Bachelor of Science in Education: Secondary Education (9-12) Course Lists

Biology

(Residential)

I. **General Education Requirements: 39 Hours**

1. **Chapel**
   I. HLG 010 Chapel (in-seat only; 0 credits)
2. **Bible**
   I. Bible BIB 113 Old Testament Survey (3 credits) or BIB 123 New Testament Survey (3 credits)
   II. BIB 153 Biblical Worldview (3 credits)
   Students may take BIB 132 & BIB 133 (Land of the Bible I & II) as a substitute for either BIB 113 or BIB 123.
3. **Written & Public Communication**
   I. ENG 104 English Composition I (3 credits)
   II. ENG 106 English Composition II (3 credits)
   III. CAS 101 Introduction to Public Speaking (3 credits)
   Academic advisors will use the composition course placement policy to ensure enrollment in the appropriate course. (See Composition Placement Policy in Academic Section.)
4. **Fine Arts and Humanities**
   I. Select three credit hours from LIT (3 credits)
   II. Select six credit hours from HST and/or PLS (6 credits)
   III. Select three credit hours from ART, MUS, or THR (3 credits)
   IV. Natural Sciences Life & Non-Life Science Courses (7 credits)
   Students must take at least one course from each of two science areas: one in the life sciences (for example: biology, ecology) and one in non-life science (for example: chemistry, physics, earth science); at least one of these courses must be a lab course. Transfer students with six credit hours of science with no lab should contact the Chair of the Natural Science Department.
5. **Mathematics** Select appropriate mathematics course (3 credits)

I. *For BAS programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. For BS or BA programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. Several mathematics-intensive majors require the completion of MTH 143 or higher to complete this requirement. MTH 127, and MTH 131 cannot be used as a prerequisite to any other mathematics course. Academic advisors will use the mathematics placement policy to ensure enrollment in the appropriate course. (See Mathematics Placement Policy in Academic Section.)*

6. **Physical Education**
   I. PHE 110 Health & Fitness for Life (1 credit)
   II. PHE/VAR Activity Courses (1 credit)
   One-credit-hour PHE or VAR courses designated as an activity course in the course description fulfill this requirement. (EXS and SRM courses do not fulfill this requirement.)

II. Support Requirements Credits: 5 Hours

I. MTH 153 Precalculus (5 credits)

III. Professional Education Requirements Credits: 44 Hours

I. EDU 100 Field Experience I (.5 credits)
II. EDU 200 Field Experience II (.5 credits)
III. EDU 203 Curriculum & Instruction (3 credits)
IV. EDU 213 Literacy for Diverse Learners (3 credits)
V. EDU 223 Psychology of Learning (3 credits)
VI. EDU 273 Psych. & Education of the Exceptional Child (3 credits)
VII. PSY 263 Child & Adolescent Psychology (3 credits)

Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

I. EDU 301 Content Area Field Experience (1 credit)
II. EDU 383 Assessment and Evaluation in Education (3 credits)
III. SED 336 Reading & Writing in the Content Area (3 credits)
IV. EDU 403 Classroom Management w/ Char. Develop (3 credits)
V. SED 423 Secondary Ed. Methods in Content Area (3 credits)

VI. EDU 479 Student Teaching (12 credits)

IV. Content Area Education Requirements Credits: 41 Hours

I. BIO 234 General Biology I (4 credits)
II. BIO 244 General Biology II (4 credits)
III. BIO 314 Human Anatomy & Physiology I (4 credits)
IV. BIO 324 Human Anatomy & Physiology II (4 credits)
V. BIO 333 General Ecology (3 credits)
VI. BIO 344 Microbiology (4 credits)
VII. BIO 354 General Genetics (4 credits)
VIII. BIO 423 Principles of Cell Biology (3 credits)
IX. CHM 135 Chemistry I (4 credits)
X. CHM 145 Chemistry II (4 credits)
XI. PHS 103 Survey of Physical Science (4 credits)
XII. PHY 214 General Physics (4 credits)
XIII. SCI 303 History & Philosophy of Science (3 credits)

IV. Electives: As Needed

I. Graduation requires a minimum of 124 credit hours and a minimum of 40 upper-level credit hours. Only eight credit hours of activity courses may be applied to these minimums

Total Hours: 124 hours

English

(Residential)

I. General Education Requirements: 39 Hours

1. Chapel

I. HLG 010 Chapel (in-seat only; 0 credits)

2. Bible

I. Bible BIB 113 Old Testament Survey (3 credits) or BIB 123 New Testament Survey (3 credits)

II. BIB 153 Biblical Worldview (3 credits)

Students may take BIB 132 & BIB 133 (Land of the Bible I & II) as a substitute for either BIB 113 or BIB 123.

