created and Called for Community*(W)                       | 3         |
| Varies   | QuEST Language (1/3)*                         | 3            | Varies                     | QuEST Language (2/3)*                                      | 3         |
| BIOL 106 F,S   | Life Sciences                                 | 3            | PHSC 102 F,S               | Physical Sciences*   | 3         |
| COMM 105†  | Fundamentals of Oral Communication*           | 3            | CIS/MATH/STAT              | QuEST Mathematical Sciences                                | 3         |
| MATH 1xx   | MATH 101/102/108/111                          | 3-4          | ENGL 160† F,S              | World Literature*  | 3         |
|  |   |              | HIST 141/142               | U.S. History*  | 3         |
|  | <b>TOTAL</b>                                  | <b>15-16</b> |                            | <b>TOTAL</b>   | <b>18</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |   |              |                            |  |           |
| <b>Sophomore –Fall</b>   |   |              | <b>Sophomore – Spring</b>  |  |           |
| ENGL 333-366   | Literature course                             | 3            | EDSP 207° F,S              | Intro to Special Education                                 | 3         |
| Varies   | QuEST Language/Cross Cult (3/3)*              | 3            | EDUC 203° F,S              | Educational Psychology                                     | 3         |
| EDUC 209 F,S   | Principles & Structures of Math               | 3            | TEP 210° F,S               | Sophomore Field Experience                                 | 0         |
| EDUC 208   | Teaching English Language Learners            | 3            | CHEM 102/102L              | (Chemistry for Living- if GEOL not taken in fall semester) | 3         |
| WELL 1xx   | Wellness*                                     | 1            | BIBL 20X                   | Encountering the Bible*                                    | 3         |
| GEOL 201/201L  | Foundations of Geology                        | 4            | ENGL 203 or 270            | Writing/Critical Theory                                    | 3         |
|  |   |              | EDUC 205 F,S               | Cultural & Political Geography                             | 3         |
|  | <b>TOTAL</b>                                  | <b>17</b>    |                            | <b>TOTAL</b>   | <b>15</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |   |              |                            |  |           |
| <b>Junior – Fall</b>   |   |              | <b>Junior – Spring</b>     |  |           |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.              | 3            | EDUC 302° S                | Literacy: Climate, Curriculum & Instruction II             | 3         |
| EDSP 307° F  | Inclusion Practices                           | 3            | EDUC 304° S                | Math: Climate, Curriculum & Instruction Intm               | 3         |
| ENGL 201 F, S  | Intro to English Studies I <b>OR</b> ENGL 202 | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & Instruct              | 3         |
| EDUC 305° F  | Middle Level Methods                          | 3            | EDUC 226 S                 | Children's Literature                                      | 3         |
| TEP 316° F   | Field Experience II in gr. 6-8                | 0            | TEP 318° S                 | Field Experience III in gr. 4-5                            | 0         |
| HDFS 311 F,S   | Adolescent Development                        | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                  | 3         |
| ENGL 307   | Teaching English in Secondary Schools         | 3            |                            |  |           |
|  | <b>TOTAL</b>                                  | <b>18</b>    |                            | <b>TOTAL</b>   | <b>15</b> |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |   |              |                            |  |           |
| <b>Senior – Fall</b>   |   |              | <b>Senior – Spring</b>     |  |           |
|  | <u>Professional Semester</u>                  |              | EDUC 346                   | Socio-Cult. Perspective on Educ                            | 3         |
| EDUC 420° F,S  | Professional Issues in Education              | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                   | 3         |
| TEP 433° F,S   | Student Teaching: Gr 4-8                      | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                                | 3         |
| TEP 407° F,S   | Student Teaching Seminar                      | 1            | PHIL/RELI                  | QuEST Philosophy/Religion                                  | 3         |
|  |   |              | ENGL 333-366               | Literature course  | 3         |
|  | <b>TOTAL</b>                                  | <b>12</b>    |                            | <b>TOTAL</b>   | <b>15</b> |

\*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

# ENGL 203 F, 305/370F – 2 of the 3 courses required

† Indicates a requirement for admission to the TEP.

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language\*, BIOL 106, PHSC 102, ENGL XXX, EDUC 226 Children's Literature, QuEST Philosophy/Religion, QuEST U.S. History, QuEST Arts.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

## Education with Teaching Certification in Grades 4–8 (B.S.) Math & English Concentration Messiah University 8-semester plan

