

| YEAR - FALL (16 credits)                 |           | YEAR - SPRING (16 credits)              |           |
|--|-----------|---|-----------|
| MATH185 Number Sense and Algebra (LAX1)  | 3 credits | MATH131 Calculus (LAX1*)                | 4 credits |
| CS 120 Computer Programming              | 3 credits | MATH283 Fundamental Mathematics III     | 3 credits |
| MATH102 Success in Mathematical Sciences | 1 credit  | ENG225 Communication on a Theme (LAW2*) | 3 credits |

ENG 122

(18 credits)

|   |           |  |           |
|---|-----------|--|-----------|
|   | credits   | ECLD 340 Content Based Literacy for Equitable Access PK-12 Instruction | 3 credits |
| EDF 290 Foundations of Education                        | 3 credits | Liberal Arts Curriculum (LAS1; LAS1L*)                                 | 4 credits |
| ECLD 260 Language Acquisition in Multilingual Societies | 3 credits | ECLD 380 Intro to Linguistics for CLD Educators                        | 3 credits |

MAS 275 Education Mexican American Students OR  
WLC 390 History & Philosophy of Multilingual Education

| YEAR - FALL (14 credits)  |           |                                     |            |
|---|-----------|-------------------------------------|------------|
| MATH464 Introduction to History of Mathematics <sup>o,f</sup> OR<br>MED 449 Teaching Mathematics with Technology <sup>e,f</sup> | 3 credits | STEP 463 Secondary Student Teaching | 14 credits |
| MED 441 Methods of Teaching Mathematics <sup>f</sup>  | 3 credits |                                     |            |
| STEP 363 Clinical Experience- Secondary   | 2 credits |                                     |            |
| ET 449 Integrating Technologies into Sec Ed Pedagogy  | 3 credits |                                     |            |
| Liberal Arts Curriculum (LAS1)  | 3 credits |                                     |            |
| Application for Student Teaching  |           |                                     |            |

<sup>a</sup> Liberal Arts Core courses can be taken any semester (see Note 1 on page 2)

<sup>b</sup> You need to complete 10 credits of University-wide Electives.

<sup>c</sup> PTEP A



This program prepares students to teach mathematics, such as arithmetic, algebra, geometry, trigonometry, and mathematical analysis and application at the middle school level (grades 6-8). Graduates of this program are prepared and will be qualified for licensure to teach mathematics in grades 6-8 in the state of Colorado. The program also prepares students for graduate study in mathematics education.

| *Liberal Arts Curriculum Course Indicators |  |      |                                    |
|--|--|------|------------------------------------|
| LAA1                                       | Arts & Humanities: Arts Expression                                     | LAIS | International Studies              |
| LAA2                                       | Arts & Humanities: Literature & Humanities                             | LAMS | U.S. Multicultural Studies         |
| LAA3                                       | Arts & Humanities: Ways of Thinking                                    | LAS1 | Natural & Physical Sciences        |
| LAA4                                       | Arts & Humanities: World Languages                                     | LASL | Natural & Physical Sciences LAB    |
| LAB1                                       | Social & Behavior Sciences: Economic or Political Systems              | LAW1 | Introductory Written Communication |
| LAB2                                       | Social & Behavior Sciences: Geography                                  | LAW2 | Intermediate Written Communication |
| LAB3                                       | Social & Behavior Sciences: Human Behavior Culture or Social Framework | LAW3 | Advanced Written Communication     |
| LAH1                                       | History  | LAX1 | Mathematics                        |