**AREA:**
**Wildlife and Conservation Biology/Wildlife Biology Track**

Bachelor of Science/Bachelor of Arts Degree
CIP 03.0601

**University Studies Requirements** ......................... 42-43 hrs
(See Chapter 5, University Studies Requirements)

**• Oral and Written Communication (7 hours):**
ENG 105 Critical Reading, Writing, and Inquiry
COM 161 Introduction to Public Speaking

**• World’s Historical, Literary, and Philosophical Traditions (6 hrs):**
HUM 211 Western Humanities Tradition
CIV 201 World Civilization I
or
CIV 202 World Civilization II

**• Global Awareness, Cultural Diversity, and the Artistic Traditions (3 hours):**

Global Awareness, Cultural Diversity, and the Artistic Traditions Course

**• Scientific Inquiry, Method, and Quantitative Skills: (10-15 hrs)**
STA 135 Introduction to Probability and Statistics
and one of the following
CHE 105 Introductory Chemistry
CHE 201 General College Chemistry
and one of the following
MAT 150 Algebra and Trigonometry or MAT 140/145
or
MAT 250 Calculus and Analytical Geometry I

**• Social and Self-Awareness and Responsible Citizenship (6 hours):**
ECO 231 Principles of Microeconomics

Ethics, Social Responsibility and Civic Engagement Course

**• University Studies Approved Electives (6 hours):**
BIO 216 Biological Inquiry and Analysis
ENG 224 Writing for the Professions

**Core Courses** ................................. 62-65 hrs
BIO 100T Transitions
BIO 149 Introduction to Wildlife and Conservation Biology
BIO 115 The Cellular Basis of Life
BIO 221 Zoology: Animal Form and Function
BIO 222 Botany: Plant Form and Function
BIO 310 Vertebrate Natural History
BIO 330 Principles of Ecology
BIO 380 Wildlife Techniques
BIO 499 Senior Biology Seminar
BIO 578 Conservation Biology

**Wildlife Biology Track** ............................................. 17 hrs

GSC 202 Introduction to Geographical Information Science
and a minimum of 13 hours from the following courses (only one course from BIO 570, 572, 573, and 574 [if not taken as a core course] will count toward this requirement)
AGR 240 Crop Science
BIO 240 Biological App of GIS (EVEN SPRING SEMESTER)
BIO 320 Comparative Vertebrate Anatomy
BIO 525 Biogeography (ODD SPRING SEMESTER)
BIO 548 Prin of Diseases in Wildlife (Online SUMMER SEMESTER)
BIO 568 Wetland Ecology (Occasional SPRING SEMESTER)
BIO 570 Ichthyology (ODD FALL SEMESTER)
BIO 572 Herpetology (ODD SPRING SEMESTER)
BIO 573 Ornithology (EVEN SPRING SEMESTER)
BIO 574 Mammalogy (ODD FALL SEMESTER)
BIO 577 Population and Conservation Genetics
BIO 581 Applied Wildlife Economics (Online SUMMER SEMESTER)
BIO 582 Fisheries Management (EVEN FALL SEMESTER)
EDU 404 Teaching Environmental Education
MAT 554 Statistical Methods
GSC 312 Introduction to Remote Sensing
GSC 512 Remote Sensing
GSC 521 Geographic Information Systems
PLN 507 Urban and Regional Land Use Planning
REC 465 Interpretation of Cultural and Natural Resources

**Total Curriculum Requirements** .......................... 121-125 hrs

Note – All the listed times when courses are taught are subject to change. Check with adviser for latest information.