| Course #   | Course name  | Credits      | Course #                   | Course name   | Credits   |
|--|--|--------------|----------------------------|---|-----------|
| <b>First Year – Fall</b>   |  |              | <b>First Year - Spring</b> |   |           |
| IDFY 101†  | First Year Seminar *   | 3            | IDCR 151                   | Created and Called for Community*(W)                      | 3         |
| Varies   | QuEST Language (1/3)*  | 3            | Varies                     | QuEST Language (2/3) *                                    | 3         |
| BIOL 106 F,S   | Life Sciences  | 3            | PHSC 102 F,S               | Physical Sciences*  | 3         |
| COMM 105†  | Fundamentals of Oral Communication*                            | 3            | Varies                     | QuEST Mathematical Sciences                               | 3         |
| MATH 111†  | Calculus I   | 4            | ENGL 160† F,S              | World Literature*   | 3         |
|  |  |              | WELL 1xx                   | Wellness*   | 1         |
|  | <b>TOTAL</b>   | <b>16</b>    |                            | <b>TOTAL</b>  | <b>16</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |              |                            |   |           |
| <b>Sophomore –Fall</b>   |  |              | <b>Sophomore – Spring</b>  |   |           |
|  |  |              | EDSP 207° F,S              | Intro to Special Education                                | 3         |
| Varies   | QuEST Language/Cross Cult (3/3)*                               | 3            | EDUC 203° F,S              | Educational Psychology                                    | 3         |
| EDUC 209 F,S   | Principles & Structures of Math                                | 3            | TEP 210° F,S               | Sophomore Field Experience                                | 0         |
| Varies   | Math elective: CIS 181/MATH 112/<br>STAT 291/ PHYS 201/202/212 | 3-4          | CHEM 102/L                 | Chemistry for Living (if GEOL not taken in Fall semester) | 3         |
| EDUC 208   | Teaching English Language Learners                             | 3            | BIBL 20X                   | Encountering the Bible**                                  | 3         |
| GEOL 201/L   | Foundations of Geology   | 4            | ENGL 333-366               | Literature course   | 3         |
|  |  |              | EDUC 205 F,S               | Cultural & Political Geography                            | 3         |
|  |  |              | HIST 141/142               | U.S. History*   | 3         |
|  | <b>TOTAL</b>   | <b>16-17</b> |                            | <b>TOTAL</b>  | <b>18</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |  |              |                            |   |           |
| <b>Junior – Fall</b>   |  |              | <b>Junior – Spring</b>     |   |           |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.                               | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruct II                | 3         |
| EDSP 307° F  | Inclusion Practices  | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruct Interm                | 3         |
| EDUC 305° F  | Middle Level Methods   | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & In                   | 3         |
| TEP 316° F   | Field Experience II in gr. 6-8                                 | 0            | EDUC 226 S                 | Children's Literature                                     | 3         |
| HDFS 311 F,S   | Adolescent Development   | 3            | TEP 318° S                 | Field Experience III in gr. 4-5                           | 0         |
| ENGL 307   | Teaching English in Secondary Schools                          | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruct                    | 3         |
|  |  |              | MATH 307°                  | Secondary Mathematics Instruction                         | 2         |
|  | <b>TOTAL</b>   | <b>15</b>    |                            | <b>TOTAL</b>  | <b>17</b> |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |  |              |                            |   |           |
| <b>Senior – Fall</b>   |  |              | <b>Senior – Spring</b>     |   |           |
|  | <b>Professional Semester</b>                                   |              | EDUC 346                   | Socio-Cult. Perspective on Educ                           | 3         |
| EDUC 420° F,S  | Professional Issues in Education                               | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                  | 3         |
| TEP 433° F,S   | Student Teaching: Grades 4-8                                   | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                               | 3         |
| TEP 407° F,S   | Student Teaching Seminar                                       | 1            | PHIL/RELI                  | QuEST Philosophy/Religion*                                | 3         |
|  |  |              | STAT 269                   | Introduction to Statistics                                | 3         |
|  | *Note: No additional credits can be added to this semester.    |              |                            |   |           |
|  | <b>TOTAL</b>   | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15</b> |

\*QuEST requirement

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

## Math electives include:

CIS 181 Computer Programming I

MATH 112 Calculus II (4)

STAT 291 Statistics for Math I (3)

PHYS 201 Introductory Physics I (4)

PHYS 202 Introductory Physics II (4)

F=Fall, S=Spring

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

PHYS 211 General Physics I (4)

PHYS 212 General Physics II (4)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- COMM 105
- QuEST Mathematical Sciences \*
- QuEST Arts requirement
- BIOL 106 Life Sciences
- QuEST Philosophy/Religion\*
- QuEST Language\*
- PHSC 102 Physical Sciences\*



**Education with Teaching Certification in Grades 4–8 (B.S.) Math & Social Studies Concentration**  
**Messiah University 8-semester plan**

| Course #   | Course name  | Credits      | Course #                   | Course name   | Credits      |
|--|--|--------------|----------------------------|---|--------------|
| <b>First Year – Fall</b>   |  |              | <b>First Year - Spring</b> |   |              |
| IDFY 101†  | First Year Seminar* *  | 3            | IDCR 151                   | Created and Called for Community*(W)                        | 3            |
| Varies   | QuEST Language (1/3)*  | 3            | Varies                     | QuEST Language (2/3)*                                       | 3            |
| BIOL 106 F,S   | Life Sciences  | 3            | PHSC 102 F,S               | Physical Sciences*  | 3            |
| COMM 105†  | Fundamentals of Oral Communication**   | 3            | CIS/MATH/STAT              | QuEST Mathematical Sciences                                 | 3            |
| MATH 111†  | Calculus I   | 4            | ENGL 122-176†              | Literature Elective   | 3            |
|  |  |              | HIST 142                   | U.S. History*   | 3            |
|  | <b>TOTAL</b>   | <b>16</b>    |                            | <b>TOTAL</b>  | <b>18</b>    |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |              |                            |   |              |
| <b>Sophomore –Fall</b>   |  |              | <b>Sophomore – Spring</b>  |   |              |
| GEOL 201/L   | Foundations of Geology   | 4            | EDSP 207° F,S              | Intro to Special Education                                  | 3            |
| Varies   | QuEST Language/Cross Cult (3/3)*   | 3            | EDUC 203° F,S              | Educational Psychology                                      | 3            |
| EDUC 209 F,S   | Principles & Structures of Math  | 3            | TEP 210° F,S               | Sophomore Field Experience                                  | 0            |
| HIST 141   | U.S. History*  | 3            | CHEM 102/102L              | Chemistry for Living – (IF GEOL not taken in Fall semester) | 3            |
| EDUC 208   | Teaching English Language Learners   | 3            | BIBL 20x                   | Encountering the Bible**                                    | 3            |
| WELL xxx   | Wellness*  | 1            | HIST varies                | History elective HIST 271, 272 or 3xx                       | 3            |
|  |  |              | EDUC 205 F,S               | Cultural & Political Geography                              | 3            |
|  | <b>TOTAL</b>   | <b>17</b>    |                            | <b>TOTAL</b>  | <b>15</b>    |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |  |              |                            |   |              |
| <b>Junior – Fall</b>   |  |              | <b>Junior – Spring</b>     |   |              |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.   | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II               | 3            |
| EDSP 307° F  | Inclusion Practices  | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruction Intm                 | 3            |
| EDUC 305° F  | Middle Level Methods   | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & Instruct               | 3            |
| TEP 316° F   | Field Experience II in Grades 6-8  | 0            | MATH 307°                  | Secondary Mathematics Instruction                           | 2            |
| HDFS 311 F,S   | Adolescent Development   | 3            | TEP 318° S                 | Field Experience III in Grades 4-5                          | 0            |
| Varies   | HIST 202 and HIST 203, or ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274 | 3-4          | EDUC 347° S                | Science: Climate Curriculum & Instruction                   | 3            |
|  |  |              | STAT 269                   | Introduction to Statistics                                  | 3            |
|  | <b>TOTAL</b>   | <b>15-16</b> |                            | <b>TOTAL</b>  | <b>17</b>    |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |  |              |                            |   |              |
| <b>Senior – Fall</b>   |  |              | <b>Senior – Spring</b>     |   |              |
|  | <u>Professional Semester</u>   |              | EDUC 346                   | Socio-Cult. Perspective on Educ                             | 3            |
| EDUC 420° F,S  | Professional Issues in Education   | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                    | 3            |
| TEP 433° F,S   | Student Teaching: Grades 4-8   | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                                 | 3            |
| TEP 407° F,S   | Student Teaching Seminar   | 1            | MATH elective              | See list below##  | 3-4          |
|  |  |              | EDUC 226 S                 | Children's Literature                                       | 3            |
|  | <b>TOTAL</b>   | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15-16</b> |

