



Majors and Minors

At the College of Agricultural and Environmental Sciences, you can explore all the elements that make our world a safe and sustainable place to live.

Choose from any of our 27 majors and 39 minors, including an exploratory/undeclared option. You will be learning from today's top scientists and faculty at an internationally-recognized university with outstanding academics and a diverse and active student community.

This guide will help you get to know all of our majors and choose the one that will help you follow your passion and begin your career path.

MAJORS

- | | | |
|---|--|--|
| Agricultural and Environmental Education | Environmental Policy Analysis and Planning | Managerial Economics |
| Agricultural and Environmental Technology | Environmental Science and Management | Marine and Coastal Science |
| Animal Biology | Environmental Toxicology | Nutrition Science |
| Animal Science | Food Science | Plant Sciences |
| Animal Science and Management | Global Disease Biology | Sustainable Agriculture and Food Systems |
| Atmospheric Science | Human Development | Sustainable Environmental Design |
| Biotechnology | Hydrology | Viticulture and Enology |
| Clinical Nutrition | International Agricultural Development | Wildlife, Fish and Conservation Biology |
| Community and Regional Development | Landscape Architecture | Undeclared/Exploratory Program |
| Entomology | | |

MINORS

- | | | |
|--------------------------------------|--|---|
| Aging and Adult Development | Environmental Horticulture | International Science Studies |
| Agricultural Pest Management | Environmental Policy Analysis and Planning | Landscape Restoration |
| Agricultural Systems and Environment | Environmental Toxicology | Managerial Economics |
| Animal Science—Animal Biology | Forensic Entomology | Medical—Veterinary Entomology |
| Animal Science—Animal Genetics | Fungal Biology and Ecology | Nematology |
| Animal Science—Aquaculture | Geographic Information Systems | Nutrition and Food |
| Animal Science—Dairy/Livestock | Geographic Studies | Nutrition Science |
| Animal Science—Equine | Global Disease Biology | Precision Agriculture |
| Atmospheric Science | Human Development | Science and Society |
| Avian Sciences | Hydrology | Soil Science |
| Climate Science and Policy | Insect Biology | Watershed Science |
| Community Development | Insect Ecology and Evolution | Wildlife, Fish and Conservation Biology |
| Community Nutrition | International Agricultural Development | |
| Contemporary Leadership | | |



Agricultural and Environmental Education

Gain a foundation in agricultural and environmental sciences, as well as educational theory and practice, by attaining skills in teaching, communications and outreach.

Careers:

- Academic advisor/counselor
- Agricultural communications
- Agriculture curriculum writer
- Agricultural extension educator
- Agricultural sales and/or marketing
- Community organizer/advocate
- Environmental science educator
- High school agricultural education teacher
- Museum educator/docent/outdoor education specialist
- Youth development educator

Specializations:

- Agricultural Business and Economics
- Animal Science
- Applied Biological Systems Technology
- Environmental Horticulture
- Environmental Science and Natural Resources
- Plant and Soil Science

Contact Information:

1202 Meyer Hall
530-754-7915
asac@ucdavis.edu
animalscience.ucdavis.edu/
academics/undergrad/majors/
agri-enviro



Agricultural and Environmental Technology

Bridge the disciplines of agriculture, management, technology and applied engineering, while integrating technology, leadership and design to solve complex problems in agricultural and environmental sciences. Integrate the next generation of technologies, such as the Internet of Things (IoT), robotics, digital technology, AI and machine learning for more advanced, efficient and sustainable food, fiber and energy production.

Careers:

- Business manager
- Energy conservation specialist
- Environmental consultant
- Extension associate
- Farm owner/manager
- Plant supervisor
- Precision ag/specialist
- Product manager
- Tech entrepreneur
- Technology integrator

Specializations:

- Bioproducts and Wearable Technologies
- Digital Agriculture
- Energy and Environmental Technologies

Contact Information:

2030 Bainer Hall
530-752-0102
baeadvising@ucdavis.edu
bae.ucdavis.edu



Animal Biology

Use the process and principles of science, contemporary thinking in biology and a team approach to solve problems of a biological nature.

