

B.A. in K-6 Elementary Education, Science Middle Level Endorsement 2018-2019: Option 1 - CWILT

| First Year | | | | | |
|--|----------------|---|----------------|--|----------------|
| Fall | Credits | Interim | Credits | Spring | Credits |
| NAS 101D Science Concepts - Life Science | 2 | GES 125 Introduction to the Creative Arts | 4 | MAT 201M*3 Mathematics for Elementary Education 1 | 3 |
| NAS 104D Science Concepts - Physics | 2 | | | NAS 103D Science Concepts -Chemistry | 2 |
| GES 160 Inquiry Seminar | 3 | | | GES 140 Introduction to Wellbeing | 3 |
| GES 130 Christianity Western Culture | 4 | | | Second Language (S) Course*1 | 4 |
| Leisure and Lifetime Sports (Q) Course | 1 | | | BIB 101 Introduction to the Bible | 3 |
| | 12 | | 4 | | 15 |
| Second Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| EDU 200 Introduction to Education | 3 | World Cultures (U) course*4 | 3 | Block 1 (must be taken concurrently) | |
| EDU 201 Introduction to Education Field Experience | 1 | | | EDU 271 Education Psychology and Pedagogy | 2 |
| GEL 168 & GEL 168D (fall only)*2 Geology and Geology Lab | 4 | | | EDU 272 Language and Literacy Development for Young Learners (K-3) | 5 |
| MAT 202 Mathematics for Elementary Education 2 | 3 | | | EDU 273 Primary Grade Practicum | 1 |
| Contemporary Western Life and Thought (L) Course (NAS300 Applied Concepts in STEM optional) | 3 | | | EDU 274 Education Technology | 1 |
| | | | | EDU 275 Kindergarten Education | 1 |
| | | | | PHY 102 & PHY 102D (spring only) Physics of Everyday Life and Physics of Everyday Life-Lab | 4 |
| | | | | (NAS400 Applied Research in STEM optional) | |
| | 14 | | 3 | | 14 |
| Third Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| EDU 317GZ Educational Equity | 3 | Science, Technology, and Society (K) course | 3 | Block 2 (must be taken concurrently) | |
| CHE 101 & CHE 101D Introduction to Chemistry and Introduction to Chemistry Lab | 4 | | | EDU 370 Math Curriculum and Methods | 3 |
| THE 201 Christian Theology | 3 | | | EDU 371 Science Curriculum and Methods | 3 |
| EDU 363 Health Curriculum and Methods | 1 | | | EDU 372 Educational Psychology | 3 |
| EDU 365 Physical Education Curriculum and Methods | 1 | | | EDU 373 Reading/Language Arts Curriculum and Methods | 3 |
| EDU 366A Visual Arts Curriculum and Methods | 1 | | | EDU 374 Social Studies Curriculum and Methods: Planning | 3 |
| EDU 368A Music Curriculum and Methods | 1 | | | EDU 375 Integrating Technology in the Content Areas | 2 |
| EDU 220 Introduction to Middle Level Education | 3 | | | EDU 376 Intermediate Grade Practicum | 1 |
| | 17 | | 3 | | 18 |
| Fourth Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| EDU 320 Pedagogy and the Young Adolescent Learner | 1 | Contemporary Christian Issues (P) course | 3 | EDU 490 Student Teaching Block | 14 |
| EDU 321 Integrated Literacy in the Content Areas | 1 | | | EDU 491 Student Teaching in Middle Level | 3 |
| EDU 420 Methods in Teaching 5-12 Science | 3 | | | | |
| EDU 429 (fall only) Science Education Practicum in Grades 5-8 or 5-12 | 1 | | | | |
| PHY 112 & PHY 112D *2 Introduction to Astronomy and Introduction to Astronomy Lab | 4 | | | | |
| Interpreting Biblical Themes (J) course | 3 | | | | |
| BIO 118 & BIO 118D General Biology and General Biology Lab | 4 | | | | |
| | 17 | | 3 | | 17 |
| Total Credits 137 | | | | | |

1. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

2. GEL 168 and PHY 112 replace NAS 102D in the K-6 Elementary Education core for students in the science specialty only.

3. Approval into course may require testing or online pre-work with department approval.

4. The Education Department offers an interim trip that meets the U requirement - EDU236UZ.

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

B.A. in K-6 Elementary Education, Science Middle Level Endorsement 2018-2019: Option 2 - Humanities

| First Year | | | | | |
|---|-----------|--|----------|--|-----------|
| Fall | Credits | Interim | Credits | Spring | Credits |
| NAS 101D Science Concepts -Life Science | 2 | GES 147 Humanities II: Renaissance and Reformation | 4 | MAT 201M*2 Mathematics for Elementary Education 1 | 3 |
| NAS 104D Science Concepts - Physics | 2 | | | NAS 103D Science Concepts -Chemistry | 2 |
| GES 140 Introduction to Wellbeing | 3 | | | GES 244 Humanities III: European Enlightenment and American Culture to 1877 | 4 |
| GES 145 Humanities I: Greco-Roman through Middle Ages | 4 | | | Leisure and Lifetime Sports (Q) Course | 1 |
| BIB 101 Introduction to the Bible | 3 | | | Second Language (S) Course*1 | 4 |
| | 14 | | 4 | | 14 |
| Second Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| GEL 168 & GEL 168D (fall only)*3 Geology and Geology Lab | 4 | EDU 200 Introduction to Education | 3 | Block 1 (must be taken concurrently) | |
| MAT 202 Mathematics for Elementary Education 2 | 3 | EDU 201 Introduction to Education Field Experience | 1 | EDU 271 Education Psychology and Pedagogy | 2 |
| GES 246 Humanities IV: Modern and Contemporary Western Culture | 4 | | | EDU 272 Language and Literacy Development for Young Learners (K-3) | 5 |
| World Cultures (U) Course*4 | 3 | | | EDU 273 Primary Grade Practicum | 1 |
| (NAS300 Applied Concepts in STEM optional) | | | | EDU 274 Education Technology | 1 |
| | | | | EDU 275 Kindergarten Education | 1 |
| | | | | PHY 102 & PHY 102D (spring only) Physics of Everyday Life and Physics of Everyday Life-Lab | 4 |
| | | | | (NAS400 Applied Research in STEM optional) | |
| | 14 | | 4 | | 14 |
| Third Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| EDU 317GZ Educational Equity | 3 | Science, Technology, and Society (K) course | 3 | Block 2 (must be taken concurrently) | |
| CHE 101 & CHE 101D Introduction to Chemistry and Introduction to Chemistry Lab | 4 | | | EDU 370 Math Curriculum and Methods | 3 |
| EDU 363 Health Curriculum and Methods | 1 | | | EDU 371 Science Curriculum and Methods | 3 |
| EDU 365 Physical Education Curriculum and Methods | 1 | | | EDU 372 Educational Psychology | 3 |
| EDU 366A Visual Arts Curriculum and Methods | 1 | | | EDU 373 Reading/Language Arts Curriculum and Methods | 3 |
| EDU 368A Music Curriculum and Methods | 1 | | | EDU 374 Social Studies Curriculum and Methods: Planning | 3 |
| EDU 220 Introduction to Middle Level Education | 3 | | | EDU 375 Integrating Technology in the Content Areas | 2 |
| | | | | EDU 376 Intermediate Grade Practicum | 1 |
| | 14 | | 3 | | 18 |
| Fourth Year | | | | | |
| Fall | Credits | Interim | Credits | Spring | Credits |
| EDU 320 Pedagogy and the Young Adolescent Learner | 1 | Contemporary Christian Issues (P) course | 3 | EDU 490 Student Teaching Block | 14 |
| EDU 321 Integrated Literacy in the Content Areas | 1 | | | EDU 491 Student Teaching in Middle Level | 3 |
| EDU 420 Methods in Teaching 5-12 Science | 3 | | | | |
| EDU 429 (fall only) Science Education Practicum in Grades 5-8 or 5-12 | 1 | | | | |
| PHY 112 & PHY 112D *2 Introduction to Astronomy and Introduction to Astronomy Lab | 4 | | | | |
| Interpreting Biblical Themes (J) course | 3 | | | | |
| BIO 118 & BIO 118D General Biology and General Biology Lab | 4 | | | | |
| | 17 | | 3 | | 17 |
| Total Credits 136 | | | | | |

1. Students must complete through the second semester of a first year language course or equivalent (Check the catalog for details of this option.)

2. GEL 168 and PHY 112 replace NAS 102D in the K-6 Elementary Education core for students in the science specialty only.

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