BIOLOGY DEPARTMENT

MAJOR MAP

COLLEGE OF ARTS AND SCIENCES

Bachelor of Science in Molecular Biology and Biotechnology			
	1ST YEAR	2ND YEAR	3RD YEAR
COURSES TO	• BI 102, BI 103, BI 234, CH 151, CH 152, EN 101, WU 101 and one general education course	 BI 301, BI 333, CH 340, CH 341, CH 342, MA 140, MA 151 and PH 214. Take CH 343 or another MBB elective 	 BI 353, BI 354, PS 261, PS 261, and EN 300. Take one MBB elective courses and 3 general education courses
RELEVANT EXPERIENCE	• Join the Biology Club, AMSA, and/ or the Ecobods	 Become a tutor or an SI for a first year biology course. Participate in a WTE project. Meet with the biology faculty to discuss and identify suitable research projects 	 Take a leadership role in one of the biology clubs. Explore options of an internship or REU during the summer. Become a KINBRE summer or full-semester scholar
BUILD YOUR NETWORK	• Volunteer for activities on and off campus. For example, Women in Science Day volunteering	 Become a member of ASCB, ASM, ASPB or other professional biology society. Attend local and regional meetings like Apeiron and KINBRE 	• If you are considering a medical profession, volunteer at Stormont- Vail through the College Volunteer program
GLOBAL THINKING		 Connect with a study abroad coordinator. Consider applying for a study abroad scholarship 	Complete an International or Leadership <u>WTE</u>
POST-GRAD PREPARATION	• Meet with your academic advisor at least once each semester to discuss your progress and pick classes best	• Maintain a high biology GPA - get invited to join the TriBeta biology honor society	 Focus on areas of interest and research requirements. Consider careers that require further education. Prepare to

suited to your career interests

4TH OR FINAL YEAR

- BI 390, BI 395, BI 440, CH 350 and CH 351.
- Take two MBB elective courses, one general education course and two other general electives
- Apply for graduate school. Present your research at a regional (e.g., KAS) or national meeting (e.g. <u>ESA</u>). Gain experience in relevant areas that you are lacking
- Attend a national or international meeting such as ASCB, ASM etc.
- Prepare a LinkedIn profile to make professional connections and stay connected with your alma mater
- Consider going abroad to grad school or to pursue a post-doc
- Prepare your resume and apply for jobs, or submit application for graduate school or professional school.
- Visit career services

take any required tests (like

MCAT or GRE)

WHERE **COULD I GO AFTER GRADUATION?**

- Graduate School: Agricultural Sciences Biomedical Engineering Biochemistry Biotechnology Cell Biology Epidemiology Genetics Molecular Biology
- Professional School: Medicine (MD/ DO) Dentistry (DDS/ DMD) Optometry (DO) Pharmacy (PharmD) Physical Therapy (DPT) Occupational Therapy (OT) Veterinary Medicine Business Administration
- Public Health (MPH) • Education: High-school Private School
- Adjunct • Entry Level Positions: Pharmaceutical Industry Biotech Companies Health Departments Public Health
- Other: Scientific Journalism or Publishing Sales and Marketing **Technical Writing**

VISIT www.washburn.edu **FOR MORE** INFORMATION

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