

HOW TO USE THIS MAP

- UToledo's Major Map is a guide for you to plan for future success while you explore your University experience. The five rows of the map provide a step-by-step guide to integrate your academic courses with experiences on and off-campus that will help build your career readiness.
- Start thinking about life beyond college now and use the map to set short- and long-term goals, such as preparing for graduate or professional schools, preparing for your first career-track job and networking with others in your profession.

RESOURCES FOR SUPPORT

From orientation to graduation, there are many resources to support your University experience.

Your success coach is like your personal GPS. As you navigate from where you are to where you want to be, coaches offer one-on-one guidance and support through referrals to academic support services and other campus resources, and connections to campus engagement and experiential learning opportunities. Visit utoledo.edu/successcoach to connect with your success coach.

Career Services provides comprehensive career planning and preparation services for all UToledo students in order to clarify and implement their academic and career goals. Connect with Career Services during your first year and continue working with them often throughout your academic career. Visit utoledo.edu/career to learn more about the programs, services and events to support your success.



TOP FIVE REASONS TO STUDY BIOLOGICAL SCIENCES AT UTOLEDO

- 1** Concentrations in neuroscience and pre-professional programs, such as medicine, osteopathic medicine, veterinary medicine, dentistry, podiatry and physician's assistant programs.
- 2** Emphasis on experiential learning through hands-on undergraduate research as early as your first year, with paid summer research positions also possible.
- 3** Work in labs with the latest technology and equipment and have access to UToledo's Health Science Campus, home to the UToledo Medical Center (UTMC).
- 4** Fulfill both your major's course requirements and the requirements of the pre-health concentration without taking extra classes.
- 5** The medical school acceptance rate for UToledo biological sciences undergraduates with GPAs of 3.5 or higher is 75% over the past 10 years.

PUTTING YOUR DEGREE TO WORK

- Biomedical sciences
- Dentistry
- Genomics
- Higher education
- Hospital & health care
- Immunotherapy
- Medicine
- Neuroscience
- Pharmaceutical
- Public health
- Research
- Secondary education
- Veterinary



BUILD YOUR EXPERIENCE BEYOND THE CLASSROOM

As a biology student at UToledo you will have the opportunity to get involved with undergraduate research as soon as your first year on campus. You can work in a research lab with a biology faculty member or faculty from the Health Science Campus which is home to UToledo's College of Medical and Life Sciences. Faculty have research interests that range from plant molecular biology, cancer cell biology, neuroscience and more. Undergraduate research allows you to put your course content into practice while honing skillsets that will be invaluable in your future career.

Talk with your academic advisor or a faculty mentor to learn how you can immerse yourself in experiences that will challenge you, provide meaningful interaction with faculty and peers and actively engage you in the material you're learning.

AMPLIFY YOUR MAJOR

- Study abroad during your junior year in a yearlong exchange program with The University of Salford in Manchester, England. All courses transfer seamlessly.
- Get involved in undergraduate research, it can make you stand out and provide you the opportunity to present and publish your research results.
- Consider a unique dual degree program. Earn a B.S. degree in biological sciences and M.S. degree in bioinformatics — a field that's exploded recently — in just 5.5 years. This [pipeline program](#) is available to UToledo biological sciences students at the end of their first semester at UToledo.

“When I heard about the Salford Exchange program, I knew I wanted to take part. Being a biology major I did not think that I would be able to participate in a program like this, but the classes and credits seamlessly integrate into the normal curriculum. Spending my junior year in the UK allowed me to learn in a new environment, make life-long friendships and experience a variety of cultures throughout Europe.”

OLIVIA SAGAN, M.D., Resident, University of Rochester Medical Center, UTMC, '22, B.S. Biology, Pre-Med, '17

