

Central Connecticut State University

1615 Stanley Street
New Britain, Connecticut 06053-4010

Effective Fall 2008

Address: _____

Name: _____

I.D.# _____

email _____

BS in Biomolecular Sciences

Specialization: General Program

General Education

Study Area I - Arts and Humanities (9)

<input type="checkbox"/>	Literature	3
<input type="checkbox"/>		3
<input type="checkbox"/>		3

Study Area II - Social Sciences (9)

<input type="checkbox"/>	HIST	3
<input type="checkbox"/>		3
<input type="checkbox"/>		3

Study Area III - Behavioral Sciences (6)

<input type="checkbox"/>		3
<input type="checkbox"/>		3

Study Area IV - Natural Sciences (6-7)

X	CHEM 161/162 ^b	4
X	CHEM 163/164	4

Skill Area I - Communication Skills (6)

<input type="checkbox"/>	ENG 110 ^a	3
<input type="checkbox"/>		3

Skill Area II - Mathematical (6)

X	MATH 119 ^{b, c}	4
X	MATH 125 ^b or 152 ^c	3 or 4

Skill Area III - Foreign Language

<input type="checkbox"/>	3 sequential years of one foreign language at the high school level
<input type="checkbox"/>	passed the foreign language exam.
<input type="checkbox"/>	completed 112 or 114 foreign language courses
<input type="checkbox"/>	completed above 112 or 114 foreign language course demonstration of native proficiency in a language other than English

Skill Area IV - Univ. Requirements (2-3)

<input type="checkbox"/>	PE 144 Fitness/ Wellness	2
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Major Requirements (35 cr)

Core Requirements

<input type="checkbox"/>	BMS 102 & 103	Intro to BMS w/Lab	4
<input type="checkbox"/>	BMS 201	Principles of Cell & Mol Biol	4
<input type="checkbox"/>	BMS 190 & 290	Intro to Research I & II	1
<input type="checkbox"/>	BMS 390	Independent Research in BMS	1
<input type="checkbox"/>	BMS 491	Advanced Ind Research	1
<input type="checkbox"/>	BMS 306 or 307	Genetics or Genomics	4
<input type="checkbox"/>	BMS 311	Cell Biology	4
<input type="checkbox"/>	BMS 316	Microbiology	4

Biomolecular Electives*

<input type="checkbox"/>	BMS	4
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

* BMS 306, 307, 318, 319, 320, 322, 340, 380 (3 cr only), 391, 412/413, 414, 415, 416, 490, 491, 495, 496/497, 499, 516, 519, 562, 570; CHEM 320, 354/355, 456, 458; or BIO 416, 449/450.

Portfolio Requirement

met: YES

Related Requirements

<input type="checkbox"/>	CHEM 161/162 ^b	General Chem I w/ Lab	4
<input type="checkbox"/>	CHEM 163/164	General Chem II w/ Lab	4
<input type="checkbox"/>	CHEM 210/211	Organic Chem I w/ Lab	4
<input type="checkbox"/>	CHEM 212/213	Organic Chem II w/ Lab	4
<input type="checkbox"/>	MATH 119 ^{b, c}	Pre-Calc with Trig	3 or 4
<input type="checkbox"/>	MATH 125 ^b or 152 ^c	Applied Calc or Calc I	4
<input type="checkbox"/>	PHYS 121 ^c	General Physics I	4
<input type="checkbox"/>	PHYS 122	General Physics II	4

Graduation Requirements

Six credit designated "international"

met: YES

First Year Experience requirement

met: YES

Electives (to complete the required 122)

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Minor (not required)^d

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Double-counting restriction: Of the courses taken in the major and minor/concentration, a total of two courses may be counted to fulfill the Study Areas portion of the general education program.

Residency requirements: A minimum of 45 cr. at CCSU with 15 cr. in the major and 9 cr. in the minor or concentration. Eligibility for high honors requires the student to earn 62 cr. in residence at CCSU.

^a Students not completing ENG 110 prior to earning 61 cr. are required to take both ENG 110 and ENG 202.

^b MATH 101 or the Mathematics Placement Exam is a prerequisite for CHEM 161/162, and for MATH 119 and 125.

^c MATH 119 is a prerequisite for PHYS 121. Other appropriate courses may be substituted in Skill Area II if this requirement is already met. MATH 152 is a requirement of the minor in Chemistry.

^d A minor in Science, B.S., may be elected with a C- or better in related requirement courses CHEM 161/162, 163/164; and PHYS 121, 122.