3. Written & Public Communication

I. ENG 104 English Composition I (3 credits)

II. ENG 106 English Composition II (3 credits)

III. CAS 101 Introduction to Public Speaking (3 credits)

Academic advisors will use the composition course placement policy to ensure enrollment in the appropriate course. (See Composition Placement Policy in Academic Section.)

4. Fine Arts and Humanities

I. Select three credit hours from LIT (3 credits)

II. Select six credit hours from HST and/or PLS (6 credits)

III. Select three credit hours from ART, MUS, or THR (3 credits)

IV. Natural Sciences Life & Non-Life Science Courses (7 credits)

Students must take at least one course from each of two science areas: one in the life sciences (for example: biology, ecology) and one in non-life science (for example: chemistry, physics, earth science); at least one of these courses must be a lab course. Transfer students with six credit hours of science with no lab should contact the Chair of the Natural Science Department.

5. Mathematics

Select appropriate mathematics course (3 credits)

I. *For BAS programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. For BS or BA programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. Several mathematics-intensive majors require the completion of MTH 143 or higher to complete this requirement. MTH 127, and MTH 131 cannot be used as a prerequisite to any other mathematics course. Academic advisors will use the mathematics placement policy to ensure enrollment in the appropriate course. (See Mathematics Placement Policy in Academic Section.)*

6. **Physical Education**
   I. PHE 110 Health & Fitness for Life (1 credit)
   II. PHE/VAR Activity Courses (1 credit)
   One-credit-hour PHE or VAR courses designated as an activity course in the course description fulfill this requirement. (EXS and SRM courses do not fulfill this requirement.)

II. Professional Education Requirements: 41 Hours

I. EDU 100 Field Experience I (.5 credit)
II. EDU 200 Field Experience II (.5 credit)
III. EDU 203 Curriculum & Instruction (3 credits)
IV. EDU 213 Literacy for Diverse Learners (3 credits)
V. EDU 223 Psychology of Learning (3 credits)
VI. EDU 273 Psych. & Education of the Exceptional Child (3 credits)
VII. PSY 263 Child & Adolescent Psychology (3 credits)

Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

I. EDU 301 Content Area Field Experience ..... Credits: 1
II. EDU 383 Assessment and Evaluation in Education (3 credits)
III. SED 336 Reading & Writing in the Content Area (3 credits)
IV. EDU 403 Classroom Management w/ Char. Develop (3 credits)
V. SED 423 Secondary Ed. Methods in Content Area..... Credits: 3
VI. EDU 479 Student Teaching (12 credits)

III. Content Area Education Requirements Credits: 37 Hours

I. ENG 313 Creative Writing (3 credits)
II. ENG 363 Composition Theory & Practice (3 credits)
III. ENG 413 Structure of the English Language (3 credits)
IV. ENG 423 History of the English Language (3 credits)
V. ENG 481 Senior Portfolio (1 credit)
VI. LIT 233 American Literature (3 credits)
VII. LIT 243 British Literature (3 credits)
VIII. LIT 253 Western Literature I (3 credits) or LIT 263 Western Literature II (3 credits)
IX. LIT 333 Shakespeare (3 credits)
X. LIT 320 Literature & Biblical Worldview (3 credits)
XI. LIT 373 Writings of C.S. Lewis and Tolkien (3 credits)
XII. LIT 436 American Short Fiction (3 credits)
XIII. LIT 303 Mythology in World Literature (3 credits)

IV. Electives: As Needed

I. Graduation requires a minimum of 124 credit hours and a minimum of 40 upper-level credit hours. Only eight credit hours of activity courses may be applied to these minimums

Total Hours: 124 hours

Mathematics

(Residential)

I. General Education Requirements: 39 Hours

1. Chapel

I. HLG 010 Chapel (in-seat only; 0 credits)

2. Bible

I. Bible BIB 113 Old Testament Survey (3 credits) or BIB 123 New Testament Survey (3 credits)

II. BIB 153 Biblical Worldview (3 credits)

Students may take BIB 132 & BIB 133 (Land of the Bible I & II) as a substitute for either BIB 113 or BIB 123.

