

**Life Sciences / Biology (BIO)  
Life Sciences Department  
School of Natural & Social Sciences  
Carhart Science Building**

**Objectives:** The Biology/Life Sciences major provides students with career choices in pre-health science including pre-medicine, pre-physician assistant, pre-physical therapy, pre-dentistry and dental hygiene, as well as biotechnology, organismal biology, environmental biology, or biology education. The Biology/ Life Sciences program also offers courses to students preparing for further study in Clinical Laboratory Science, Mortuary Science, Respiratory Therapy, other health science fields, Agriculture, Forestry, or Wildlife Management. Courses in Biology offer majors and non-majors the background required to think critically about the role of the living world in their lives.

**Life Sciences Major (BA or BS) 42-55 hours  
Life Sciences Core: 12 hours**

BIO	110 Biology Concepts.....	4
CHE	106 General Chemistry I.....	4
PHY	201 General Physics I.....	3
	321 Physics Laboratory I.....	1

**Subject Endorsement-Life Sciences/Biology**

**Education Concentration: 30 hours + 12 hour core**  
MAT 180 Applied Probability and Statistics (3) **or both** MAT 121 College Algebra (3) **and** MAT 122 Applied Trigonometry (1) must be taken as the Block 2 Mathematics General

Education requirement.

BIO	200 Zoology.....	4
	210 Botany.....	4
	220 Human Anatomy.....	4
	325 Ecology.....	4
	340 Human Physiology.....	4
	385 Microbiology.....	4
	393 Laboratory Techniques.....	2
EAS	110 Intro to Meteorology.....	4

EDU 409 Science Content Area Methods and Materials is required. A second subject endorsement is required for a Nebraska teaching certificate.