Careers:

- Epidemiologist
- Fisheries/wildlife biologist
- Geneticist/molecular biologist/genomics
- Physician/health professional
- Professor
- Research scientist
- Teacher/educator
- Veterinarian
- Zookeeper/zoo manager

Contact Information:

160 Hutchison Hall
530-754-7277
abi-advising@ucdavis.edu
abi.ucdavis.edu



Animal Science

Learn about the biology, management and utilization of domestic and captive animals by focusing on modern, efficient and humane ways to make the best use and care of the animals people encounter on a daily basis.

Careers:

- Animal caretaker
- Animal nutritionist
- Animal research scientist
- Animal health representative
- Aquaculturist
- Farmer/rancher
- Federal/state inspector
- Government liaison/extension animal industries
- Pharmaceutical/veterinary sales
- Veterinarian

Specializations:

- Animal Science with a disciplinary focus (Behavior, Biochemistry, Genetics, Nutrition or Physiology)
- Aquatic Animals
- Avian Sciences
- Companion and Captive Animals
- Equine Science
- Laboratory Animals
- Livestock and Dairy
- Poultry

Contact Information:

1202 Meyer Hall
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animalscience.ucdavis.edu/
academics/undergrad/majors/ansci



Animal Science and Management

Incorporate marketing, economics and accounting skills into businesses and careers working with animals and related agricultural industries.

Careers:

- Agriculture commodity analyst
- Animal health/veterinarian
- Farmer/rancher
- Feed/pet store manager
- Livestock production manager
- Marketing specialist
- Owner/operator of animal-based businesses
- Pet food manufacturer
- Pharmaceutical sales/consultant
- Small animal facility manager

Specializations:

- Aquatic Animals
- Companion Animals
- Dairy
- Equine
- Livestock
- Poultry
- Individualized

Contact Information:

1202 Meyer Hall
530-754-7915
asac@ucdavis.edu
animalscience.ucdavis.edu/
academics/undergrad/majors/
ansci-mgmt



Atmospheric Science

Discover how humans and ecosystems interact with weather, climate and air quality. Gain a predictive understanding of the atmosphere to guide decisions about Earth's most important natural resource—the air we breathe.

Careers:

- Air quality specialist/scientist
- Atmospheric chemist
- Atmospheric science researcher
- Broadcast meteorologist
- Climate scientist
- Educator
- Environmental scientist
- Meteorologist
- Renewable energy consultant
- Weather forecaster

Contact Information:

1150 Plant and Environmental Sciences Building
530-752-1603
lawradvising@ucdavis.edu
lawr.ucdavis.edu



Biotechnology

Focus on the mechanics of life processes and their applications to improve human and animal health, food safety, energy production and environmental quality. This multidisciplinary field has an impact on almost every aspect of modern human life.

Careers:

- Biofuel specialist
- Bioinformatics
- Biomanufacturer
- Biomedical engineer
- Food scientist
- Genetic counselor
- Microbiologist
- Molecular biologist
- Physician
- Plant breeder

Specializations:

- Animal Biotechnology
- Bioinformatics
- Fermentation/Microbiology
- Plant Biotechnology

Contact Information:

1220 Plant and Environmental Sciences Building
plsadvising@ucdavis.edu
biotechmajor.ucdavis.edu



Clinical Nutrition

Apply principles of nutrition to guide people to eat healthier diets by means of nutrition therapy, education and research in hospitals, schools or communities. Fully accredited.

Careers:

- Dietetic technician
- Nutrition educator
- Food and drug investigator
- Food safety specialist
- Food service director
- Health and wellness educator
- Nurse/physician's assistant
- Degreed nutritionist
- Nutrition policy analyst
- Registered dietitian

Contact Information:

3202 Meyer Hall
530-752-2512 or 530-752-7094
nutritionadvising@ucdavis.edu
nutrition.ucdavis.edu

Your studies may take you

from high-tech laboratories and classrooms,
to fields and orchards brimming with fruits and veggies,

to **volunteering** in community shelters
or child development labs, to barns active with newborn animals.



Community and Regional Development

Build skills to manage communities and understand and shape economic and sociocultural forces transforming organizations.

Careers:

- Urban and/or regional planner
- Attorney
- Community development coordinator
- Community organizer and advocate
- Economic development analyst
- Human resources manager
- Nonprofit administrator
- Public servant
- Social entrepreneur
- Social worker

Specializations:

- Global Communities
- Organization and Management
- Policy, Planning and Social Services

Contact Information:

1303 Hart Hall
 530-752-2244
[humanecology.ucdavis.edu/
 community-and-regional-development](http://humanecology.ucdavis.edu/community-and-regional-development)



Entomology

Gain an understanding of insects and their diversity, while focusing on the importance of insects to science, the economy, environment and public health.

