BA/MA Biotechnology Program
Curriculum

A. The Bridge: For Biology Seniors
(required, 13-17 credits)
1-Approx 8-10 credits of core courses

B. Core Courses: Listed below, preferentially.
BIOL 710, and BIOL 700 or BIOL 714.
2-Biotechnology Workshops; BIOL 610, 4 credits
3-Biotechnology Internships; BIOL 620, 4 credits

Core Courses for the MA
(21-28 credits)
BIOL 714; Cell Biology, 4 credits
BIOL 710; Molecular Biology, 5 credits
BIOL 700; Genetics, 4 credits
BIOL 750.03; Developmental Biology, 4 credits
BIOL 610; Biotechnology Workshop, 4 credits (prerequisite: BIOL 710 or permission of instructor)
BIOL 620; Internship, 4 credits
BIOL 650 or equivalent; Cell and Tissue Culture, 3 credits
BIOL 790; special Topics Course; Seminar in Biotechnology, 3 credits

C. Electives: (5-13 credits)
BIOL 771; Experimental Techniques in Tissue Culture, 4 credits
BIOL 790; Special Topics Courses (Seminar Immunology, Cancer Research, Signal Transduction, etc) 3 credits
SCI 700; Ethics, 2 credits

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BA/MA Program with Specialization in Biotechnology
An accelerated (Five-Year) BA/MA Degree in Biological Sciences with Specialization in Biotechnology
BA/MA BIOTECHNOLOGY PROGRAM

- Complete your BA in biology requirements
- Enter the Biotechnology MA program
- Receive your BA/MA in biotechnology in just 5 years
- Acquire the theoretical knowledge and skills in molecular biology and biotechnology
- Obtain a professional position in the fields of biotechnology, pharmaceutical or public health or academic research

ELIGIBILITY

- BA in Biological Sciences, or the equivalent, or BA within one year (for accelerated BA/MA Program)
- GPA of 3.0
- Limited capacity
  - Lab space is scarce
  - Selection by the director of the program
  - Motivation to concentrate on accelerated program
  - General Graduate Record Examination must be taken before registering for 700-level courses

COMPLETION

BA/MA obtained upon completion of 30+ credits + comprehensive examination or a thesis.