B.A. CHEMISTRY
BIOCHEMISTRY OPTION

APPROVED ELECTIVE LIST

CHE 311	Inorganic Chemistry	4 S.H.
CHE 320	Clinical Biochemistry	4 S.H.
CHE 400	Instrumental Methods of Analysis: Lecture	3 S.H.
CHE 415	Medicinal Chemistry	3 S.H.
CHE 420	Advanced Topics in Organic Chemistry	3 S.H.
CHE 438	Molecular Biochemistry of Nucleic Acids	3 S.H.
BIO 300	Cell Biology	4 S.H.
BIO 310	Vertebrate Embryology	4 S.H.
BIO 318	Cytology	4 S.H.

7/98, 7/01, 7/04, 6/09, 6/26/09

WESTERN CONNECTICUT STATE UNIVERSITY

B.A. CHEMISTRY Student _____
BIOCHEMISTRY OPTION Box _____

I. GENERAL EDUCATION REQUIREMENTS (42 S.H. plus HPX)

Communication Skills (3 S.H.)
COM 160, 161 or 162 _____ 3_____
Has completed one Writing Intensive (W) course Yes_____ No_____

Humanities (15 S.H. minimum, including 3 of 6 fields:
Fine and Applied Arts - only 1 studio course accepted toward minimum - Foreign Language, Humanistic Studies, Literature, Philosophy, Western History)

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Social & Behavioral Sciences (12 S.H. minimum including 2 of 3 fields: Non-Western Culture, Psychology, Social Sciences)

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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 (57-63 Semester Hours)

CHE 110, 111 General Chemistry I & II (4 - 4) 8_____
CHE 205, 206 Analytical Chemistry, Lect. & Lab (3 - 2) 5_____
CHE 210, 211 Organic Chemistry I & II (4 - 4) 8_____
CHE 250 Chemistry Seminar (.5-.5) (.5-.5) 1, 2_____
CHE 300, 301, Physical Chemistry I & II (4 - 4) 8_____
CHE 421, 422 Biochemistry Lecture I & II (3 - 3) 6_____
CHE 431 Biochemistry Laboratory 2_____
BIO 103, 104 General Biology I & II (4 - 4) 8_____
MAT 182 Calculus II 4_____

And (a) or (b):
(a) Approved Biology **or** Chemistry elective 3,4_____
CHE 330 Senior Research 4_____
(b) CHE 297 Cooperative Education Research 12_____

Senior Presentation Requirement ☐

III. FREE ELECTIVES+

_____ _____ _____
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Foreign Language Requirement Completed: Yes____ No____
+Minimum of 122 S.H. including HPX 177for B.A. Degree

Office Admissions Evaluation of Transfer Credit
Entering Date _____day/eve/full/part-time
Previous School(s) _____
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Number	Title	Credits
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Foreign Language Requirement Met Through High School Exemption: Yes____ No____

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Total Transfer Credits _____
7/98, 7/01, 7/04, 6/09, 6/26/09