

# University of Michigan - Flint

## What can you do with a biology degree?

Medical & Allied Health Fields	Academia	Business & Industry	Government	Nonprofit Organizations
<ul style="list-style-type: none"> <li>• <b>Physician, Optometrist, Dentist, Podiatrist, Veterinarian</b> BS or BA + 4-year professional degree</li> <li>• <b>Chiropractic Medicine</b> BS or BA + 3-year clinical doctoral degree</li> <li>• <b>Physical Therapist</b> BS or BA + 3-year clinical doctoral degree</li> <li>• <b>Physical Therapist</b> BS or BA + 2-2.5-year clinical doctoral degree</li> </ul> <p><b>Other Allied Health Careers:</b></p> <ul style="list-style-type: none"> <li>• <b>Medical Technologist/Clinical Laboratory Science Technologist</b> BS degree program plus an internship that involves a lot of biology coursework.</li> <li>• <b>Nursing</b> Fast-track BSN programs (~15 months) are available to biology majors (as well as other majors) with a BS or BA degree. UM-Flint's fast-track 2<sup>nd</sup> degree program was launched in the fall of 2007. Having a strong biological science background prior to a nursing degree provides excellent preparation for advanced nursing specializations such as <b>nurse anesthetist</b> or <b>nurse practitioner</b> Master's or clinical doctoral programs.</li> <li>• <b>Clinical Doctorates are available in a number of professions such as:</b>  Doctor of Pharmacy (Pharm-D) Doctor of Optometry (O.D.)  Admission to these programs is possible after completion of prerequisite courses in 2-3 years of undergraduate education. However, many students complete their bachelor's degree (BS or BA) in biology, chemistry or other discipline prior to admission to the professional program. Pharm-D and Doctor of Optometry generally are 4-year programs.</li> </ul>	<ul style="list-style-type: none"> <li>• <b>High School Science Teacher:</b> BS + Teaching Certificate</li> <li>• <b>Community College Instructor:</b> MS or PhD</li> <li>• <b>University Professor:</b> PhD</li> <li>• <b>Researcher</b> MS or PhD</li> <li>• <b>Research Technician</b> BS or MS</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Research &amp; Development - Biotechnology, Pharmaceuticals, Forest Products, Agro-industry</b> MS or PhD</li> <li>• <b>Research Assistant. Biotechnology, Pharmaceuticals, Forest Products, Agro-industry</b> BS or MS</li> <li>• <b>Pharmaceuticals- Research &amp; Development</b> MS or PhD</li> <li>• <b>Sales - Biotechnology, Pharmaceuticals, Forest Products, Agro-industry, Scientific Equipment, Science Publisher</b> BS</li> <li>• <b>Environmental Consulting Firm</b> BS, MS, or PhD</li> <li>• <b>Publishing - Science Writing, Editing, Illustrating</b> BA, BS, MA or MS</li> <li>• <b>Environmental Law Attorney</b> BS + Law Degree</li> <li>• <b>Lobbyist- Industry Association</b> Law or Paralegal Degree</li> </ul>	<p><b>Forensic Science</b> BS or MS</p> <ul style="list-style-type: none"> <li>• <b>Researcher- CDC, EPA, USFWS, NMFS, USDA, DEC</b> MS or PhD</li> <li>• <b>Technician-</b> BS or MS</li> <li>• <b>Regulation &amp; Enforcement- EPA, DEC, USFDA, USDA, Fish &amp; Game, National Park Service, State Parks, Water Districts</b> BS or MS</li> <li>• <b>Policy</b> Law Degree</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Lobbyist, Advocate</b> Law or Paralegal Degree</li> <li>• <b>Grassroots Organizer</b> BA or BS</li> <li>• <b>Education/Public Awareness</b> BA or BS</li> </ul>