Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CMST 101</td>
<td>Fundamentals of Speech: Communication Requirement</td>
<td>3</td>
</tr>
<tr>
<td>EDFD 582</td>
<td>Learning Theories</td>
<td>3</td>
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<tr>
<td>FCST 515</td>
<td>Child Development II: Adolescence</td>
<td></td>
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<tr>
<td>PSYC 560</td>
<td>Advanced Educational Psychology</td>
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</table>

**Program Requirements**

**Required Courses**

- SASE 680: Selected Topics in Curriculum and Teaching
- SASE 509: Sociocultural Perspectives on Curriculum and Assessment
- SPED 579: Special Education for Students with Disabilities
- SPED 586: Educational Planning for Adolescents with Disabilities
- SPED 566: Creating Curricular Access for Adolescents with Disabilities
- SPED 568: Teaching Methods for Inclusive Education
- SPED 588: Positive Behavior Supports for Diverse Learners
- SASE 526: Seminar in Inclusive Pedagogy
- SASE 527: Clinical Practice I
- SPED 584: Assessment in Special Education and Classroom Practice
- SASE 543: Advanced Seminar in Inclusive Pedagogy
- SASE 529: Clinical Practice II
- SPED 680: Selected Topics in Special Education

**Graduate Professional Sequence I**

- SASE 526: Seminar in Inclusive Pedagogy
- SASE 527: Clinical Practice I
- SPED 584: Assessment in Special Education and Classroom Practice

**Graduate Professional Sequence II**

- SASE 543: Advanced Seminar in Inclusive Pedagogy
- SASE 529: Clinical Practice II

**Comprehensive Exam**

In the term that you will sit for exam, register for the section which matched your major & advisor. Successfully pass exam.

- GRAD CMP: Comprehensive Examination

**Total Credits**: 44

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**Teaching Field Requirements**

**General Physics**

- 8 credits

**Mechanics**

- 4 credits

**Electricity**

- 4 credits

**Optics**

- 4 credits

**Modern Physics**

- 4 credits

**Electives in Physics**

- 13 credits

**General Chemistry**

- 8 credits

**Organic Chemistry**

- 8 credits

**Analytical Chemistry or Biochemistry**

- 3 credits

**Mathematics**

- 1 credits

**Content Area Courses (Physical Sciences)**

Select one of the following:

- CHEM 501: Teaching Chemistry in the Secondary School
- CHEM 510: Hazardous Materials Management
- CHEM 520: Advanced Inorganic Chemistry
- CHEM 525: Bioinorganic Chemistry
- CHEM 530: Advanced Organic Chemistry
- CHEM 532: Organic Synthesis
- CHEM 533: Biosynthesis of Natural Products
- CHEM 534: Separation and Analysis
- CHEM 536: Nuclear Magnetic Resonance: Theory and Practice
- CHEM 538: Drug Design in Medicinal Chemistry
- CHEM 540: Advanced Physical Chemistry
- CHEM 542: Quantum Chemistry and Spectroscopy
- CHEM 544: Chemical Thermodynamics and Electrochemistry
- CHEM 546: Chemical Spectroscopy
- CHEM 548: Chemical Kinetics
- CHEM 550: Organometallic Chemistry
- CHEM 560: Advanced Analytical Chemistry
- CHEM 570: Advanced Biochemistry
- CHEM 574: Protein Structure
- CHEM 575: Enzyme Kinetics and Mechanisms
- CHEM 576: Lipid Biochemistry
- CHEM 577: Nucleic Acid Biochemistry
- CHEM 578: Biochemistry Laboratory Techniques
- CHEM 579: Biomolecular Assay Development
- CHEM 582: Biochemical Pharmacology
- CHEM 590: Selected Topics-Advanced Chemistry
- CHEM 595: Graduate Research
- CHEM 598: Graduate Literature Search
- CHEM 599: Graduate Seminar
- PHYS 519: Special Topics in Physics

**Total Credits**: 79

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1 Complete over 2 years including at least 12 credits of Calculus.