3. Written & Public Communication

I. ENG 104 English Composition I (3 credits)

II. ENG 106 English Composition II (3 credits)

III. CAS 101 Introduction to Public Speaking (3 credits)

Academic advisors will use the composition course placement policy to ensure enrollment in the appropriate course. (See Composition Placement Policy in Academic Section.)

4. Fine Arts and Humanities

I. Select three credit hours from LIT (3 credits)

II. Select six credit hours from HST and/or PLS (6 credits)

III. Select three credit hours from ART, MUS, or THR (3 credits)

IV. Natural Sciences Life & Non-Life Science Courses (7 credits)

Students must take at least one course from each of two science areas: one in the life sciences (for example: biology, ecology) and one in non-life science (for example: chemistry, physics, earth science); at least one of these courses must be a lab course. Transfer students with six credit hours of science with no lab should contact the Chair of the Natural Science Department.

5. Mathematics Select appropriate mathematics course (3 credits)

I. *For BAS programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. For BS or BA programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. Several mathematics-intensive majors require the completion of MTH 143 or higher to complete this requirement. MTH 127, and MTH 131 cannot be used as a prerequisite to any other mathematics course. Academic advisors will use the mathematics placement policy to ensure enrollment in the appropriate course. (See Mathematics Placement Policy in Academic Section.)*

6. **Physical Education**
   I. PHE 110 Health & Fitness for Life (1 credit)
   II. PHE/VAR Activity Courses (1 credit)
   One-credit-hour PHE or VAR courses designated as an activity course in the course description fulfill this requirement. (EXS and SRM courses do not fulfill this requirement.)

II. Professional Education Requirements: 41 Hours

I. EDU 100 Field Experience I (.5 credits)
II. EDU 200 Field Experience II (.5 credits)
III. EDU 203 Curriculum & Instruction (3 credits)
IV. EDU 213 Literacy for Diverse Learners (3 credits)
V. EDU 223 Psychology of Learning (3 credits)
VI. EDU 273 Psych. & Education of the Exceptional Child (3 credits)
VII. PSY 263 Child & Adolescent Psychology (3 credits)

Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

I. EDU 301 Content Area Field Experience (1 credit)
II. EDU 383 Assessment and Evaluation in Education (3 credits)
III. SED 336 Reading & Writing in the Content Area (3 credits)
IV. EDU 403 Classroom Management w/ Char. Develop (3 credits)
V. SED 423 Secondary Ed. Methods in Content Area (3 credits)
VI. EDU 479 Student Teaching (12 credits)

III. Content Area Education Requirements Credits: 37 Hours

I. CSC 203 Programming Logic & Design (3 credits)
II. MTH 127 Elem. Statistics or MTH 483 Probability and Statistics (3 credits)
III. MTH 185 Analytic Geometry & Calculus I (5 credits)
IV. MTH 186 Calculus II (4 credits)
V. MTH 210 Discrete Mathematics (3 credits)
VI. MTH 215 Calculus III (4 credits)
VII. MTH 223 Differential Equations (3 credits)
VIII. MTH 343 Modern Geometry (3 credits)
IX. MTH 353 Modern Abstract Algebra (3 credits)
X. MTH 354 Linear Algebra (3 credits)
XI. MTH 413 History of Mathematics (3 credits)

IV. Electives: As Needed

I. Graduation requires a minimum of 124 credit hours and a minimum of 40 upper-level credit hours. Only eight credit hours of activity courses may be applied to these minimums

Total Hours: 124 hours

Social Science

(Residential)