Careers:

- Agricultural inspector
- Apiculturist (beekeeper)
- Biosecurity
- Educator
- Forensic scientist
- Insect biologist
- Integrated pest management consultant
- Medical/veterinary entomologist
- Museum curator
- Pest control advisor

Contact Information:

150 and 160 Hutchison Hall
 530-754-7277
entomology.ucdavis.edu



Environmental Policy Analysis and Planning

Cultivate skills in evaluating environmental policy, transportation and planning, and natural resource management. Develop a deep understanding of the legal, economic, political and scientific issues involved in policymaking.

Careers:

- Air pollution analyst
- Energy policy specialist
- Environmental advocate
- Environmental attorney
- Legislative aid/legislator
- Natural resource analyst
- Transportation planner
- Urban and/or regional planner
- Water quality specialist
- Writer/journalist

Specializations:

- City and Regional Planning
- Climate Change Policy
- Conservation Management
- Energy and Transportation Planning
- Environmental Policy and Politics
- Integrative Policy
- Water Management

Contact Information:

2134 Wickson Hall
 530-752-7183
desp.ucdavis.edu



Environmental Science and Management

Explore the interaction of physical, chemical, biological and social components of environmental problems. Gain an understanding of the natural science behind environmental problems and how science impacts environmental decision-making.

Careers:

- Atmospheric scientist
- Conservation biologist
- Ecologist
- Environmental educator
- Environmental impact specialist
- Environmental scientist
- Geographic Information Systems (GIS) analyst
- Natural resource manager
- Soil scientist
- Watershed manager

Specializations:

- Climate Change and Air Quality
- Ecology, Biodiversity and Conservation
- Environmental Data Science
- Natural Resource Management
- Soils and Biogeochemistry
- Watershed Science

Contact Information:

2134 Wickson Hall
 530-752-7183
esmadvising@ucdavis.edu
esm.ucdavis.edu
 or
 1150 Plant and Environmental Sciences
 530-752-1603
esmadvising@ucdavis.edu
esm.ucdavis.edu



Environmental Toxicology

Discover how chemicals are released, transported and transformed in the environment and in organisms. Explore the health and performance effects of toxicants and other chemicals on humans and wildlife. Understand how we devise strategies to monitor and regulate the use of industrial or commercial chemical products.

Careers:

- Environmental chemist
- Environmental consultant
- Environmental policy advisor/attorney
- Forensic scientist
- Occupational health and safety manager/biohazard specialist
- Pharmacist/pharmaceutical scientist
- Physician/health care professional
- Public health scientist
- Research scientist/technician
- Risk assessment analyst

Specializations:

- Ecotoxicology and Environmental Chemistry
- Forensic Science and Regulatory Toxicology
- Molecular and Biomedical Toxicology

Contact Information:

1086 Academic Surge
530-754-9796
etoxadvising@ucdavis.edu
etox.ucdavis.edu



Food Science

Explore innovative approaches to grow, process, package, store and distribute food while building skills to improve the convenience, nutrition, safety, stability, sustainability, taste and value of foods. Institute of Food Technologists (IFT) approved program.

Careers:

- Brewmaster
- Chemist
- Food production manager
- Law and compliance specialist
- Manufacturing and packaging design engineer
- Quality control specialist
- Research chef
- Research and product development scientist
- Sensory scientist
- Toxicologist/safety expert

Specializations:

- Brewing Science

Contact Information:

1204 Robert Mondavi Institute—
South Building
530-752-3250
bftvadvising@ucdavis.edu
foodscience.ucdavis.edu



Global Disease Biology

Recognize and solve disease-related challenges on a local and global scale by studying the health connections between people, animals, plants and the environment through the One Health model.

Careers:

- Public health expert
- Epidemiologist
- Food safety specialist
- Genetic counselor
- Health policy maker
- Physician/registered nurse
- Plant pathologist
- Science writer/journalist
- Veterinarian
- World Health Organization associate

Contact Information:

150 Hutchison Hall
530-754-2281
gdb-advise@ucdavis.edu
gdb.ucdavis.edu



Human Development

Understand interactions among biological, psychological, social and contextual processes in humans throughout the life cycle.

