

What Can I Do With This **Ohio State** Major?

Bachelor of Science
Molecular Genetics
College of Arts and Sciences

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. ¹

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

Scientific Journalist

Scientific Artist

Health Professions

Medical Doctor
Dentist
Research Geneticist
Genetic Counselor
Veterinarian

Science and Technology

Microbiologist

Biochemist

Education

Professor

Government/Politics

Paralegal
Intellectual Property Lawyer

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

Transferable Skills:

Biology Focus
Chemistry Focus
Human Anatomy Knowledge
Mathematic Skills
Facilitating Group Discussion
Listening Skills
Provide/Respond to Feedback
Speaking Effectively
Use Technology Effectively
Written Communication
Emotional Intelligence

Social Perceptiveness
Teaching/Instructing Others
Teamwork
Willingness to Take Risks
Developing Evaluation
Strategies
Forecasting/Predicting
Gathering Information
Identifying Problems
Research Skills
Attention to Detail

Judgment & Decision Making
Implementing Decisions
Initiative
Managing Time/Stress
Organization Skills
Prioritizing Tasks
Quantitative Reasoning
Data Analysis
Analytical/Critical Thinking

**This is not an extensive list of transferable skills. See larger list of skills you might develop here:
<http://ccss.osu.edu>*

Professional Links:

The American Society of Human Genetics: <http://www.ashg.org/>

American College of Medical Genetics: <http://www.acmg.net/AM/Template.cfm?Section=Home3>

American Society of Gene and Cell Therapy: <http://www.asgct.org/>

Association of Genetic Technologists: <http://www.agt-info.org/>

Genetics Society of America: <http://www.genetics-gsa.org>