F=Fall, S=Spring

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

## Math electives include: CIS 181, MATH 112, STAT 291, PHYS 201, PHYS 202, PHYS 211, PHYS 212 General Physics II (4)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• COMM 105 Oral Communication*</li> <li>• BIOL 106 Life Sciences</li> <li>• PHSC 102 Physical Sciences*</li> <li>• QuEST Mathematical Sciences *</li> </ul> | <ul style="list-style-type: none"> <li>• QuEST Philosophy/Religion*</li> <li>• QuEST Language*</li> <li>• QuEST Arts</li> </ul> |
|--|---|

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS 171

English (6 credits): IDFY 101, ENGL 160 (W)

\*QuEST requirement

## Education with Teaching Certification in Grades 4–8 (B.S.) Math Concentration Messiah University 8-semester plan

| Course #   | Course name                          | Credits   | Course #                   | Course name   | Credits   |
|--|--------------------------------------|-----------|----------------------------|---|-----------|
| <b>First Year – Fall</b>   |                                      |           | <b>First Year - Spring</b> |   |           |
| IDFY 101†  | First Year Seminar*                  | 3         | IDCR 151                   | Created and Called for Community*(W)                        | 3         |
| Varies   | QuEST Language (1/3)*                | 3         | Varies                     | QuEST Language (2/3)*                                       | 3         |
| BIOL 106 F,S   | Life Sciences                        | 3         | MATH 112#                  | Calculus II   | 4         |
| COMM 105†  | Fundamentals of Oral Communication** | 3         | Varies                     | QuEST Mathematical Sciences                                 | 3         |
| MATH 111†  | Calculus I                           | 4         | ENGL 160† F,S              | World Literature*   | 3         |
|  |                                      |           | WELL xxx                   | Wellness*   | 1         |
|  | <b>TOTAL</b>                         | <b>16</b> |                            | <b>TOTAL</b>  | <b>17</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |                                      |           |                            |   |           |
| <b>Sophomore –Fall</b>   |                                      |           | <b>Sophomore – Spring</b>  |   |           |
| Varies   | QuEST Language/Cross Cult (3/3)*     | 3         | EDSP 207° F,S              | Intro to Special Education                                  | 3         |
| EDUC 209 F,S   | Principles & Structures of Math      | 3         | EDUC 203° F,S              | Educational Psychology                                      | 3         |
| PHSC 102 F,S   | Physical Sciences*                   | 3         | TEP 210° F,S               | Sophomore Field Experience                                  | 0         |
| EDUC 205 F,S   | Cultural & Political Geography       | 3         | CHEM 102/102L              | Chemistry for Living – (IF GEOL not taken in Fall semester) | 3         |
| GEOL 201/L   | Foundations of Geology               | 4         | BIBL 20X                   | Encountering the Bible*                                     | 3         |
|  |                                      |           | EDUC 208                   | Teaching English Language Learners                          | 3         |
|  |                                      |           | HIST 141/142               | U.S History *   | 3         |
|  | <b>TOTAL</b>                         | <b>16</b> |                            | <b>TOTAL</b>  | <b>15</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |                                      |           |                            |   |           |
| <b>Junior – Fall</b>   |                                      |           | <b>Junior – Spring</b>     |   |           |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.     | 3         | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II               | 3         |
| EDSP 307° F  | Inclusion Practices                  | 3         | EDUC 304° S                | Math Climate, Curriculum & Instruction Intm                 | 3         |
| EDUC 305° F  | Middle Level Methods                 | 3         | EDUC 342° S                | Social Studies: Climate Curriculum & Instruct               | 3         |
| TEP 316° F   | Field Experience II in Grades 6-8    | 0         | EDUC 226 S                 | Children’s Literature                                       | 3         |
| HDFS 311 F,S   | Adolescent Development               | 3         | TEP 318° S                 | Field Experience III in Grades 4-5                          | 0         |
| STAT 269/291#  | Statistics                           | 3         | EDUC 347° S                | Science: Climate Curriculum & Instruction                   | 3         |
|  |                                      |           | MATH 307#                  | Secondary Mathematics Instruction                           | 2         |
|  | <b>TOTAL</b>                         | <b>15</b> |                            | <b>TOTAL</b>  | <b>17</b> |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |                                      |           |                            |   |           |
| <b>Senior – Fall</b>   |                                      |           | <b>Senior – Spring</b>     |   |           |
|  | <u>Professional Semester</u>         |           | EDUC 346                   | Socio-Cult. Perspective on Educ                             | 3         |
| EDUC 420° F,S  | Professional Issues in Education     | 2         | THEO 2xx                   | QuEST Christian Beliefs*                                    | 3         |
| TEP 433° F,S   | Student Teaching: Grades 4-8         | 9         | Varies                     | QuEST Arts (ART/MUSI/THEA)*                                 | 3         |
| TEP 407° F,S   | Student Teaching Seminar             | 1         | MATH/PHYS#                 | Math Elective 1 (see chart)                                 | 4         |
|  |                                      |           | PHYS XXX#                  | Math Elective 2 (see chart)                                 | 4         |
|  | <b>TOTAL</b>                         | <b>12</b> |                            | <b>TOTAL</b>  | <b>17</b> |