Careers:

- Child care director
- Community health educator
- Counselor/psychologist
- Human resources director
- Humanitarian services
- K-12 teacher
- Nurse
- Physical therapist
- Physician
- Social worker

Contact Information:

1303 Hart Hall
530-752-2244
humanecology.ucdavis.edu/
academic-planning-resources

Our research
contributes to the
livelihood of farmers,
environmentalists,
ranchers, conservationists,
rural, suburban and city dwellers
in California and
worldwide.



Hydrology

Be immersed in the occurrence, distribution, movement, management and properties of water and its relationship with the environment. Apply scientific knowledge and mathematical principles to solve water-related problems in society: problems of quantity, quality and management.

Careers:

- Hydrologist
- Environmental scientist
- Floodplain manager
- Groundwater hydrologist
- Irrigation engineer
- Limnologist
- Water policy analyst
- Water quality specialist
- Water manager

Contact Information:

1150 Plant and Environmental Sciences Building
530-752-1603
lawradvising@ucdavis.edu
law.ucdavis.edu



International Agricultural Development

Explore ways that culture, economics and technology affect agriculture and gain the skills and knowledge to help produce and distribute food to the people of emerging economies.

Careers:

- Agricultural project manager
- Business manager
- Community organizer/advocate
- Corporate sustainability officer
- Educator/trainer
- Farmer/rancher
- International aid worker
- International development practitioner
- Pest control advisor
- Public interest advocate

Specializations:

- Agricultural Production
- Environmental Issues
- Rural Communities
- Trade and Economic Development

Contact Information:

1220A Plant and Environmental Sciences Building
plsadvising@ucdavis.edu
plantsciences.ucdavis.edu/undergraduate/international-agricultural-development-iaid



Landscape Architecture

Design and plan landscapes and environments that support desired ecological functions, integrate adaptive and regenerative technologies and foster equitable and inclusive communities. Curriculum based on design studio work. Fully accredited.

Careers:

- Landscape architect
- Architectural designer
- Ecological restoration planner
- Garden designer
- Horticultural designer/specialist
- Landscape construction manager
- Landscape ecologist
- Parks and recreation designer/manager
- Urban designer/planner
- Urban forestry specialist

Contact Information:

135 Hunt Hall
530-754-8628
humanecology.ucdavis.edu/landscape-architecture-major



Managerial Economics

Gain a thorough grounding in economic theory and practical business applications. Cultivate skills in quantitative methods, problem-solving strategies, critical thinking and effective communication that lead to promising careers in the business industry.

Careers:

- Accountant
- Analyst
- Entrepreneur
- Environmental planner
- Financial services consultant
- International consultant
- Manager
- Marketing/sales manager
- Real estate broker
- Stock/commodity broker

Specializations:

- Agribusiness Economics
- Business Economics
- Environmental and Resources Economics
- International Business Economics

Contact Information:

1176 Social Sciences and Humanities
530-754-9536
manecon@ucdavis.edu
manecon.ucdavis.edu

We work together

to address climate change, conserve habitat

and make sure all people have access to the food,

space and hope they need to thrive.



Marine and Coastal Science

Use foundational knowledge in marine sciences to understand the modern issues facing aquatic and coastal environments.

Careers:

- Aquaculture specialist
- Aquarium operations management
- Coastal geologist
- Ecotoxicologist
- Environmental chemist
- Fisheries biologist
- Marine biologist/ecologist
- Ocean/coastal policy coordinator
- Oceanographer
- Watershed planner

Specializations:

- Coastal Environmental Processes
- Marine Environmental Chemistry

Contact Information:

2119 Earth and Physical Sciences
530-752-9100
mcs-advisors@ucdavis.edu
eps.ucdavis.edu/mcs



Nutrition Science

Study food components, their biologic actions and how to promote healthy diets and impact nutrition policy and public health.

Careers:

- Physician
- Community nutritionist
- Educator
- Food scientist
- Laboratory researcher
- Nurse
- Nutrition policy analyst
- Pharmacist
- Physician assistant
- Public health analyst

Specializations:

- Nutritional Biology
- Nutrition in Public Health

Contact Information:

3202 Meyer Hall
530-752-2512
530-752-7094
nutritionadvising@ucdavis.edu
nutrition.ucdavis.edu



Plant Sciences

Learn how plants grow, develop and function in agricultural ecosystems, urban environments and natural and managed wildlands, and how plant products are utilized for food, fiber and environmental enhancement.

