

What you can do with your **MOLECULAR & CELL BIOLOGY MAJOR**



Major Skills:



Critical Thinking

You define and analyze problems related to molecular and cellular biology, identify factors that contribute to outcomes & analyze connections.



Data Analysis

You code and analyze quantitative data, utilize appropriate tools, predict outcomes, interpret results of data gathering and present data.



Research & Research Design

You define a problem, formulate hypotheses, design a study to test hypotheses, identify strengths and weakness of methods and approaches, report findings, and make recommendations.



Digital Literacy

You utilize a variety of data analysis approaches, databases and graphics software.



Written & Oral Communication

You articulate thoughts and ideas clearly and effectively in written communications and through oral communication explain complex ideas for technical and non-technical audiences, and learn how to give a science-based presentation.



Teamwork

You work collaboratively with others to achieve common goals, negotiate and manage conflict.

Supplement Your Skills With:



Leadership

Get involved with student orgs, community groups, and other places where you can learn to lead.



Job Shadows to Explore Professions

Accompany alumni or other folks in your networks for a day or more in their everyday work routine.



Work Experience

Seek out laboratory research opportunities, and seek out an internship in businesses that specialize in laboratory research.



Experience Fostering Professional Equity & Inclusion

**What You
Can Do
NOW**

Activate Your Handshake Account

for connections to jobs, internships, employer & alumni networking.

Explore Career Communities

to discover a wide variety of fields where you can turn your major into success.

Get Career & Internship Advising

from SuccessWorks to make a plan, whether you're a first-year student or about to graduate.

Get Started: successworks.wisc.edu

Put your major to **WORK**

Frequent Alumni Job Titles:

1. Professor
2. Scientist
3. Physician
4. Chief Executive Officer
5. Director of Research & Development
6. Research Associate/Fellow
7. Scientific Director
8. Quality Assurance Lead
9. Instructor
10. Data Scientist



Top Employers of Alumni:

Top 10:

1. Exact Sciences
2. PPD
3. Thermo Fisher Scientific
4. Catalent Pharma Solutions
5. Medical College of Wisconsin
6. Promega Corporation
7. Aurora Health Care
8. Labcorp (formerly Covance)
9. Epic
10. Luminex Corporation

Additional Employers:

- Mayo Clinic
- UW Health
- 3DR Laboratories
- Acuity A Mutual Insurance Company
- Advantigen Biosciences
- Northwestern University
- University of Illinois at Chicago

Recent Grads' Career Plans:

- 52%** Employment
- 44%** Medical or Graduate School
- 4%** Other

Recent Grads' Employment Industry:

1. Education
2. Healthcare
3. Life Sciences
4. Research
5. Information Technology

Where Alumni Live & Work:



"My major taught me to be thorough and focus on the details, all while not losing sight on the broader view. This has been an invaluable skill throughout my career in medicine. As a physician I must pay attention to subtle symptoms and synthesize how those details may or may not be impacting the patient."

Jessica De Valk, 2011

Pediatrician, Children's Medical Group, Children's Wisconsin
Milwaukee, WI



"My molecular biology major encouraged me to pursue independent research which gave me the tools I needed to get into graduate school and the upper-level classwork I took in cell biology solidified my love of exploring cell protein mechanisms, which is the basis of my PhD research!"

Chloe Kirk, 2019

PhD Candidate, University of Miami, Miller School of Medicine
Miami, FL

Career Communities for Molecular & Cell Biology Majors

SuccessWorks has eight Career Communities to connect you with career advising, resources and programs. Here are a few suggestions on where Molecular & Cell Biology majors can start.

- **Healthcare & Human Services**
- **Scientific Research & Development**
- **Technology, Data & Analytics**
- **Consulting, Finance, Management & Client Relations**

Not inspired by these options? Visit SuccessWorks to explore more widely.

successworks.wisc.edu