\*QuEST requirement

### # Math Concentration (21 Credits Minimum)

|              |   |
|--------------|---|
| MATH 111     | 4 |
| MATH 112     | 4 |
| MATH 307     | 2 |
| STAT 269/291 | 3 |
| Elective #1  | 4 |
| Elective #2  | 4 |

Elective #1: PHYS 201, PHYS 211, MATH 211

Elective #2: PHYS 201, PHYS 202, PHYS 211, PHYS 212

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, HIST 141, QuEST Arts

**Education with Teaching Certification in Grades 4–8 (B.S.) Science and English Concentration  
Messiah University 8-semester plan**

| Course #   | Course name                           | Credits      | Course #                   | Course name   | Credits      |
|--|---------------------------------------|--------------|----------------------------|---|--------------|
| <b>First Year – Fall</b>   |                                       |              | <b>First Year - Spring</b> |   |              |
| IDFY 101†  | First Year Seminar *                  | 3            | IDCR 151                   | Created and Called for Community* (W)                       | 3            |
| Varies   | QuEST Language (1/3)*                 | 3            | Varies                     | QuEST Language (2/3)*                                       | 3            |
| BIOL 106 F,S   | Life Sciences                         | 3            | PHSC 102 F,S               | Physical Sciences*  | 3            |
| COMM 105†  | Fundamentals of Oral Communication*   | 3            | CIS/MATH/STAT              | QuEST Mathematical Sciences                                 | 3            |
| MATH 1xx†  | MATH 101 or 102 or 108 or 111         | 3-4          | Varies                     | Science Concentration Elective                              | 3-4          |
|  |                                       |              | WELL xxx                   | Wellness  | 1            |
|  | <b>TOTAL</b>                          | <b>15-16</b> |                            | <b>TOTAL</b>  | <b>16-17</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |                                       |              |                            |   |              |
| <b>Sophomore –Fall</b>   |                                       |              | <b>Sophomore – Spring</b>  |   |              |
| Varies   | QuEST Language/Cross Cult (3/3)*      | 3            | EDSP 207° F,S              | Intro to Special Education                                  | 3            |
| EDUC 209 F,S   | Principles & Structures of Math       | 3            | EDUC 203° F,S              | Educational Psychology                                      | 3            |
| ENGL 333-366   | Literature Elective                   | 3            | TEP 210° F,S               | Sophomore Field Experience                                  | 0            |
| ENGL 160† F,S  | World Literature*                     | 3            | CHEM 102/102L              | Chemistry for Living – (IF GEOL not taken in Fall semester) | 3            |
| GEOL 201/L   | Foundations of Geology                | 4            | BIBL 20x                   | Encountering the Bible*                                     | 3            |
|  |                                       |              | EDUC 208                   | Teaching English Language Learners                          | 3            |
|  |                                       |              | EDUC 205 F,S               | Cultural & Political Geography                              | 3            |
|  |                                       |              | Varies                     | Science concentration elective                              | 3            |
|  | <b>TOTAL</b>                          | <b>16</b>    |                            | <b>TOTAL</b>  | <b>18</b>    |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |                                       |              |                            |   |              |
| <b>Junior – Fall</b>   |                                       |              | <b>Junior – Spring</b>     |   |              |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.      | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II               | 3            |
| EDSP 307° F  | Inclusion Practices                   | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruction Intm                 | 3            |
| Varies   | Science Concentration Elective        | 3-4          | EDUC 342° S                | Social Studies: Climate Curriculum & Instruct               | 3            |
| EDUC 305° F  | Middle Level Methods                  | 3            | EDUC 226 S                 | Children’s Literature                                       | 3            |
| TEP 316° F   | Field Experience II in gr. 6-8        | 0            | TEP 318° S                 | Field Experience III in gr. 4-5                             | 0            |
| HDFS 311 F,S   | Adolescent Development                | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                   | 3            |
| ENGL 307   | Teaching English in Secondary Schools | 3            |                            |   |              |
|  | <b>TOTAL</b>                          | <b>18</b>    |                            | <b>TOTAL</b>  | <b>15</b>    |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |                                       |              |                            |   |              |
| <b>Senior – Fall</b>   |                                       |              | <b>Senior – Spring</b>     |   |              |
|  | <b>Professional Semester</b>          |              | EDUC 346                   | Socio-Cult. Perspective on Educ                             | 3            |
| EDUC 420° F,S  | Professional Issues in Education      | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                    | 3            |
| TEP 433° F,S   | Student Teaching: Grades 4-8          | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                                 | 3            |
| TEP 407° F,S   | Student Teaching Seminar              | 1            | PHIL/RELI                  | QuEST Philosophy/Religion                                   | 3            |
|  |                                       |              | HIST 141/142               | U.S. History*   | 3            |
|  | <b>TOTAL</b>                          | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15</b>    |

\*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

More information on next page.

