B.S. CHEMISTRY
Secondary Ed. Certification (7-12)

I. General Education Requirements (42 S.H. plus HPX)

Communication Skills (3 S.H.)
◆ COM 160, 161, 162 or 163 ____________ 3 ____________
◆ Has completed one Writing Intensive (W) course Yes ___ No ___

Humanities (15 S.H. minimum, including 3 of 7 fields: Fine and Applied Arts - only 1 studio course accepted toward minimum - Foreign Language, Humanistic Studies, Literature, Philosophy, Western History, Communication)
Fine/Applied Arts ____________________________ 3 ____________
◆ HIS 148 American History: To 1877 or HIS 149 American History: Since 1877 3 ____________

Foreign Language--See Below*

Social & Behavioral Sciences (12 S.H. minimum, including 2 of 3 fields: Non-Western Culture, Psychology, social Sciences)
◆ PSY 100 Introduction to Psychology 3 ____________

Natural Sciences & Mathematics (12 S.H. minimum)
PHY 110, 111 General Physics I & II (4 - 4) 8 ________
MAT 181 Calculus I 4 ________

Health Promotion and Exercise Sciences (2 S.H.)
HPX 177 Fitness for Life 2 ________

II. MAJOR REQUIREMENTS (37 Semester Hours)

CHE 110, 111 General Chemistry (4-4) 8 ________
CHE 205, 206 Analytical Chem. Lec. & Lab. (3 -2) 5 ________
CHE 210, 211 Organic Chemistry I & II (4 - 4) 8 ________
CHE 250 Chemistry Seminar 1 ________
CHE 300, 301 Physical Chemistry I & II (4-4) 8 ________
MAT 182 Calculus II 4 ________
Advanced Math OR Science Elective ________ 3, 4 ________

Senior Presentation Requirement Met ☐

III. SECONDARY EDUCATION CERTIFICATION REQUIREMENTS (35 S.H.)

See reverse side for listing of required courses and minimum grade for Secondary Education Certification

IV. Free Electives (9 S.H.)+

Foreign Language Requirement Completed: Yes ___ No ___
+Minimum of 125 S.H. and a 3.0 GPA(subject to change) for B.S. Degree

Total Transfer Credits

Office Admissions Evaluation of Transfer Credit
Entering Date ________day/eve/full/part-time
Previous School(s) ____________________________

Number Title Credits

Foreign Language Requirement Met Through
High School Exemption Yes ___ No ___

High School Exemption   Yes ___ No ___

WESTERN CONNECTICUT STATE UNIVERSITY
B.S. Chemistry

Secondary Education Certification

Students must maintain a minimum G.P.A. of 3.0 (subject to change). Grades from other institutions will be used to calculate the cumulative G.P.A. for admission to and retention in the education program. WCSU graduation requires a minimum 3.0 G.P.A. (subject to change) on WCSU coursework.

This major may be selected by a student seeking a secondary education teaching certificate.

Formal admission into this Secondary Education Program by the Education Department is required. A student will earn a Bachelor of Science degree. A minimum of 125 semester hours is required for a B.S. degree. Passing Praxis I (or a waiver) and Praxis II is required before admittance to the Secondary Education Program will be granted.

SECONDARY EDUCATION CERTIFICATION REQUIREMENTS (35 S.H.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EPY 204</td>
<td>Adolescent Development in School Setting (Prereq: PSY 100)</td>
<td>3</td>
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<tr>
<td>ED 206</td>
<td>Introduction to Education</td>
<td>3</td>
</tr>
<tr>
<td>HPX 215</td>
<td>Health Issues in the School</td>
<td>3</td>
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Professional Semester

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EPY 405</td>
<td>Introduction to Special Education (Prereq: EPY 204)</td>
<td>3</td>
</tr>
<tr>
<td>ED 385</td>
<td>Methods of Teaching in Secondary Schools</td>
<td>3</td>
</tr>
<tr>
<td>ED 386</td>
<td>Secondary Professional Development School Experience</td>
<td>1</td>
</tr>
<tr>
<td>ED 440</td>
<td>Integrating Language (Fall Only)</td>
<td>3</td>
</tr>
<tr>
<td>ED 442</td>
<td>Teaching Science in Secondary Schools</td>
<td>3</td>
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</table>

Student Teaching (13 S.H. Spring Semester Only)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED/MED 340</td>
<td>Assessment of Teaching Strategies</td>
<td>1</td>
</tr>
<tr>
<td>ED 342</td>
<td>Student Teaching</td>
<td>12</td>
</tr>
</tbody>
</table>

◆ A minimum grade of “C” is required.
◆◆A minimum grade of “B” is required.

6/06, 6/09, 6/25/09, 4/12 (Effective Fall 2012)