I. **General Education Requirements: 39 Hours**

1. **Chapel**
   I. HLG 010 Chapel (in-seat only; 0 credits)
2. **Bible**
   I. Bible BIB 113 Old Testament Survey (3 credits) or BIB 123 New Testament Survey (3 credits)
   II. BIB 153 Biblical Worldview (3 credits)
   Students may take BIB 132 & BIB 133 (Land of the Bible I & II) as a substitute for either BIB 113 or BIB 123.
3. **Written & Public Communication**
   I. ENG 104 English Composition I (3 credits)
   II. ENG 106 English Composition II (3 credits)
   III. CAS 101 Introduction to Public Speaking (3 credits)
   Academic advisors will use the composition course placement policy to ensure enrollment in the appropriate course. (See Composition Placement Policy in Academic Section.)
4. **Fine Arts and Humanities**
   I. Select three credit hours from LIT (3 credits)
   II. Select six credit hours from HST and/or PLS (6 credits)
   III. Select three credit hours from ART, MUS, or THR (3 credits)
   IV. Natural Sciences Life & Non-Life Science Courses (7 credits)
   Students must take at least one course from each of two science areas: one in the life sciences (for example: biology, ecology) and one in non-life science (for example: chemistry, physics, earth science); at least one of these courses must be a lab course. Transfer students with six credit hours of science with no lab should contact the Chair of the Natural Science Department.
5. **Mathematics** Select appropriate mathematics course (3 credits)

I. *For BAS programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. For BS or BA programs, only MTH 127, MTH 131, 143, 153, or 185 will meet this requirement. Several mathematics-intensive majors require the completion of MTH 143 or higher to complete this requirement. MTH 127, and MTH 131 cannot be used as a prerequisite to any other mathematics course. Academic advisors will use the mathematics placement policy to ensure enrollment in the appropriate course. (See Mathematics Placement Policy in Academic Section.)*

6. **Physical Education**
   I. PHE 110 Health & Fitness for Life (1 credit)
   II. PHE/VAR Activity Courses (1 credit)
   One-credit-hour PHE or VAR courses designated as an activity course in the course description fulfill this requirement. (EXS and SRM courses do not fulfill this requirement.)

II. Professional Education Requirements: 42 Hours

I. EDU 100 Field Experience I (.5 credits)
II. EDU 200 Field Experience II (.5 credits)
III. EDU 203 Curriculum & Instruction (3 credits)
IV. EDU 213 Literacy for Diverse Learners (3 credits)
V. EDU 223 Psychology of Learning (3 credits)
VI. EDU 273 Psych. & Education of the Exceptional Child (3 credits)
VII. PSY 263 Child & Adolescent Psychology (3 credits)

Admission to the Teacher Education Program is a prerequisite for taking 300-level and 400-level courses.

I. EDU 301 Content Area Field Experience (1 credit)
II. EDU 383 Assessment and Evaluation in Education (3 credits)
III. SED 336 Reading & Writing in the Content Area (3 credits)
IV. EDU 403 Classroom Management w/ Char. Develop (3 credits)
V. SED 423 Secondary Ed. Methods in Content Area (3 credits)
VI. EDU 479 Student Teaching (12 credits)

II. Content Area Education Requirements: 39 Hours

I. ECO 213 or 223 Macroeconomics or Microeconomics (3 credits)
II. GEO 103 World Geography (3 credits)
III. SOC 113 Introduction to Sociology (3 credits)
IV. PSY 113 General Psychology (3 credits)
V. HST 213 United States History I (3 credits)
VI. HST 223 United States History II (3 credits)
VII. HST 315/320 Ancient World or Classical World (3 credits)
VIII. HST 325 The Medieval & Early Modern World (3 credits)
IX. HST 330 The Modern World (3 credits)
X. HST 335 Topics in U.S. History (3 credits)
XI. HST 410 Topics in U.S. Religious History (3 credits)
XII. PLS 113 Introduction to Government (3 credits)
XIII. PLS 420 Topics in U.S. Political History (3 credits)

III. Electives: As Needed

I. Graduation requires a minimum of 124 credit hours and a minimum of 40 upper-level credit hours. Only eight credit hours of activity courses may be applied to these minimums

Total Hours: 124 hours