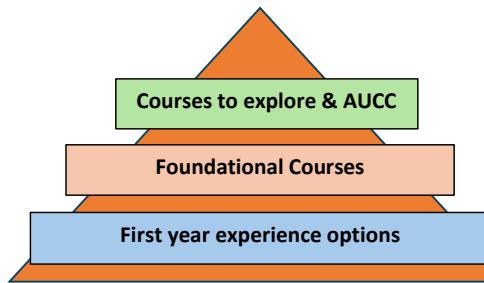


## **EXLA: Land, Plant & Animal Science**

Your interests may include a passion for understanding how, with science, we can best prepare the land for human use and desire to work in career fields that impact the environment and food systems. Be sure to check out all of the options on the Exploratory Studies website. [Major Track: Land, Plant & Animal Sciences](#)



**The course registration pyramid – our framework for course selection**

### **FIRST YEAR EXPERIENCE options – choose one:**

First year experience options are for first-time, first-year students. They include a first-year seminar course designed to foster connection, academic success, and exploration. Please talk with your advisor about the option best for you.

<b>Key communities Cluster</b> (seminar + 2 AUCC classes) <i>**must apply and be admitted to the Key communities**</i>	<b>Seminar Cluster</b> (IU172 + composition class) <i>**some students pre-registered, but open to all students**</i>	<b>Stand-alone seminar</b> (IU172)	<b>Explorer's Challenge</b> (independent exploration)
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### **FOUNDATIONAL course options:**

**Important note:** All majors in this track require college algebra and some require calculus. Math is recommended in the first year. Completing the math placement tool is helpful prior to orientation (or first day of classes).

1 <sup>st</sup> Semester (algebra-ready - recommended)	2 <sup>nd</sup> Semester
<b>Math:</b> Complete algebra <ul style="list-style-type: none"><li>MATH117, 118, 124, OR</li><li>MATH120</li></ul> <b>Science options:</b> <ul style="list-style-type: none"><li>*BZ110/111 Principles of Animal Biology</li><li>*BZ120: Principles of Plant Biology</li><li>FW104: Wildlife Ecology &amp; Conservation</li></ul>	<b>Math:</b> <ul style="list-style-type: none"><li>MATH125, 126 (if needed)</li></ul> <b>Science options (same as 1<sup>st</sup> semester, plus):</b> <ul style="list-style-type: none"><li>*CHEM107/108: Foundations of Chemistry w/ lab</li><li>CHEM111/112: General Chemistry w/ lab</li></ul>

<ul style="list-style-type: none"> <li>HORT100: Introduction to Horticultural Science</li> <li>LIFE102: Attributes of Living Systems</li> <li>LIFE103: Biology of Organisms</li> </ul>	
<b>1<sup>st</sup> Semester (not yet ready for algebra)</b> <p><b>Math:</b> Complete ELM Tutorial</p> <p><b>Science options:</b></p> <ul style="list-style-type: none"> <li>*BZ110/111 Principles of Animal Biology</li> <li>*BZ120: Principles of Plant Biology</li> <li>HORT100: Introduction to Horticultural Science</li> <li>LIFE102: Attributes of Living Systems</li> <li>LIFE103: Biology of Organisms</li> </ul>	<b>2<sup>nd</sup> Semester</b> <p><b>Math:</b> complete algebra</p> <ul style="list-style-type: none"> <li>MATH117, 118, 124, OR</li> <li>MATH120</li> </ul> <p><b>Science options (same as 1<sup>st</sup> semester):</b></p>

*\*students interested in a health/medical programs should not take BZ110/111 or BZ120, and should consult a health professions advisor to determine correct chemistry placement.*

## COURSES TO EXPLORE and AUCC requirements:

- AGED220: Understanding Agriculture Education (fall only)
- AGED244: Power, Structure & Tech Systems in Ag Ed (special location)
- AGRI116 (or IE116): Plants & Civilizations (also satisfies AUCC 1C)
- AGRI270 (or IE270): World Population and Food (also satisfies AUCC 1C)
- AGRI330: Agriculture & Food System Ethics (spring only)
- ANEQ101: Food Animal Science
- ANTH200: Cultures & the Global System (also satisfies AUCC 1C)
- AREC202: Agriculture and Resource Economics (also satisfies AUCC 3C: Social & Behavioral Science)
- AREC222: Economics of Food Systems (fall only; also satisfies AUCC 1C)
- AREC240: Economics of Environmental Sustainability (also satisfies AUCC 3C: Social & Behavioral Science)
- FW104: Wildlife Ecology & Conservation (also satisfies AUCC 3A: Biological & Physical Science)
- FW204: Introduction to Fishery Biology (fall only)
- GEOL120 (121): Geology & Society (and lab) (also satisfies AUCC 3A: Biological & Physical Science)
- GEOL122: Geoscience: Climate & Environmental Change (also satisfies AUCC 3A: Biological & Physical Science)
- GES101: Foundations of Environmental Sustainability (fall only)
- GES120: Water Sustainability in the Western US (fall only)
- GES141: Introduction to Sustainable Energy (fall only)
- GR100: Introduction to Geography (also satisfies AUCC 3C: Social & Behavioral Science)
- HORT171 / SOCR171: Environmental Issues in Agriculture (fall only, also satisfies AUCC 1C)
- LAND110: Introduction to Landscape Architecture (also satisfies AUCC 3B: Arts & Humanities)
- SOC220: Environment, Food, and Social Justice (also satisfies AUCC 1C)
- SOCR100: General Crops (fall only)
- SOCR210: Microbiome Roles in Sustainable Earth (spring only, also satisfies AUCC3A: Biological & Physical Science)
- WR204: Sustainable Watersheds (also satisfies AUCC3A: Biological & Physical Science)

## EXLA: Land, Plant & Animal Science

### COURSES TO EXPLORE and AUCC requirements (continued):

Next-level Exploration (has prerequisites or is an upper-level course):

- AREC224: Introduction to Agribusiness Entrepreneurship (fall only) - AREC 202 or ECON202
- AREC341: Environmental Economics (fall only) - AREC202 or ECON202
- AREC346: Economics of Outdoor Recreation (fall only) – AREC202 or ECON202
- GR320: Cultural Geography (fall – odd years) - GR100
- HORT260: Plant Propagation – BZ120 or HORT100 or LIFE103
- LSAP340, 343 – Spanish for Animal Health & Care fields (fall only) - LSPA 200, LSPA 342
- SOCR240: Introductory Soil Science – CHEM107 or CHEM111

**Commented [Ja1]:** Looks like we need to explain what the \* is for - and maybe we should add it to the end of the major rather than at the beginning.

Please visit <https://catalog.colostate.edu/general-catalog/all-university-core-curriculum/> for all AUCC options