### Medical & Allied Health Fields

- **Physician, Optometrist, Dentist, Podiatrist, Veterinarian**  
  BS or BA + 4-year professional degree
- **Chiropractic Medicine**  
  BS or BA + 3-year clinical doctoral degree
- **Physical Therapist**  
  BS or BA + 3-year clinical doctoral degree
- **Physical Therapist**  
  BS or BA + 2-2.5-year clinical doctoral degree

### Other Allied Health Careers:

- **Medical Technologist/Clinical Laboratory Science Technologist**  
  BS degree program plus an internship that involves a lot of biology coursework.
- **Nursing**  
  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 2nd 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 nurse anesthetist or nurse practitioner.
- **Clinical Doctorates** are available in a number of professions such as:
  - 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.

### Academia

- **High School Science Teacher:**  
  BS + Teaching Certificate
- **Community College Instructor:**  
  MS or PhD
- **University Professor:**  
  PhD
- **Research Technician:**  
  BS or MS

### Business & Industry

- **Research & Development - Biotechnology, Pharmaceuticals, Forest Products, Agro-industry**  
  MS or PhD
- **Research Assistant - Biotechnology, Pharmaceuticals, Forest Products, Agro-industry**  
  BS or MS
- **Pharmaceuticals - Research & Development**  
  MS or PhD
- **Sales - Biotechnology, Pharmaceuticals, Forest Products, Agro-industry, Scientific Equipment, Science Publisher**  
  BS
- **Environmental Consulting Firm**  
  BS, MS, or PhD
- **Publishing - Science Writing, Editing, Illustrating**  
  BA, BS, MA or MS
- **Environmental Law Attorney**  
  BS + Law Degree
- **Lobbyist - Industry Association**  
  Law or Paralegal Degree

### Government

- **Forensic Science**  
  BS or MS
- **Researcher - CDC, EPA, USFWS, NMFS, USDA, DEC**  
  MS or PhD
- **Technician**  
  BS or MS
- **Regulation & Enforcement - EPA, DEC, USFDA, USDA, Fish & Game, National Park Service, State Parks, Water Districts**  
  BS or MS
- **Policy Law Degree**

### Nonprofit Organizations

- **Lobbyist, Advocate**  
  Law or Paralegal Degree
- **Grassroots Organizer**  
  BA or BS
- **Education/Public Awareness**  
  BA or BS