“Through classes and co-op, Northeastern University’s MS in Bioinformatics gave me the solid foundation in molecular biology and bioinformatics computational methods I needed to apply my systems development skills to biological questions.”

— Charles Roesel, MS in Bioinformatics

**INDUSTRY INFORMATION**

- **94%** of our program graduates are employed in the sector.
- **$74K** average per year earnings for bioinformaticians in 2013.

Source: 2013 Independent Survey
Source: indeed.com

**ABOUT THE PROGRAM**

- Attain core knowledge in bioinformatics programming
- Integrate knowledge from biological, computational, and mathematical disciplines
- Gain professional work experience via co-op

**CURRICULUM OUTLINE**

**Required Core (20 semester hours)**

- Bioinformatics Computational Methods 1
- Bioinformatics Computational Methods 2
- Bioinformatics Programming
- Ethics in Biological Research
- Bioinformatics Seminar
- Statistics for Bioinformatics

**Sample Electives (12 semester hours)**

- Molecular Cell Biology
- Molecular Modeling
- Web Development
- Biochemistry
- Database Design and Management
- Data Mining Techniques

**Total Degree Requirements (32 semester hours)**

- Full-time students typically complete this degree in 2 years

**Get Started**

- Visit our website and apply
- GREs not required
- Fall and spring start options
- Program locations include Boston, Charlotte, Seattle, and 100-percent online

**MS in Bioinformatics ALIGN**

Interested in the MS in Bioinformatics but feel it might not be a match for you? Students who hold a Bachelor of Arts may be eligible for our MS in Bioinformatics ALIGN Program. Go to [northeastern.edu/align](http://northeastern.edu/align) to learn more.

**THE NORTHEASTERN NETWORK**

The MS in Bioinformatics builds on Northeastern’s expertise in experiential learning and real-world problem solving, and connects students to our Global Network of more than 3,000 employer partners and 200,000 alumni.