Careers:

- Certified arborist
- Crop safety specialist
- Environmental restoration consultant
- Greenhouse/indoor plant production specialist
- Pest and weed control advisor
- Plant breeder
- Plant geneticist
- Precision agriculture specialist
- Rangeland manager
- Sustainable plant production specialist
- Urban green space developer

Specializations:

- Crop Production and Agroecology
- Crop Quality and Safety
- Ecological Management and Restoration
- Environmental Horticulture and Urban Landscape Management
- Plant Breeding, Genetics and Genomics
- Plant Informatics
- Plant Sciences Individual Option

Contact Information:

1220 Plant and Environmental Sciences Building
530-752-1715
plantsciences.ucdavis.edu



Sustainable Agriculture and Food Systems

Address the environmental, social and economic challenges and opportunities associated with agricultural and food systems sustainability.

Careers:

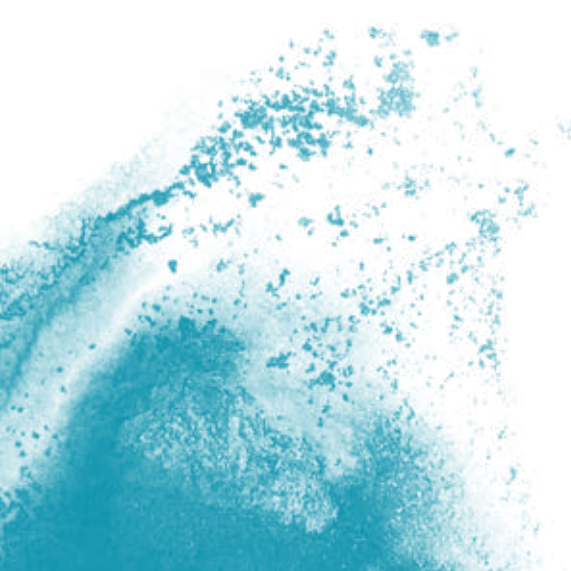
- Agriculture policy analyst
- Community organizer
- Educator
- Farmer/rancher
- Food systems manager
- International development practitioner
- Organic crops grower
- Permaculture specialist
- Small farm consultant
- Sustainability coordinator

Specializations:

- Agriculture and Ecology
- Food and Society
- Economics and Policy

Contact Information:

1152 Plant and Environmental Sciences Building
530-752-1603
asi.ucdavis.edu/programs/safs





Sustainable Environmental Design

Prepares students to be leaders and practitioners in the pursuit of more sustainable communities. Emphasizes critical thinking, problem-solving, interdisciplinary leadership and application of design and planning strategies to create more livable, equitable and ecologically sound communities and regions.

Careers:

- Architectural designer
- City or regional planner/ policy specialist
- Community development coordinator
- Ecological restoration specialist
- Environmental designer
- Environmental educator
- Environmental policy analyst
- Geographic Information Systems (GIS) specialist
- Sustainability manager/ coordinator
- Transportation planner

Contact Information:

135 Hunt Hall
530-754-8628
sed.ucdavis.edu



Viticulture and Enology

Study biological and physical aspects involved with grape and wine production and gain hands-on experience with grape growing and winemaking practices.

Careers:

- Cellar manager
- Chemist
- Enologist/laboratory manager
- Marketing specialist
- Microbiologist
- Sales representative
- Sensory scientist
- Tasting room manager
- Vineyard manager
- Winemaker

Contact Information:

1204 Robert Mondavi Institute—
South Building
530-752-3250
bftvadvising@ucdavis.edu
wineserver.ucdavis.edu



Wildlife, Fish and Conservation Biology

Understand the relationships between the needs of wildlife, people and the environment, and how these relationships are vital for the maintenance of ecological diversity, recreational resources and food supplies.

Careers:

- Aquaculture specialist
- Conservation biologist
- Educator
- Environmental attorney
- Fisheries biologist
- Forest/park ranger
- Marine biologist
- Veterinarian
- Wildlife rehabilitator
- Zoo biologist

Specializations:

- Fish Biology
- Wildlife and Conservation Biology
- Wildlife Health
- Individualized

Contact Information:

1086 Academic Surge
530-754-9796
wfcbadvising@ucdavis.edu
wfc.ucdavis.edu



Undeclared/Exploratory Program

Explore academic options, personal interests, strengths and career goals. This pre-major advising program assists students in defining and focusing academic interests.

