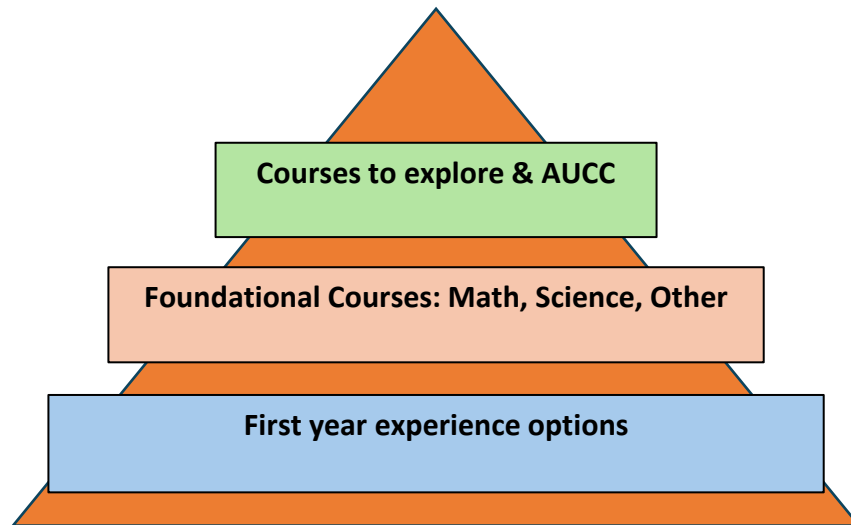


EXLA: Land, Plant & Animal Science

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 best option for you.

Key communities Cluster (seminar + 2 AUCC classes)	Seminar Cluster (IU172 + composition class)	Stand-alone seminar (IU172)	Explorer's Challenge (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 ST Semester (algebra-ready - recommended)	2 nd Semester
<p>Math: Complete algebra</p> <ul style="list-style-type: none"> • MATH117, 118, 124, OR • MATH120 <p>Science options:</p> <ul style="list-style-type: none"> • BZ110/111 Principles of Animal Biology • BZ120: Principles of Plant Biology • FW104: Wildlife Ecology & Conservation • HORT100: Introduction to Horticultural Science • LIFE102: Attributes of Living Systems • LIFE103: Biology of Organisms 	<p>Math:</p> <ul style="list-style-type: none"> • MATH125, 126 (if needed) <p>Science options (same as 1st semester, plus):</p> <ul style="list-style-type: none"> • CHEM107/108: Foundations of Chemistry w/ lab • CHEM111/112: General Chemistry w/ lab
1 ST Semester (not yet ready for algebra)	2 nd Semester
<p>Math: Complete ELM Tutorial</p> <p>Science options:</p> <ul style="list-style-type: none"> • BZ110/111 Principles of Animal Biology • BZ120: Principles of Plant Biology • HORT100: Introduction to Horticultural Science • LIFE102: Attributes of Living Systems • LIFE103: Biology of Organisms 	<p>Math: complete algebra</p> <ul style="list-style-type: none"> • MATH117, 118, 124, OR • MATH120 <p>Science options (same as 1st semester):</p>

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)
- 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)
- FSHN 150: Introduction to Human Nutrition45
- FTEC 110: Food – From Farm to Table
- FTEC 115: Cultural Aspects of Fermented Foods (also satisfies AUCC1C)
- FTEC 155: Introduction to Food Science (fall only)
- FSHN 235: Eating the American Story (Also satisfies AUCC 3D: Historical Perspectives)
- 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)
- HES 145: Health and Wellness for Everyone (also satisfies AUCC 1C: Diversity, Equity & Inclusion)

EXLA: Land, Plant & Animal Science

COURSES TO EXPLORE and AUCC requirements (continued):

- HES 202: Introduction to Exercise Physiology (also satisfies AUCC 3A: Biological/Physical Science)
- 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)

Next-level Exploration (course 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
- GR320: Cultural Geography (fall – odd years) - GR100
- HEM 335/FSHN 335: Food, Society, and Social Media – PSY 100 or SOC 100
- HORT260: Plant Propagation – BZ120 or HORT100 or LIFE103
- LIFE 201B: Introductory Genetics: Molecular/Immunological/Developmental - LIFE 102
- LSAP340, 343 – Spanish for Animal Health & Care fields (fall only) - LSPA 200, LSPA 342
- SOCR240: Introductory Soil Science – CHEM107 or CHEM111

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