BIOLOGY DEPARTMENT MAJOR MAP

suited to your career interests

COLLEGE OF ARTS AND SCIENCES

Bachelor of Science in Environmental Biology			
	1ST YEAR	2ND YEAR	3RD YEAR
COURSES TO	• BI 102, BI 103, CH 151, CH 152, EN 101, WU 101, 1 general education course, MA 116 or a non- biology elective	• BI 310, BI 340, CH 340, CH 341, CH 342, CH 343, MA 123, 1 EB elective, and 2 general education courses	• MA 151, PS 261, PS 262, BI 395, 2 EB elective course, a quantitative elective course, and 1 general education course
RELEVANT EXPERIENCE	• Join the Biology Club 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. Summer Internship at city or state parks	 Conduct research with WU faculty and present work at local or regional meetings. Take a leadership role in one of the biology clubs. Explore options of an internship or REU during the summer
BUILD YOUR NETWORK	• Volunteer for activities on and off campus. For example, Women in Science Day, local invasive species management, and other conservation efforts	Become a member of a professional biological society such as the <u>Ecological</u> <u>Society of America</u> , <u>Entomological Society of</u> <u>America</u> , <u>Botanical Society</u> <u>of America</u> , <u>Association of</u> <u>Zoos and Aquariums</u> , etc	• Present your research at a regional conference e.g Apeiron, Kansas Academy of Science, or Midwest/ Central Ecology and Evolution Conference. Take an internship at a local park, a research opportunity, or field course in a relevant area
GLOBAL THINKING	 Connect with a study abroad coordinator. Consider applying for a study abroad scholarship 	• Consider applying to international ecological organizations, such as the organization for tropical studies	• 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

• Take paid or volunteer

summer internships

4TH OR FINAL YEAR

- BI 333, BI 390, BI 395 (2), EN 300, 3 EB elective courses, 1 Biology elective, and 2 general education courses
- Apply for graduate school. Present your research at a regional (e.g., KAS) or national meeting (e.g. ESA). Gain experience in relevant areas that you are lacking
- Attend a national or international meeting e.g., Ecological Society of America, Association of Zoos and Aquariums, American Fisheries Society, etc.
- Contact potential graduate advisors
- 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 the

GRE)

WHERE **COULD I GO AFTER GRADUATION?**

The program prepares you for entry level positions and graduate or professional school in diverse areas such as,

- Academic and Applied Research
- Agricultural Sciences
- Bioeconomics
- Botany
- Conservation
- Ecology and Evolution
- Entomology
- Environmental Consulting
- Law
- Epidemiology
- Fisheries Science
- Forestry
- •Integrated Pest Management
- Marine Biology
- Park Ranger
- Public Health
- •Scientific Journalism
- or Publishing
- Teaching
- Toxicology
- •Veterinary Medicine
- Wildlife Management
- •Zoo and Aquarium Sciences
- Zoology

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

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