Molecular genetics focuses on studying topics in modern biology concerning how genes control cellular functions, development, and disease. A degree in Molecular Genetics is an excellent preparation for many careers in the life sciences and beyond. Our courses and research opportunities cover a broad range of topics from molecules to populations. The common focus is on the role of genes and the use of molecular and genetic techniques in each of these areas.  

**Career Areas/Job Titles:**

- **Management and Industry**
  - Healthcare Administrator
  - Scientific/Technical Recruiter
  - Pharmaceutical Sales Rep
  - Quality Control Specialist

- **Communication and Media**
  - Environmental Communications Specialist
  - Grant Writer

- **Science and Technology**
  - Scientific Journalist
  - Scientific Artist
  - Medical Doctor
  - Dentist
  - Research Geneticist
  - Genetic Counselor
  - Veterinarian

- **Health Professions**
  - Pharmaceutical Sales Rep
  - Quality Control Specialist
  - Environmental Communications Specialist
  - Grant Writer

- **Healthcare**
  - Healthcare Administrator
  - Scientific/Technical Recruiter
  - Pharmaceutical Sales Rep
  - Quality Control Specialist

- **Medical**
  - Medical Doctor
  - Dentist
  - Research Geneticist
  - Genetic Counselor
  - Veterinarian

- **Government/Politics**
  - Paralegal
  - Intellectual Property Lawyer

- **Education**
  - Professor

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  - Paralegal
  - Intellectual Property Lawyer

- **Education**
  - Professor

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Transferable Skills:**

- Biology Focus: Social Perceptiveness
- Chemistry Focus: Teaching/Instructing Others
- Human Anatomy Knowledge: Teamwork
- Mathematic Skills: Willingness to Take Risks
- Facilitating Group Discussion: Developing Evaluation
- Listening Skills: Strategies
- Provide/Respond to Feedback: Forecasting/Predicting
- Speaking Effectively: Gathering Information
- Use Technology Effectively: Identifying Problems
- Written Communication: Research Skills
- Emotional Intelligence: Attention to Detail

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://ccss.osu.edu](http://ccss.osu.edu)*

**Professional Links:**

- American College of Medical Genetics: [http://www.acmg.net/AM/Template.cfm?Section=Home3](http://www.acmg.net/AM/Template.cfm?Section=Home3)
- Genetics Society of America: [http://www.genetics-gsa.org](http://www.genetics-gsa.org)