

Zoology and non-zoo courses for Spring 2025

This list are Intermediate/advanced level credits that count towards the Zoo major.

1. Zoo 300 Invertebrate Biology and Evolution (Lec) 3 credits
2. Zoo 302 Introduction to Entomology (Lec/Lab) 4 credits
3. Zoo 350 Parasitology (Lec) 3 credits
4. Zoo 370 General Molecular Biology (Lec) 3 credits
5. Zoo 371 Medical Entomology (Lec/Lab) 3-4 credits
6. Zoo 400 Mol Bio of Planarian Regen (Lec) 2 credits
7. Zoo 400 Global Change Biology (Lec) 3 credits
8. Zoo 410 Evolutionary Biology (Lec/Dis) 3 credits
9. Zoo 415 Genetics of Human History (Lec) 3 credits
10. Zoo 425 Behavioral Ecology (Lec) 3 credits
11. Zoo 460 General Ecology (Lec/Lab/Dis) 4 credits
12. Genetic 466 Principles of Genetics (Lec) 3 credits*
13. Zoo 470 Introduction to Animal Development (Lec) 3 credits
14. Zoo 500 Undergraduate Neurobiology Seminar (Sem) 1 credit
15. Zoo 510 Ecology of Fishes (Lec/Dis) 3 credits
16. Zoo 511 Ecology of Fishes Lab (Lab) 2 credits
17. Zoo 520 Ornithology (Lec) 3 credits
18. Zoo 521 Birds of Southern Wisconsin (Lab/Dis) 3 credits
19. Zoo 611 Comparative and Evolutionary Physiology (Lec/Dis) 3 credits
20. Zoo 612 Comparative Physiology Laboratory (Lab) 2 credits
21. Zoo 651 Conservation Biology (Lec) 3 credits
22. Zoo 655 Modeling Neurodevelopmental Disease (Lec) 3 credits

Non-Zoology courses that count towards the major. We allow up to 6 credits max.

1. ANAT&PHYS 335 Physiology (Lab) 5 credits*
2. ANAT&PHYS 338 Human Anatomy Laboratory (Lab) 2 credits
3. Biochem 501 Introduction to Biochemistry (Lec) 3 credits
4. Biochem 507 General Biochemistry I (Lec) 3 credits
5. Envir ST 361 Wetlands Ecology (Lec) 3 credits
6. FW&E 306 Terrestrial Vertebrates: Life History and Ecology (Lec/Lab) 4 credits
7. Genetics 545 Genetics Laboratory (Lab) 2 credits
8. Microbio 303 Biology of Microorganisms (Lec) 3 credits
9. Microbio 304 Biology of Microorganisms Laboratory (Lab) 2 credits
10. Microbio 345 Introduction to Disease Biology (Lec) 3 credits
11. Psych 513 Hormones, Brains, & Behavior (Lec/Dis) 4 credits

*Genetics 466 counts like a regular zoology course and does not effect the 6 credit max of non-zoo credits for the major.

*Only 3 credits of [ANAT&PHY 335](#) Physiology counts toward the 6 credits of approved non-ZOOLOGY subject courses.

For more information on these courses check out course search enroll app. Also, many of the zoology courses have sample syllabi, while they may not be super recent it should give you a better idea of what the course may be like. <https://integrativebiology.wisc.edu/courses/>

Please, check prerequisites before attempting to enroll in any course.