\*\*\*Science Concentration Electives: Need 9-12 credits of the following:

BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4)  
BIOL 170 Cell and Animal Physiology (4)  
BIOL 172 Diversity of Life and Plant Science (4)  
BIOL 189 Genetics for the Health Profession (3)  
ENVS 216 Environmental Issues and Sustainable Solutions (3)  
ENVS 315 Environmental Ethics (3)  
CHEM 103 Chemical Science (4)  
CHEM 105 General Chemistry I (4)  
CHEM 106 General Chemistry II (4)  
PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}  
PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired}  
CHEM 102 Chemistry for Living (3)  
or GEOL 201 Foundations of Geology (4)  
SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, BIOL 106 Life Sciences, PHSC 102 Physical Sciences\*, QuEST Mathematical Sciences, QuEST Philosophy/Religion, QuEST Language, QuEST Arts

**Education with Teaching Certification in Grades 4–8 (B.S.) Science and Math Concentration  
Messiah University 8-semester plan**

| Course #   | Course name                         | Credits      | Course #                   | Course name   | Credits      |
|--|-------------------------------------|--------------|----------------------------|---|--------------|
| <b>First Year – Fall</b>   |                                     |              | <b>First Year - Spring</b> |   |              |
| IDFY 101†  | First Year Seminar *                | 3            | IDCR 151                   | Created and Called for Community*(W)                        | 3            |
| Varies   | QuEST Language (1/3)*               | 3            | Varies                     | QuEST Language (2/3)*                                       | 3            |
| BIOL 106 F,S   | Life Sciences                       | 3            | PHSC 102 F,S               | Physical Sciences*  | 3            |
| COMM 105†  | Fundamentals of Oral Communication* | 3            | CIS/MATH/STAT              | QuEST Mathematical Sciences                                 | 3            |
| MATH 111†  | Calculus I                          | 4            | ENGL 160† F,S              | World Literature*   | 3            |
|  |                                     |              | WELL xxx                   | Wellness  | 1            |
|  | <b>TOTAL</b>                        | <b>16</b>    |                            | <b>TOTAL</b>  | <b>16</b>    |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |                                     |              |                            |   |              |
| <b>Sophomore –Fall</b>   |                                     |              | <b>Sophomore – Spring</b>  |   |              |
| Varies   | QuEST Language/Cross Cult (3/3)*    | 3            | EDSP 207° F,S              | Intro to Special Education                                  | 3            |
| EDUC 209 F,S   | Principles & Structures of Math C1  | 3            | EDUC 203° F,S              | Educational Psychology                                      | 3            |
| Varies   | Science Concentration Elective      | 3-4          | TEP 210° F,S               | Sophomore Field Experience                                  | 0            |
| GEOL 201/L   | Foundations of Geology              | 4            | CHEM 102/102L              | Chemistry for Living – (IF GEOL not taken in Fall semester) | 3            |
| EDUC 205   | Cultural & Political Geography      | 3            | BIBL 20x                   | Encountering the Bible*                                     | 3            |
|  |                                     |              | EDUC 208                   | Teaching English Language Learners                          | 3            |
|  |                                     |              | Varies                     | Science Concentration Elective                              | 3-4          |
|  | <b>TOTAL</b>                        | <b>16-17</b> |                            | <b>TOTAL</b>  | <b>18</b>    |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |                                     |              |                            |   |              |
| <b>Junior – Fall</b>   |                                     |              | <b>Junior – Spring</b>     |   |              |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.    | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II               | 3            |
| EDSP 307° F  | Inclusion Practices                 | 3            | EDUC 304° S                | Math Climate, Curriculum & Instr Intermed                   | 3            |
| STAT 269/291   | Statistics                          | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & Instr                  | 3            |
| EDUC 305° F  | Middle Level Methods                | 3            | MATH 307°                  | Secondary Mathematic Instruction                            | 2            |
| TEP 316° F   | Field Experience II in Grades 6-8   | 0            | TEP 318° S                 | Field Experience III in Grades 4-5                          | 0            |
| HDFS 311 F,S   | Adolescent Development              | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                   | 3            |
| Varies   | Science Concentration Elective      | 3            | EDUC 226 S                 | Children's Literature                                       | 3            |
|  | <b>TOTAL</b>                        | <b>18</b>    |                            | <b>TOTAL</b>  | <b>17</b>    |
| <b>Professional Semester application due by 11/1 to B414.</b>                                      |                                     |              |                            |   |              |
| <b>Senior – Fall</b>   |                                     |              | <b>Senior – Spring</b>     |   |              |
|  | <u>Professional Semester</u>        |              | EDUC 346                   | Socio-Cult. Perspective on Educ                             | 3            |
| EDUC 420° F,S  | Professional Issues in Education    | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                    | 3            |
| TEP 433° F,S   | Student Teaching: Grades 4-8        | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                                 | 3            |
| TEP 407° F,S   | Student Teaching Seminar            | 1            | Varies                     | MATH 112 or STAT 292  | 3-4          |
|  |                                     |              | HIST 141/142               | U.S. History*   | 3            |
|  | <b>TOTAL</b>                        | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15-16</b> |

\*QuEST requirement

F=Fall, S=Spring; (w) Writing in the major course  
 ° Courses to be taken concurrently/3 clearances required  
 † Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:  
 Math (6 credits): EDUC 209, CIS/MATH/STAT  
 English (6 credits): IDFY 101, ENGL 160 (W)

