

AGRICULTURE and NATURAL RESOURCES

What can I do with this degree?

AREAS	EMPLOYERS	STRATEGIES
<u>ECONOMICS & BUSINESS</u> Appraisal Consulting Risk Management Credit Analysis Management, Retail/Wholesale Marketing Sales Public Relations Finance/Banking Economic and Policy Analysis Commodity Trading Farm Management Foreign Service	Agricultural businesses Production industries Credit agencies, banks, brokers Real estate and appraisal services Public/private market analysis firms Farm information services utilizing mass communications County agricultural offices Purchasing/supply firms Feedlot operations Federal government/private foundations Farm Cooperative services Agrochemicals Feed/Seed companies Self-employment	Learn a foreign language(s) and study foreign cultures. Plan on securing M.S. or Ph.D. for advancement. Investigate co-op and internship opportunities. Gain work experience in area of interest. Consider study abroad program. Learn federal job application procedure.
<u>EXTENSION/EDUCATION</u>	Schools Extension services Agricultural agencies Agribusinesses Government agencies-all levels	Obtain teacher certification; secondary area in ornamental horticulture helpful. Develop excellent writing and speaking skills. Take courses in economics and community development. Learn to work well with all types of people. Be willing to live in rural communities for extension positions.
<u>BIOSYSTEMS ENGINEERING</u> Power and Machinery Structures and Environment Electronic Systems Soil & Water Conservation Food Engineering Engineering Technology	Foreign Service Equipment design, testing and manufacturing firms Equipment and food industries including processing, packaging and storing Quality control--food, feed, fiber, etc. Biotechnology research firms Local, state and federal government	Consider co-operative education opportunities. Gain experience as mechanic or technician. Develop strong math skills and problem solving abilities. Need advanced degrees for research and development.

AREAS	EMPLOYERS	STRATEGIES
<u>ANIMAL SCIENCE</u> Research Inspection Sales Farm Production and Management Veterinary Science	Genetic research organizations Agribusinesses: meat, poultry, feed Government laboratories Livestock producers Feed companies; Feedlot operations Educational agencies, including human and animal nutrition Supply and equipment industries Extension services Veterinary practices	Gain additional laboratory/research experience. Obtain knowledge in sales and business principles. Develop good communication/teaching skills. Get experience in veterinary medical practice and plan to attend veterinary school.
<u>FOOD SCIENCE & TECHNOLOGY</u> Quality Assurance Research Food Chemistry, Microbiology Manufacturing & Distribution	Food industry, including: Processing plants Quality control units Manufacturing Distribution State and federal laboratories	Plan on securing advanced degrees for promotion. Get additional laboratory/research experience. Find a related internship. Take courses in chemistry, biology, microbiology.
<u>FORESTRY</u> Forest Recreation Resource Interpretation Resource Management Wood Products/Utilization	Local, state and federal government Lumber, pulp and paper industries Private industry/landowners Nature Centers	Develop physical stamina, resourcefulness, and outdoor skills. Consider a business or computer science minor. Gain experience through volunteer opportunities or internships.
<u>WILDLIFE & FISHERIES</u> Conservation Resource/Range Management Wildlife/Fisheries Biology Aquaculture	Local, state and federal wildlife, wilderness, research area management Private industries, e.g. aquaculture production firms County/municipal agencies Foundations, museums, nature centers, zoos	Develop physical stamina, outdoor skills, and attention to detail. Consider business minor and additional communications courses including conflict management. Develop skills in working with people. Get paid or volunteer experience while in school.

AREAS	EMPLOYERS	STRATEGIES
<u>PLANT & SOIL SCIENCES</u> Crop Production Management Research Environmental Science Plant Breeding Soil and Water Conservation Pest Management Farm Management Sales	Extension services Federal agencies Agribusiness Construction agencies at state and local levels for soil and plant tissue analysis Plant propagation/production agencies International agricultural agencies	Find a related internship. Develop effective communication skills. Take courses in business and geology.
<u>ORNAMENTAL HORTICULTURE & LANDSCAPE DESIGN</u> Growing/Production Design Landscape Construction Nursery Management Arboriculture Turfgrass Management Sales	Landscaping firms, garden centers, parks, golf courses, cemeteries, theme parks, industrial sites Wholesale growers: nurseries, greenhouses, florists Retail outlets City and highway departments Botanical gardens, arboretums Floral designers Government agencies at local, state and national levels Self-employed	Get practical experience in the field. Develop skills in speaking, writing and photography. Plan on getting a business minor.
Plant Therapy	Health-related organizations and community centers	Need H.T.R. (Registered Horticultural Therapist) licensure.

(Agriculture & Natural Resources, p.4)

AREAS	EMPLOYERS	STRATEGIES
<u>OTHER OPTIONS FOR AG MAJORS</u> Field Representation Research & Development Advertising Sales/Promotion Management Technical Writing Entomology/Pathology Molecular/Cell Biology Illustration Training Labor Relations Regional Planning	Business and industry Nonprofit organizations Peace Corps Public-health agencies Environmental protection agencies Educational/health-related services Private foundations International agencies Professional trade organizations: publications, videotapes, radio and TV spots Municipal, state, federal agencies	Take electives or earn a minor in areas appropriate for interests. Develop strong interpersonal skills. Develop excellent communication skills, both written and oral. Gain job/volunteer experience and/or practica/internships in area of interest.