

COURSE SYLLABUS

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|---|--|----------------------------|-----------------------------|---|------|---|---------|---|--------|---|--------|---|--|--|
| Course Title: | General Zoology | Date submitted: | September 1985 | | | | | | | | | | | |
| Department: | Mathematics and Science | | | | | | | | | | | | | |
| Curriculum: | Biology | | | | | | | | | | | | | |
| Course Descriptors: Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system. | Course Code: (eg. ACC 101) <table border="1"><tr><td>BIO*145</td></tr></table> | BIO*145 | Prerequisites: | | | | | | | | | | | |
| | BIO*145 | | | | | | | | | | | | | |
| | Course Type: <table border="1"><tr><td>L/B/X</td></tr></table> | L/B/X | General Biology I (BIO*121) | | | | | | | | | | | |
| | L/B/X | | | | | | | | | | | | | |
| | A: Clinical B: Lab D: Distance Learning I: Individual/Independent L: Lecture N: M: Seminar Internship P: Practicum U: Studio X: Combined Lecture/Lab Y: Combined Lecture/ Clinical/Lab Z: Combined Lecture/Studio | | | | | | | | | | | | | |
| | Elective Type: <table border="1"><tr><td>G/LA/S</td></tr></table> | G/LA/S | | | | | | | | | | | | |
| | G/LA/S | | | | | | | | | | | | | |
| | E: English FA: Fine Arts HI: History HU: Humanities LA: Liberal Arts FL: Foreign Language M: Math S: Science SS: Social Science G: General | | | | | | | | | | | | | |
| | Credit Hours: <table border="1"><tr><td>4</td></tr></table> | 4 | Corequisites: | | | | | | | | | | | |
| | 4 | | | | | | | | | | | | | |
| Developmental: (yes/no) <table border="1"><tr><td>No</td></tr></table> | No | None | | | | | | | | | | | | |
| No | | | | | | | | | | | | | | |
| Contact Hours: <table border="1"> <tr><td>Lecture:</td><td>3</td></tr> <tr><td>Clinical:</td><td>0</td></tr> <tr><td>Lab:</td><td>2</td></tr> <tr><td>Studio:</td><td>0</td></tr> <tr><td>Other:</td><td>0</td></tr> <tr><td>TOTAL:</td><td>5</td></tr> </table> | Lecture: | 3 | Clinical: | 0 | Lab: | 2 | Studio: | 0 | Other: | 0 | TOTAL: | 5 | | |
| Lecture: | 3 | | | | | | | | | | | | | |
| Clinical: | 0 | | | | | | | | | | | | | |
| Lab: | 2 | | | | | | | | | | | | | |
| Studio: | 0 | | | | | | | | | | | | | |
| Other: | 0 | | | | | | | | | | | | | |
| TOTAL: | 5 | | | | | | | | | | | | | |
| Class Maximum: <table border="1"><tr><td>18/24</td></tr></table> | 18/24 | Other Requirements: | | | | | | | | | | | | |
| 18/24 | | | | | | | | | | | | | | |
| Semesters Offered: <table border="1"><tr><td>F/S/SU</td></tr></table> | F/S/SU | None | | | | | | | | | | | | |
| F/S/SU | | | | | | | | | | | | | | |
| Ability-Based Education (ABE) Statement: | Tunxis faculty and staff have identified a set of specific abilities (skills and knowledge) that students should develop in a successful and well-rounded education. We believe that ten of these abilities, the general-education abilities, are necessary for all students to be successful at work, in future education, and as citizens. In most college-levels course at Tunxis, students will be assessed on at least one general-education ability as well as abilities that are specific to the course. Students in professional programs will also be assessed on abilities that are important to that profession. (In some externally accredited programs, general-education abilities may not be assessed in every course, but all abilities will be assessed by the time the student completes the program.) On some assignments, students will receive feedback on the degree to which they have mastered certain abilities. When this happens, students will receive a rating of 1 (Not Satisfactory), 2 (Satisfactory), or 3 (Distinguished) and an explanation for the rating. The goal will be to let students know where they stand at a specific time and what they need to do in order to improve in these abilities. We are convinced that development of these abilities, and the general-education abilities in particular, is critical to students' success in all aspects of life. | | | | | | | | | | | | | |
| Catalog Course Description: | Introduction to the animal kingdom including the general principles of animal biology. Classification, structure, life histories, and evolutionary relationships of animals. Field trip required. Lecture and laboratory. | | | | | | | | | | | | | |

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| <p>Topical Outline: List course content in outline format.</p> | <p>Changes by season but roughly follows course outline by taxonomic significance.</p> |
| <p>Outcomes: Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.</p> | <p>Upon successful completion of this course, the student will be able to do the following:</p> <p>COURSE:</p> <ol style="list-style-type: none"> 1. develop a recognizable technique in dealing with live, preserved, and recently killed laboratory specimens; 2. be able to demonstrate an advanced capability for the use of all types of microscopes; 3. demonstrate an ability to plan, prepare, and carry out an experiment appropriate to the study of animal science; 4. identify the organisms used in the laboratory by their taxonomic ranking from kingdom to species; 5. identify developmental trends in specimens either by observation or dissection; and demonstrate an effective, professional dissection technique. <p>PROGRAM: <i>(Numbering reflects Program Outcomes as they appear in the college catalog)</i></p> <p>GENERAL EDUCATION: <i>(Numbering reflects General Education Outcomes as they appear in the college catalog)</i></p> <p>10. Scientific Method - uses discipline-specific terms, recalls relevant theories, laws, and concepts, and identifies components of the scientific method: hypothesis, procedure, observations and conclusions</p> |
| <p>Evaluation: List how the above outcomes will be assessed.</p> | <p>Assessment will be based on the following criteria:</p> <p>examinations quizzes assignments during class and lab</p> |
| <p>Instructional Resources: List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.</p> | <p>Required: None Desired: None</p> |
| <p>Textbook(s)</p> | <p>Refer to current academic year printout.</p> |