See next page for more information

\*\*\*Science Concentration Electives: 9-12 credits of the following: *Nine to twelve credits from the following:*

- BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4)
- BIOL 170 Cell and Animal Physiology (4)
- BIOL 172 Diversity of Life and Plant Science (4)
- SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3)
- ENVS 216 Environmental Issues and Sustainable Solutions (3)
- ENVS 315 Environmental Ethics
- CHEM 102 Chemistry for Living (3) or GEOL 201 Foundations of Geology (4)
- CHEM 103 Chemical Science (4)
- CHEM 105 General Chemistry I (4)
- CHEM 106 General Chemistry II (4)
- PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}
- PHYS 211 General Physics I (4) {and PHYS 212 General Physics II (4) or PHYS 202 if second PHYS course desired}

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

- QuEST Mathematical Sciences, BIOL 106, PHSC 102, CHEM 102/105, QuEST Bible, QuEST U.S.HIST 141/142; COMM 105; QuEST Language
- QuEST Arts; EDUC 226

**Education with Teaching Certification in Grades 4–8 (B.S.) Science and Social Studies  
Concentration  
Messiah University 8-semester plan**

| Course #   | Course name  | Credits      | Course #                   | Course name   | Credits      |
|--|--|--------------|----------------------------|---|--------------|
| <b>First Year – Fall</b>   |  |              | <b>First Year - Spring</b> |   |              |
| IDFY 101†  | First Year Seminar *   | 3            | IDCR 151                   | Created and Called for Community*(W)                      | 3            |
| Varies   | QuEST Language (1/3)*  | 3            | Varies                     | QuEST Language (2/3)*                                     | 3            |
| BIOL 106 F,S   | Life Sciences  | 3            | PHSC 102 F,S               | Physical Sciences*  | 3            |
| COMM 105†  | Fundamentals of Oral Communication**   | 3            | Varies                     | QuEST Mathematical Sciences                               | 3            |
| MATH 1xx†  | MATH 101 or 102 or 108 or 111  | 3-4          | ENGL 1xx †                 | ENGL 122-176 QuEST Literature                             | 3            |
|  |  |              | HIST 142                   | U.S. History  | 3            |
|  | <b>TOTAL</b>   | <b>15-16</b> |                            | <b>TOTAL</b>  | <b>18</b>    |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |              |                            |   |              |
| <b>Sophomore –Fall</b>   |  |              | <b>Sophomore – Spring</b>  |   |              |
| EDUC 208   | Teaching English Language Learners   | 3            | EDSP 207° F,S              | Intro to Special Education                                | 3            |
| Varies   | QuEST Language/Cross Cult (3/3)*   | 3            | EDUC 203° F,S              | Educational Psychology                                    | 3            |
| EDUC 209 F,S   | Principles & Structures of Math  | 3            | TEP 210° F,S               | Sophomore Field Experience                                | 0            |
| HIST 141   | U.S. History*  | 3            | Varies                     | Science Concentration Elective                            | 3-4          |
| GEOL 201/L   | Foundations of Geology   | 4            | EDUC 205 F,S               | Cultural & Political Geography                            | 3            |
|  |  |              | EDUC 226 S                 | Children’s Literature                                     | 3            |
|  |  |              | CHEM 102/L                 | Chemistry for Living (if GEOL not taken in Fall semester) | 3            |
|  | <b>TOTAL</b>   | <b>16</b>    |                            | <b>TOTAL</b>  | <b>15-16</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |  |              |                            |   |              |
| <b>Junior – Fall</b>   |  |              | <b>Junior – Spring</b>     |   |              |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.   | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II             | 3            |
| EDSP 307° F  | Inclusion Practices  | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruct Intm                  | 3            |
| Varies   | Science Concentration Elective   | 3            | EDUC 342° S                | Social Studies: Climate Curricul & Instruct               | 3            |
| EDUC 305° F  | Middle Level Methods   | 3            | WELL xxx                   | Wellness*   | 1            |
| TEP 316° F   | Field Experience II in Grades 6-8  | 0            | TEP 318° S                 | Field Experience III in Grades 4-5                        | 0            |
| HDFS 311 F,S   | Adolescent Development   | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                 | 3            |
| Varies   | At least 3 credits from the following: HIST 202 and HIST 203, ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274 | 3            | BIBL 2xx                   | Encountering the Bible*                                   | 3            |
|  | <b>TOTAL</b>   | <b>18</b>    |                            | <b>TOTAL</b>  | <b>16</b>    |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |  |              |                            |   |              |
| <b>Senior – Fall</b>   |  |              | <b>Senior – Spring</b>     |   |              |
|  | <u>Professional Semester</u>   |              | EDUC 346                   | Socio-Cult. Perspective on Educ                           | 3            |
| EDUC 420° F,S  | Professional Issues in Education   | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                  | 3            |
| TEP 433° F,S   | Student Teaching: Grades 4-8   | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                               | 3            |
| TEP 407° F,S   | Student Teaching Seminar   | 1            | HIST 3XX                   | History (Non-Western)                                     | 3            |
|  |  |              | Varies                     | Science Concentration elective                            | 3-4          |
|  | <b>TOTAL</b>   | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15-16</b> |

\*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT  
English (6 credits): IDFY 101, ENGL 160 (W)

See next page for more information:

\*\*\*Science Concentration Electives: 9-11 credits of the following:

- BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4)
- BIOL 170 Cell and Animal Physiology (4)
- BIOL 172 Diversity of Life and Plant Science (4)
- BIOL 189 Genetics for Health Professions (3)
- SUST 140 Introduction to Ecology and Sustainability (3) or BIOL 117 Field Biology (3)
- ENVS 216 Environmental Issues and Sustainable Solutions (3)
- ENVS 315 Environmental Ethics
- CHEM 102 Chemistry for Living (3) OR GEOL 201 Foundations of Geology (4)
- CHEM 103 Chemical Science (4)
- CHEM 105 General Chemistry I (4)
- CHEM 106 General Chemistry II (4)
- GEOL 201 Foundations of Geology (4)
- PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}
- PHYS 211 General Physics I (4) {and PHYS 212 General Physics (4) or PHYS 202 if second PHYS course desired}