Contact Information:

150 Mrak Hall
530-752-0108
caesadvising@ucdavis.edu
caes.ucdavis.edu



Academic Programs

CA&ES Undergraduate Academic Programs caes.ucdavis.edu/students

CA&ES offers a supportive network of faculty, staff and peer advisors who will provide you with advising from the moment you step on campus until graduation. We offer a variety of programs and classes, such as Career Discovery Groups and Aggie Jumpstart, to help you explore majors and careers, define your educational goals and provide guidance to help you stay on track. We also offer opportunities for you to connect with fellow students and gain leadership skills through events and student organizations.

Internships icc.ucdavis.edu

Many CA&ES students explore potential careers through internships both on and off campus. Our college offers opportunities for students to build on classroom learning in our animal facilities, greenhouses, laboratories and at the Student Farm. Our students also try out jobs in industry, in environmental endeavors and with community organizations. The UC Davis Internship and Career Center will help you get hands-on experience and find your career direction.

Career Discovery Groups caes.ucdavis.edu/students/cdg

Career Discovery Groups, a partnership between the College of Agricultural and Environmental Sciences and the Internship and Career Center, give first-year and new transfer students an opportunity to explore career possibilities and make academic choices for future success.

Aggie Jumpstart caes.ucdavis.edu/students/aggie-jumpstart

Aggie Jumpstart is a CA&ES program created to promote inclusive academic excellence and student success through community building, leadership and advising. In partnership with the Retention Initiatives and the Internship and Career Center, Aggie Jumpstart works to address the barriers that many first generation, low- income and underserved students experience. The program also provides students with a network of UC Davis staff, faculty and other campus communities.

Leadership opportunities

Aggie Ambassadors caes.ucdavis.edu/students/clubs/aa

Aggie Ambassadors take an active role in promoting the College of Agricultural and Environmental Sciences to potential students, peers, the campus community and outside communities. Members serve as student ambassadors and work to improve their leadership development and communication skills by participating in student panels, college workshops, and engaging with prospective K-12 students and community college transfers.

MANRRS caes.ucdavis.edu/students/clubs/manrrs

MANRRS at UC Davis offers students the chance to enhance leadership, organizational and public speaking skills and receive critiques of scholarly work in a supportive environment. MANRRS is changing the face of agriculture, natural resources and related sciences by providing industry with a diverse pool of talented leaders. The program connects students to career and networking opportunities that can help them advance within highly competitive fields.

Preparatory subject matter at a glance

This chart shows some lower division prep course work across our 27 majors. Many of our majors' lower division preparatory courses overlap, which means you can explore various interests while still making progress toward your intended major. You can also use this chart to determine which majors match your own interests in certain subjects. Take some time to consult the General Catalog and/or reach out to our academic advisors to learn more about specific majors and degree requirements.

If you are looking to transfer, use assist.org to find available lower division courses at your community college to make progress in your intended major. Completing these lower division courses at your community college will help you dive into your upper division course work upon transferring. This chart does not include all preparatory subject matter. For more information, review the General Catalog for more details on university, college and major requirements. catalog.ucdavis.edu

*Required courses for this subject vary by area of interest. See additional information in the General Catalog at catalog.ucdavis.edu.

