

**Effective for the 2023 – 2024 Catalog.** Concordia University, Nebraska accepts up to 70 hours of credit from a two-year college toward the completion of a four-year program of study. Only courses with a grade of C- or above will be accepted for transfer credit. Students must also complete a minimum of 30 hours at CUNE with a minimum of 12 hours completed at the 300 or 400 level. A minimum of 120 hours must be completed with total hours required varying by major.

**Specific graduation requirements can be found in the Undergraduate Catalog.**

### CUNE: BS Biology

### SCC: Academic Transfer – Biological Science

**General Education** - Students who complete an **Associate of Arts Degree** or an **Associate of Science Degree** shall be considered to have completed all but the Biblical Literacy and Theology requirements of the general education requirements. (Refer to the current Undergraduate Catalog for specific general education requirements.)

REL 121	History and Literature of the Old Testament	3		---	---	---
REL 131	History and Literature of the New Testament	3		---	---	---
THEO 210	Faith & Life	3		---	---	---

CUNE Course #	CUNE Course Name	Hours		SCC Course #	SCC Course Name	Hours
<b>BS Biology Total</b>		<b>63 - 64</b>				
<b>Required Courses</b>		<b>40-41</b>				
BIO 111	General Biology I	(4)		BIOS1400	Biology I w lab	4
BIO 112	General Biology II	(4)		BIOS1410	Biology II w lab	4
MATH 122	Introduction to Statistics	(3)		MATH/BSAD2170	Applied Statistics	3
MATH 184 or MATH 182	Calculus I (4) Calculus with Applications (3)	(3 - 4)		MATH1600/1700/2080	Analytic Geometry & Calculus I	5
PHYS 111	General Physics I	(4)		PHYS2110	General Physics I w lab	5
PHYS 112	General Physics II	(4)		PHYS2120	General Physics II w lab	5
CHEM 115	General Chemistry	(4)		CHEM1090	General Chemistry I with lab	4
CHEM 231	Organic Chemistry I	(4)		CHEM2510	Organic Chemistry I	4
Organismal Elective (Choose 1)	Bio 317 – Ecology & Field Biology Bio 325 – Vertebrate Anatomy and Morphology Bio 345 – Midwest Floral Identification Bio 36x – Study Tour	(3)		BIOS2200	Principles of Ecology	4
Molecular Elective	Bio 208 - Genetics or [Chem 346 – Biochemistry Lab and either Bio 271 – Introductory Embryology or Bio 319 – Cell and Molecular Biology]	(4)		BIOS2410	General Genetics w lab	4
Biology Capstone	Bio 399 - Research in Biology Bio 498 - Biology Internship	(3)				
<b>Biology Electives</b>		<b>(23)</b>				
	Any course with a bio prefix may count towards a biology major, EXCEPT: Bio-			CUNE Advisor will determine electives.		

	<p>110 (Principles of Biology), Bio-207 (Human Genetics: Applications and Issues), &amp; Bio-371 (Biology of the Brain).</p> <ul style="list-style-type: none"> <li>• If the student has credit for either Bio 343 (A&amp;P I) or Bio 344 (A&amp;P II), then Bio 243 (Elements of Human A&amp;P) cannot be taken for credit towards the major.</li> <li>• Biology electives must include at least nine hours of upper level (300+) biology courses (any course with a bio-prefix or chem-345 Biochemistry).</li> <li>• The student may use the following courses towards the major: Chem-116 (General Chemistry II), 325 (Quantitative Analytical Chemistry), 331 (Organic Chemistry II), 345 (Biochemistry), 346 (Biochemistry Lab), 347 (Advanced Biochemistry), Geog-361 (Introduction to GIS), HHP-395 (Biomechanics), Sci-230 (Introduction to Forensic Science), 231 (Introduction to Forensic Science Lab), or 490 (Science Ethics)</li> <li>• At least 12 hours of electives must have a Bio prefix or be Chem 345 (Biochemistry), 346 (Biochemistry Lab), or 347 (Advanced Biochemistry).</li> </ul>					
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