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts



**Education with Teaching Certification in Grades 4–8 (B.S.) Science Concentration  
Messiah University 8-semester plan**

| Course #   | Course name                         | Credits      | Course #                   | Course name   | Credits      |
|--|-------------------------------------|--------------|----------------------------|---|--------------|
| <b>First Year – Fall</b>   |                                     |              | <b>First Year - Spring</b> |   |              |
| IDFY 101†  | First Year Seminar*                 | 3            | IDCR 151                   | Created and Called for Community*(W)                      | 3            |
| Varies   | QuEST Language (1/3)*               | 3            | Varies                     | QuEST Language (2/3)*                                     | 3            |
| BIOL 106 F,S   | Life Sciences                       | 3            | PHSC 102 F,S               | Foundations of Physical Science*                          | 3            |
| COMM 105†  | Fundamentals of Oral Communication* | 3            | Varies                     | QuEST Mathematical Sciences                               | 3-4          |
| MATH 1xx†  | MATH 101/ 102/108//111              | 3-4          | Varies                     | Science Concentration Elective                            | 3-4          |
|  |                                     |              | WELL 1xx                   | Wellness*   | 1            |
|  | <b>TOTAL</b>                        | <b>15-16</b> |                            | <b>TOTAL</b>  | <b>16-18</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |                                     |              |                            |   |              |
| <b>Sophomore –Fall</b>   |                                     |              | <b>Sophomore – Spring</b>  |   |              |
| Varies   | QuEST Language/Cross Cult (3/3)*    | 3            | EDSP 207° F,S              | Intro to Special Education                                | 3            |
| EDUC 209 F,S   | Principles & Structures of Math     | 3            | EDUC 203° F,S              | Educational Psychology                                    | 3            |
| GEOL 201/L   | Foundations of Geology              | 4            | TEP 210° F,S               | Sophomore Field Experience                                | 0            |
| Varies   | Science Concentration Elective      | 3-4          | CHEM 102/102L              | Chemistry for Living (if GEOL not taken in Fall semester) | 3            |
| ENGL 160† F,S  | World Literature*                   | 3            | EDUC 205 F,S               | Cultural & Political Geography                            | 3            |
|  |                                     |              | EDUC 208                   | Teaching English Language Learners                        | 3            |
|  |                                     |              | Varies                     | Science Concentration Elective                            | 3-4          |
|  |                                     |              | BIBL 20X                   | Encountering the Bible*                                   | 3            |
|  | <b>TOTAL</b>                        | <b>16-17</b> |                            | <b>TOTAL</b>  | <b>18</b>    |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |                                     |              |                            |   |              |
| <b>Junior – Fall</b>   |                                     |              | <b>Junior – Spring</b>     |   |              |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.    | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II             | 3            |
| EDSP 307° F  | Inclusion Practices                 | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruction Intm               | 3            |
| Varies   | Science Concentration Elective      | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & Instruct             | 3            |
| EDUC 305° F  | Middle Level Methods                | 3            | EDUC 226 S                 | Children’s Literature                                     | 3            |
| TEP 316° F   | Field Experience II in gr. 6-8      | 0            | TEP 318° S                 | Field Experience III in gr. 4-5                           | 0            |
| HDFS 311 F,S   | Adolescent Development              | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                 | 3            |
| Varies   | Science Concentration Elective      | 3            |                            |   |              |
|  | <b>TOTAL</b>                        | <b>18</b>    |                            | <b>TOTAL</b>  | <b>15</b>    |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |                                     |              |                            |   |              |
| <b>Senior – Fall</b>   |                                     |              | <b>Senior – Spring</b>     |   |              |
|  | <b>Professional Semester</b>        |              | EDUC 346                   | Socio-Cult. Perspective on Educ                           | 3            |
| EDUC 420° F,S  | Professional Issues in Education    | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                  | 3            |
| TEP 433° F,S   | Student Teaching: Grades 4-8        | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                               | 3            |
| TEP 407° F,S   | Student Teaching Seminar            | 1            | HIST 141/142               | U.S. History*   | 3            |
|  |                                     |              | Varies                     | Science Concentration Elective                            | 3-4          |
|  | <b>TOTAL</b>                        | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15-16</b> |

\*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required

(w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses:

COMM 105, CIS 171, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts

More information on next page.

\*\*\*Science Concentration Electives: Need 18 credits of the following:

BIOL 158 Human Biology (4) or BIOL 185 Human Anatomy & Physiology I (4)

BIOL 170 Cell and Animal Physiology (4)

BIOL 172 Diversity of Life and Plant Science (4)

BIOL 189 Genetics for Health Professions (3)

SUST 140 Introduction to Ecology and Sustainability (3)

Or BIOL 117 Field Biology (3)

ENVS 216 Environmental Issues and Sustainable Solutions (3)

ENVS 315 Environmental Ethics

CHEM 102 Chemistry for Living (3) OR GEOL 201 Foundations of Geology (4)

CHEM 103 Chemical Science (4)

CHEM 105 General Chemistry I (4)

CHEM 106 General Chemistry II (4)

GEOL 201 Foundations of Geology (4)

PHYS 201 Introductory Physics I (4) {and PHYS 202 Introductory Physics II (4) if second PHYS course desired}

PHYS 211 General Physics I (4) {and PHYS 212 General Physics (4) or PHYS 202 if second PHYS course desired}

