

WHY ACCELERATED?

Exceptional students are given the opportunity to earn a Bachelors Degree and Masters Degree in as little as 5 years, saving the student both time and tuition money. The student fulfills the requirements for a BS degree in four years and for an MS degree the following year. A minimum of 144 credit hours are required to complete both degrees.

The MS degree requires the completion of a thesis based on the student's own research or an approved independent study project.

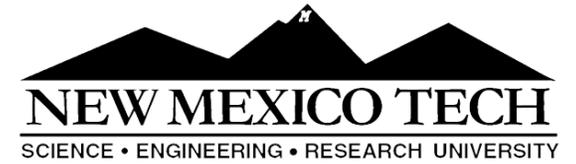
This program prepares students for careers in a wide variety of fields including bioinformatics, drug discovery, education and conservation. Employers may be state or federal agencies, non-governmental organizations, environmental consulting and remediation firms, to name just a few.

DEPARTMENT OF BIOLOGY

New Mexico Institute of Mining & Technology

Linda DeVeaux, Ph.D., Chair
801 Leroy Place
Jones Annex
Socorro, NM 87801

Phone: 575.835.5612
Fax: 575.835.5668
E-mail: biology.dept@npe.nmt.edu
Website: www.nmt.edu/academics/biology/



Biology Accelerated Masters Program



Biology Accelerated Bachelor of Science/Master of Science Program



Applying for the Program

Students may apply for the BS/MS program as early as the end of their 4th semester and no later than the end of the 6th semester. Admission is contingent on their having a GPA of at least 3.0, on the acceptability of their proposed course of study, and on the willingness of a Biology faculty member to be their graduate advisor. Students in the accelerated program must apply for graduate standing, normally in their 6th semester. Once admitted to the graduate program, the student spends their 8th semester as a dually registered student.



During their senior year, the student must select a graduate advisory committee and formalize their graduate research topic or Independent Study project.

Once admitted to the graduate program, a student may apply for financial support via research assistant or teaching assistant positions. Students are expected to make substantial progress on their graduate research project during their 4th year and student progress will be evaluated by the Biology Department toward the end of the 4th year.

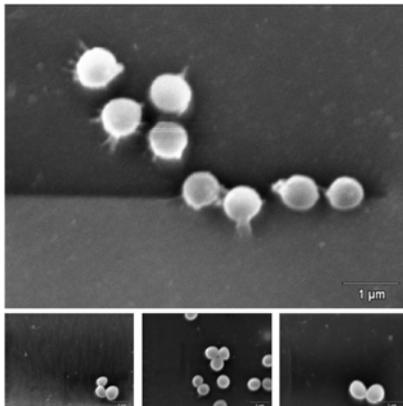
Research Opportunities

Students are afforded various opportunities to contribute to the body of scientific knowledge through research projects sponsored by entities such as The National Institutes of Health, The National Science Foundation and private industry.

Faculty directed projects have included:

- Microbiology of deep groundwater environments in South Africa and South Dakota
- Genetic responses of emerging pathogens to environmental changes using bioinformatics
- Discovery of anti-microbial and anti-cancer drugs
- Invasive plant ecology in arid and polluted environments

More information can be found on the *Biology Department website* at www.nmt.edu/academics/biology/



Exploding MRSA cells.

