

# Central Connecticut State University

1615 Stanley Street  
New Britain, Connecticut 06053-4010

Address: \_\_\_\_\_

Name: \_\_\_\_\_

I.D.# \_\_\_\_\_

email \_\_\_\_\_

Effective Fall 2006

# MA in Biomolecular Sciences

Department of Biomolecular Sciences

## Major Requirements (30 cr)

### Core Component (5 to 6 cr)

	BMS 500	Seminar in BMS	1
	BMS 540	Advanced Topics in BMS	3 to 4
	BMS 572	Lab Rotation in Cell & Mol Biol	1

### Biomolecular Electives\* (18 to 22 cr)

	BMS	_____
		_____
		_____
		_____
		_____

\* BMS 412/413, 415, 416, 505, 506/497, 516, 519, 540, 562, 570, 590, 591; CHEM 454/455, 456, 458; BIO 416, or 449/450.

### Capstone Component (3 to 6 cr)

#### Plan A - Option 1

	BMS 599	Thesis	6
		Oral Defense	0

#### Plan A - Option 2

	BMS 591	Independent Research Project	3
	BMS 599	Thesis	3
		Oral Defense	0

#### Plan B

	BMS 591	Independent Research Project	3
		Comprehensive Exam	0

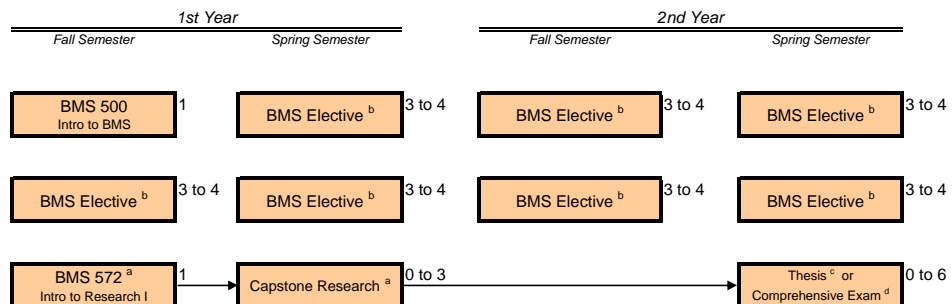
No more than 9 credits at the 400-level will be allowed in the graduate Planned Program of Study.

The Master of Arts in Biomolecular Sciences program is designed to fulfill the educational needs of biologists who desire further specialization and/or knowledge of recent advances in cell and molecular aspects of biology; students who seek an immersion in cell and molecular biology as an intermediate step toward preparation for work at the doctoral level; and teachers who are interested in furthering their knowledge in molecular and cellular biology. Each student will be assigned a graduate committee that will help the student plan a sound program of study.

### Admission Requirements

The application process begins with the submission of an application for admission to graduate study, and official transcripts from all institutions where graduate or undergraduate work has been done to the Graduate Admissions Office (Davidson 115; 832-2350). (Graduate Record Examination (GRE) scores for the aptitude and advanced biology tests are optional, but, if available, these should also be submitted to the Graduate Office.) In addition, applicants should submit a narrative statement describing their academic goals and two or three letters of recommendation directly to the Biomolecular Sciences Department Chair. These materials will be reviewed by the Department Graduate Committee, and students who are accepted will be assigned a program committee who will work with the student to develop a planned program of academic study.

## Master of Arts in Biomolecular Sciences



Please note that the above is merely a model program. Master's-level courses are also routinely available during summer and winter sessions. While a minimum of 9 credits is required for full-time study, many students opt to study on a part-time basis.

No more than 9 credits at the 400-level will be allowed in the graduate Planned Program of Study.

<sup>a</sup> To enroll in BMS 572 or 591, students need to have a Planned Program of Study approved by the advisor.

<sup>b</sup> Pre-requisites must be met. Courses may be chosen from BMS 412/413, 415, 416, 505, 506/497, 516, 519, 562, 570, 590, 591; CHEM 454/455, 456, 458; BIO 416, 449/450. At least one of these must be BMS 540.

<sup>c</sup> Plan A - *Option 1*: BMS 599 (6 cr) and a thesis defense; or *Option 2*: BMS 591 (3 cr) and BMS 599 (3 cr) and a thesis defense.

<sup>d</sup> Plan B - BMS 591 (3 cr) and a Comprehensive Exam.