**Education with Teaching Certification in Grades 4–8 (B.S.) Social Studies Concentration  
Messiah University 8-semester plan**

| Course #   | Course name  | Credits      | Course #                   | Course name   | Credits   |
|--|--|--------------|----------------------------|---|-----------|
| <b>First Year – Fall</b>   |  |              | <b>First Year - Spring</b> |   |           |
| IDFY 101†  | First Year Seminar* *  | 3            | IDCR 151                   | Created and Called for Community*(W)                      | 3         |
| Varies   | QuEST Language (1/3) *   | 3            | Varies                     | QuEST Language (2/3)*                                     | 3         |
| BIOL 106 F,S   | Life Sciences *  | 3            | PHSC 102 F,S               | Physical Sciences*  | 3         |
| COMM 105†  | Fundamentals of Oral Communication*  | 3            | CIS/MATH/STAT              | QuEST Mathematical Sciences                               | 3         |
| MATH 1xx†  | MATH 101 or 102 or 108 or 111  | 3-4          | ENGL 122-176†              | Literature Elective                                       | 3         |
|  |  |              | HIST 142                   | U.S. History*   | 3         |
|  | <b>TOTAL</b>   | <b>15-16</b> |                            | <b>TOTAL</b>  | <b>18</b> |
| <b>Submit the three required security clearances (FBI, Child Abuse, Criminal) by 3/31 to B414.</b> |  |              |                            |   |           |
| <b>Sophomore –Fall</b>   |  |              | <b>Sophomore – Spring</b>  |   |           |
| Varies   | QuEST Language/Cross Cult (3/3)*   | 3            | EDSP 207° F,S              | Intro to Special Education                                | 3         |
| EDUC 209 F,S   | Principles & Structures of Math  | 3            | EDUC 203° F,S              | Educational Psychology                                    | 3         |
| WELL xxx   | Wellness   | 1            | TEP 210° F,S               | Sophomore Field Experience                                | 0         |
| EDUC 208   | Teaching English Language Learners   | 3            | CHEM 102/102L              | Chemistry for Living (if GEOL not taken in fall semester) | 3         |
| BIBL 20x   | Encountering the Bible*  | 3            | HIST 141                   | U.S. History*   | 3         |
| GEOL 201/L   | Foundations of Geology   | 4            | HIST 3XX                   | History (Non-western)*                                    | 3         |
|  |  |              | EDUC 205 F,S               | Cultural & Political Geography                            | 3         |
|  | <b>TOTAL</b>   | <b>17</b>    |                            | <b>TOTAL</b>  | <b>18</b> |
| <b>Submit Teacher Education Program app by 3/31 to B414.</b>                                       |  |              |                            |   |           |
| <b>Junior – Fall</b>   |  |              | <b>Junior – Spring</b>     |   |           |
| EDUC 331° F  | Inst. Design & Assess Mid & Sec.   | 3            | EDUC 302° S                | Literacy Climate, Curriculum & Instruction II             | 3         |
| EDSP 307° F  | Inclusion Practices  | 3            | EDUC 304° S                | Math Climate, Curriculum & Instruction Intm               | 3         |
| Varies   | At least 3 credits from the following: HIST 202 and HIST 203, ARCG 208, HIST 205, 206, 210, 212, 240, 248, 256, 273, 274 | 3            | EDUC 342° S                | Social Studies: Climate Curriculum & Instruction          | 3         |
| EDUC 305° F  | Middle Level Methods   | 3            | EDUC 226 S                 | Children's Literature                                     | 3         |
| TEP 316° F   | Field Experience II in Grades 6-8  | 0            | TEP 318° S                 | Field Experience III in Grades 4-5                        | 0         |
| HDFS 311 F,S   | Adolescent Development   | 3            | EDUC 347° S                | Science: Climate Curriculum & Instruction                 | 3         |
|  |  |              | POLI 113                   | American Government                                       | 3         |
|  | <b>TOTAL</b>   | <b>15</b>    |                            | <b>TOTAL</b>  | <b>18</b> |
| <b>Submit Professional Semester application by 11/1 to B414.</b>                                   |  |              |                            |   |           |
| <b>Senior – Fall</b>   |  |              | <b>Senior – Spring</b>     |   |           |
|  | <b>Professional Semester</b>   |              | EDUC 346                   | Socio-Cult. Perspective on Educ                           | 3         |
| EDUC 420° F,S  | Professional Issues in Education   | 2            | THEO 2xx                   | QuEST Christian Beliefs*                                  | 3         |
| TEP 433° F,S   | Student Teaching: Grades 4-8   | 9            | Varies                     | QuEST Arts (ART/MUSI/THEA)*                               | 3         |
| TEP 407° F,S   | Student Teaching Seminar   | 1            | HIST 271/272               | World History   | 3         |
|  |  |              | ECON 110                   | Economics   | 3         |
|  | <b>TOTAL</b>   | <b>12</b>    |                            | <b>TOTAL</b>  | <b>15</b> |

\*QuEST requirement

F=Fall, S=Spring; compiled 3/8/11

° Courses to be taken concurrently/3 clearances required (w) Writing enriched course

† Indicates a requirement for admission to the TEP.

Chapter 354 Requirements:

Math (6 credits): EDUC 209, CIS/MATH/STAT

English (6 credits): IDFY 101, ENGL 160 (W)

**Study Abroad possibilities:** fall-sophomore year, spring-sophomore year, semester without student teaching-senior year. A semester abroad requires careful planning with your advisor, starting in your first year at Messiah. The following courses may be fulfilled with study abroad courses: COMM 105, QuEST Mathematical Sciences, QuEST Language, BIOL 106, PHSC 102, EDUC 226, QuEST U.S. HIST 141, QuEST Arts