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

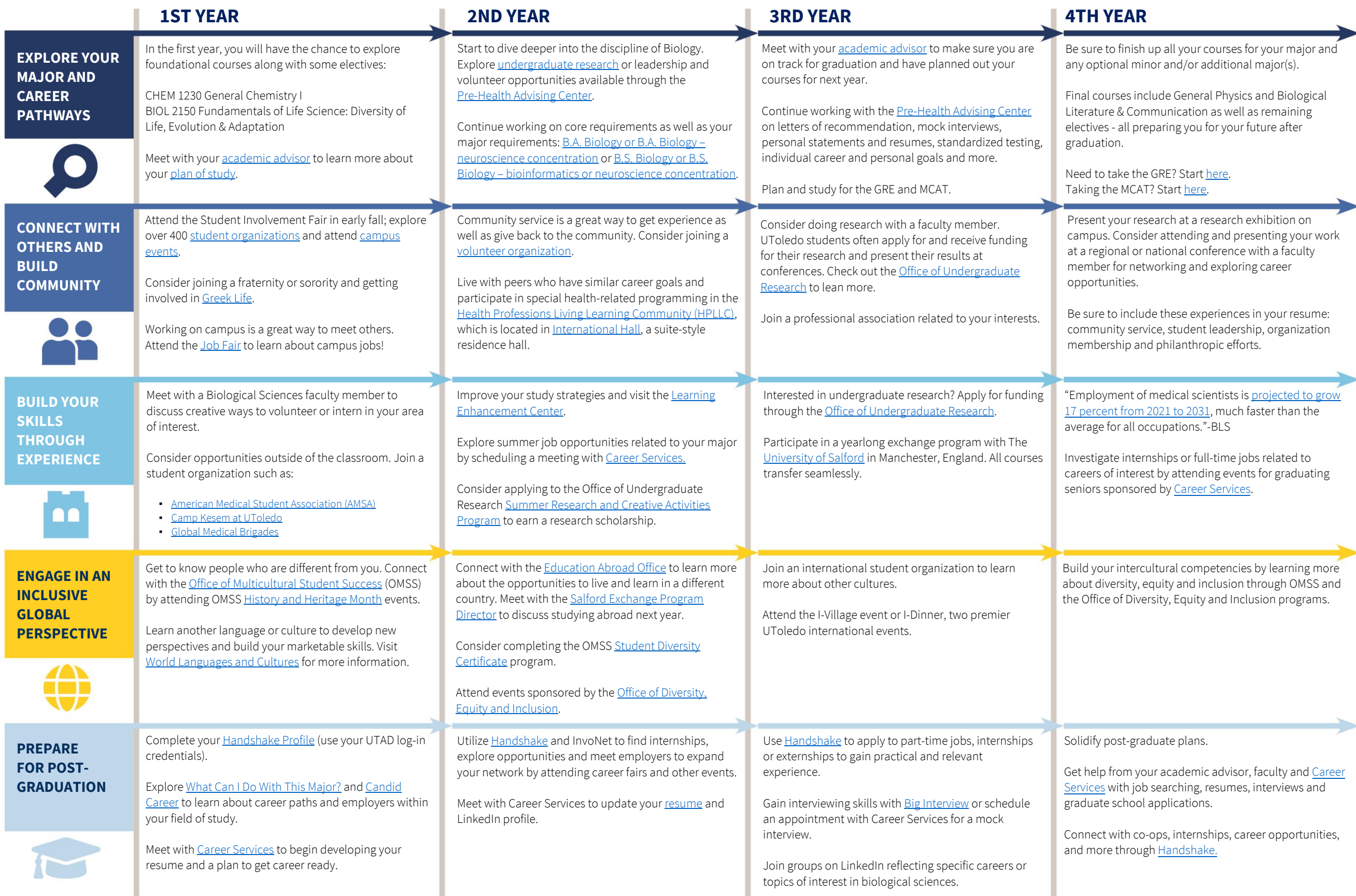
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utoledo.edu/nsm/biosci



FUELING TOMORROWS

2022-23 Biology

Department of Biological Sciences



WHAT WILL I LEARN?

Develop your career readiness competencies to ensure you are prepared to launch your career upon graduation:

- Career & Self Development
- Communication
- Critical Thinking
- Equity & Inclusion
- Leadership
- Professionalism
- Teamwork
- Technology

HOW WILL I USE IT?

Use your degree to attain career positions such as:

- Assistant professor
- Bioinformatics analyst
- Computational biologist
- Data analyst
- Dentist
- Immunology researcher
- Lab assistant
- M.D.
- Medical science liaison
- Optometrist
- Pathologist
- Patient advocate
- Physician
- Physician’s assistant
- Project scientist
- Process development specialist
- Quality control director
- Reconstructive microsurgeon
- Regulatory medical writer
- R&D manager
- Research scientist
- Staff scientist
- Transparency specialist
- Veterinarian