

WESTERN CONNECTICUT STATE UNIVERSITY

B.A. CHEMISTRY Student _____

Biotechnology Option _____ **Box** _____

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 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

Including both laboratory science and mathematics)

CHE 110, 111, General Chemistry I & II (4-4) 8 _____

MAT 101 Calculus I 4 _____

Health Promotion and Exercise Sciences (2 S.H.)

HPX 177 Fitness For Life 2 _____

II. MAJOR REQUIREMENTS (71.5-75.5 S.H.)

BIO 001 Introduction to Biotechnology N.C. _____

BIO 103, 104 General Biology I & II 8 _____

BIO 211 Genetics 4 _____

BIO 216 General Microbiology 4 _____

BIO 220 Immunology 4 _____

BIO 300 Cell Biology 4 _____

BIO 305 Biotechnology Seminar 0.5 _____

BIO 411 Methods/Cell, Tissue, Organ & Embryo Culture 2 _____

BIO/CHE 440 Molecular Biology 3 _____

CHE/ENV 205 Analytical Chemistry Lecture 3 _____

CHE/ENV 206 Analytical Chemistry Laboratory 2 _____

CHE 210, 211 Organic Chemistry I & II (4-4) 8 _____

CHE 305 Biophysical Chemistry 3 _____

CHE 400 Instrumental Analysis: Lecture 3 _____

CHE 401 Instrumental Analysis: Laboratory 2 _____

CHE 421 Biochemistry Lecture I 3 _____

CHE 431 Biochemistry Laboratory 2 _____

MAT 102 Calculus II 4 _____

PHY 110, 111 General Physics I & II (4-4) 8 _____

BIO/CHE Electives chosen with Dept. Approval _____

_____ _____

_____ _____

III. FREE ELECTIVES+

_____ _____

_____ _____

Foreign Language Requirement Completed: Yes _____ No _____

+Minimum of 122 S. H. including HPX 177 For B.A. Degree

Office Admissions Evaluation of Transfer Credit

Entering Date _____ **200** /eve/full/part-time

Previous School(s) _____

Number _____ **Title** _____ **Credits** _____

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TOTAL TRANSFER CREDITS _____