

## **MA IN BIOLOGY WITH SPECIALIZATION IN BIOTECHNOLOGY**

### **Admission Requirements**

GPA 3.0

GRE (general part) to be taken before registering for 700-level courses

Baccalaureate degree in biology or related fields

### **Degree Requirements**

30 credits plus a passing grade on a comprehensive examination or a thesis

Core Courses for the MA (21-28 credits)

BIOL 714 . . . . . 4 cr

Cell Biology

BIOL 710 . . . . . 5 cr

Molecular Biology

BIOL 700 . . . . . 4 cr

Genetics

BIOL 750.03 . . . . . 4 cr

Developmental Biology

BIOL 610 . . . . . 4 cr

Biotechnology Workshop

BIOL 620 . . . . . 4 cr

Internship

BIOL 790 . . . . . 4 cr

Special Topics Courses

(Seminar in Biotechnology)

Electives (5-13 credits)

BIOL 790 . . . . . 3 cr

Special Topics Courses (Seminar in Immunology, Cancer Research, Signal Transduction, Bioinformatics, Neurobiology, etc.)

SCI 700 . . . . . 2 cr

Ethics

For additional elective courses, consult department adviser.

## **BA/MS PROGRAM IN BIOLOGICAL SCIENCES/ ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES**

This is an accelerated program leading to a BA in biology and an MS in environmental and occupational health sciences in five years. Hunter College Biology majors admitted to the program start graduate work in their senior year. Interested students should contact a Biology Department adviser - as well as the coordinator of the Program in Environmental and Occupational Health Sciences at the Brookdale Campus - early in their undergraduate studies. See the Health Professions section of the [graduate&nbsp;catalog](#) .

### **BA/MA PROGRAM WITH SPECIALIZATION IN BIOTECHNOLOGY**

In this five-year program, qualified undergraduate Hunter College biology majors begin graduate work as seniors and receive the MA one year after completing BA requirements. Students are provided with theoretical knowledge and skills in molecular biology, and a foundation for application of these skills in careers in the biotechnology/pharmaceutical industry, academic research, or public health. Successful completion of the biotechnology workshop, an essential program component, entitles students to a summer internship in an industrial or private research laboratory.

### **BS/MA MEDICAL LABORATORY SCIENCES/BIOLOGICAL SCIENCES WITH SPECIALIZATION IN BIOTECHNOLOGY**

Qualified Hunter College seniors majoring in medical lab sciences in the School of Health Sciences may apply to the new BS/MA collaboration between medical lab sciences and the Department of Biology. An intensive techniques workshop (BIOL 410) is taken prior to graduation and upon successful completion, students may continue with professional internship, and accelerated MA program.

### **BIOLOGY EDUCATION FOR TEACHERS OF ADOLESCENT EDUCATION(grades 7-12), MA**

For more information about this program see p. 98 of the Hunter graduate catalogue [click here](#)

### **BIOTECHNOLOGY AND PUBLIC HEALTH, MA**

For more information about this program see the Hunter college admissions site [click here](#)

### **BIOCHEMISTRY, MA**

Given with the Chemistry Department For more information about this program see p. 31 of the Hunter graduate catalogue [click here](#)

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