ZOOLOGY, B.S.

LEARNING OUTCOMES

- Connect and describe the concepts that make up the structure and function of all living things through the principles of genetics, cellular biology, and physiology.
- 2. Demonstrate an understanding of the diversity of life through the principles of evolution.
- 3. Make connections between organisms, their habitats, and systems through the principles of ecology.
- 4. Make connections between the biological sciences to humans and ecological systems and appreciate the complexity of these systems.
- 5. Identify, think through, and solve a problem using quantitative reasoning and critical thinking skills.
- Develop an ability to plan and carry out scientific experiments by obtaining and evaluating scientific information and effectively communicating information through oral and written presentations.
- 7. Understand current issues in biology and apply scientific knowledge to societal issues.
- 8. Make connections between self and natural world, and personal responsibility with social issues.
- 9. Develop a sense of competence in the field of study through research experiences and written and oral communication of findings.