** For Environmental Toxicology there is also a writing requirement, Writing 101 or 104 A-1.

	Biological Science	Chemistry
Agricultural and Environmental Education	2A/B	2A/B
Agricultural and Environmental Technology	—	2A/B
Animal Biology	2A/B/C	2A/B/C and 8A/B or 118A/B
Animal Science	2A/B/C	2A/B and 8A/B or 118A/B
Animal Science and Management	2A/B/C	2A/B and 8A/B or 118A/B
Atmospheric Science	Plant Sciences 2	2A/B
Biotechnology	2A/B/C	2A/B/C and 8A/B or 118A/B/C or 128A/B/C/129A
Clinical Nutrition	2A/B	2A/B/C and 8A/B
Community and Regional Development	—	—
Entomology	2A/B/C	2A/B
Environmental Policy Analysis and Planning	2A or 2B or 10	2A or 10
Environmental Science and Management	2A/B/C	2A/B
Environmental Toxicology**	2A/B/C	2A/B/C and 118A/B/C or 128A/B/C/129A
Food Science	2A	2A/B/C and 8A/B or 118A/B/C
Global Disease Biology	2A/B/C	2A/B/C and 8A/B or 118A/B
Human Development	2A or 10, MIC 10, MCB 10, NBP 10 or 12 (See General Catalog)	—
Hydrology	2A/B	2A/B/C
International Agricultural Development	2A/B and/or Plant Sciences 2 *	2A/B *
Landscape Architecture	2B	See General Catalog
Managerial Economics	—	—
Marine and Coastal Science	2A/B/C	2A/B/C
Nutrition Science	2A/B/C	2A/B/C and (8A/B or 118A/B or 128A/B/129A)
Plant Sciences	2A/B and Plant Sciences 2	2A/B/C and 8A/B or 118A/B/C
Sustainable Agriculture and Food Systems	2A or 10 (2A/B for Agriculture and Ecology track only)	(2A/B for Agriculture and Ecology track only)
Sustainable Environmental Design	2B	See General Catalog
Viticulture and Enology	2A and Plant Sciences 2	2A/B/C and 8A/B
Wildlife, Fish and Conservation Biology	2A/B/C	2A/B and 8A/B

Undeclared/Exploratory Program

Determined by area of interest. Students can consult with dean's office advisors or intended major advisors to discuss preparation based on interests.

Computer Science	Math	Physics	Statistics
—	16A/B or 17A/B or 21A/B	7A/B	—
Technology-Agricultural and Environmental 30	17A/B/C or 21A/B/C	1A/B or 7A/B	Statistics 13
—	16A/B/C or 17A/B/C or 21A/B/C	7A/B/C	Statistics 13 or 100 or 102 or Plant Sciences 120
—	16A/B or 17A/B or 21A/B	—	Statistics 100 or Plant Sciences 120
Plant Sciences 21 or Computer Science Engineering 15	16A/B/C or 17A/B/C or 21A/B/C	—	Statistics 100 or 103 or Plant Sciences 120
Computer Science Engineering 36A or course selected with advisor's approval	21A/B/C/D and 22A/B	9A/B/C	Statistics 13
—	16A/B or 17A/B or 21A/B	7A/B	Statistics 100 or Plant Sciences 120
—	Check with major advisor	—	Statistics 13
Plant Sciences 21 or Computer Science Engineering 15	—	—	Sociology 46B or Statistics 13 or 32
—	16A/B or 17A/B or 21A/B	1A/B	Statistics 13 or 32 or 100 or Plant Sciences 120
Plant Sciences 21 or Communication 12Y	16A/B or 17A/B or 21A/B	1A	Statistics 13 or 32
—	16A/B or 17A/B or 21A/B	7A/B/C or 1A/B	Statistics 13 or 100 (Statistics 100 recommended)
—	17A/B/C or 21A/B/C	7A/B/C	Statistics 100 or 102 or 103 or 104 or 106 or 108
—	16A/B/C	7A/B/C	Statistics 13
—	17A/B/C or 21A/B/C	7A/B	Statistics 13 or 100
—	—	—	Psychology 41 or Statistics 13 (See General Catalog)
Engineering 6	21A/B/C/D and 22A/B	9A/B/C	Statistics 130A/B or Civil and Environmental Engineering 114
—	16A/B * or 19A/B	*	Statistics 13 or Plant Sciences 120 or Sociology 46B *
See General Catalog	See General Catalog	See General Catalog	See General Catalog
—	17A/B/C, 19A/B/C (preferred) or 21A/B/C	—	Statistics 13 and 103
—	16A/B/C or 17A/B/C or 21A/B/C (See college advisor)	7A/B/C or 9A/B/C	Statistics 100
—	16A/B or 17A/B (Biology option only)	1A/B or 7A/B (Biology option only)	Statistics 13 or 100 or Plant Sciences 120 and Sociology 46 or Psychology 41
PLS 021 or 021V	17A/B	7A/B/C	Plant Sciences 120
—	16A/B *	1A (Agriculture and Ecology track only)	See General Catalog
See General Catalog	See General Catalog	See General Catalog	See General Catalog
Plant Sciences 21	16A/B or 17A/B or 19A/B or 21A/B	1A/B or 7A	Statistics 106 or Plant Sciences 120
—	17A/B	1A/B	Statistics 100 or 102 or Plant Sciences 120 or Wildlife 103



What's next?

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