

minnstate.edu/AFNRcareers

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Visit us at agcentric.org

Judy Barka **Assistant Director** Judy.Barka@clcmn.edu (320) 221-0219

Visit us at centerofagriculture.org

Couriney Spence Outreach and Recruitment Coordinator Courtney.Spence@southcentral.edu (507) 389-7301



These workforce development scholarships are for students pursuing careers within advanced manufacturing, agriculture, health care services, information technology, early childhood education, and transportation at any of the 26 state colleges of Minnesota State.



For more information

and to apply visit: ww.minnstate.edu/wds

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Agriculture, Food, & Natural Resources (AFNR) MAJORS & PROGRAMS by Career Cluster	Agribusiness Systems	Power, Structural, and Technical Systems	Natural Resources Systems	Food Products and Processing Systems	Environmental Systems	Animal Systems	Plant Systems	Biotechnology
Alexandria Technical & Community College		•						
Anoka Technical College		•						
Anoka-Ramsey Community College		•			•	•		•
Bemidji State University		•				•		•
Central Lakes College	•	•	•	•		•		
Century College		•			+			
Dakota County Technical College		•		•	•	•		
Fond Du Lac Tribal & Community College		•	•		Ť		•	
Hennepin Technical College		•	•	•	•			
Inver Hills Community College		•	•		Ť			
Lake Superior College Minnesota North College		•	•	•		•		
Minnesota State College Southeast	•	•	Ť	•		•		
Minnesota State University, Moorhead		•			•	•		
Minnesota State Community and Technical College		•			•			
Metro State University					•			
Minneapolis Community & Technical College		•	•					
Minnesota State University, Mankato	•	٠		٠	•			•
Minnesota West Community & Technical College	•	٠	•	•	•	•	•	•
Normandale Community College				٠	T			
North Hennepin Community College					٠			
Northland Community & Technical College	•	٠			T	٠		
Pine Technical & Community College		٠			Т			
Ridgewater College	•	٠		٠		٠	٠	
Riverland Community College	•	٠		٠	T			٠
Rochester Community and Technical College		٠			٠	٠		
St. Cloud State University		٠	٠		٠	٠		
Saint Paul College		٠		٠				
St. Cloud Technical & Community College		٠		٠	٠			
South Central College	٠	٠		٠		٠	•	
Southwest Minnesota State University	•			٠	•	٠	•	
Winona State University					•	٠		
MinnState.edu/online	•	٠						

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Minnesota State Colleges & Universities

BOARD OF WATER AND SOIL RESOURCES

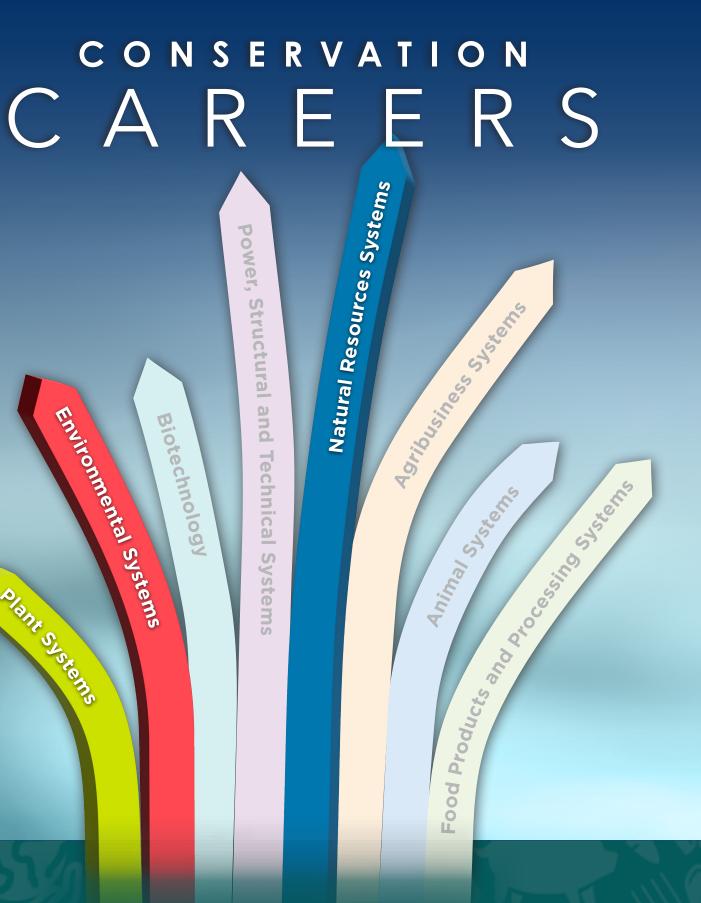
Systems Plank Systems

Biotechnology

Environmentals



November 2024



MINNESOTA STATE Agricultural Centers of Excellence

Are you going in the right direction?

which t

- \$101

st)

\$88,000

- \$112,000

- \$73,000 - \$123,000

- \$75,000 · \$115,000

- \$107,000

Explore a future career in Conservation Agronomy!

TOP EMPLOYERS ADVERTISING ROLES

- **1** The Nature Conservancy
- 2 Innovative Ag Service
- 3 Cargill
- **4** Natural Resources Conservation Service
- 5 Soil and Water Conservation Areas
- 6 Pheasants Forever

SOURCE: 2020 Minnesota Economic Contribution Study of ariculture and Forestry

HIGH-LEVEL STATISTICS AND OBSERVATIONS FROM JOB POSTINGS BY NRCS AND SWCDS

Soil Science, Resource Management, Biological Science, Agronomy, and Public Law were common **KNOWLEDGE AREAS** needed across most career pathways.

SOURCE: RealTime Talent analysis of online job posting data aggregated using TalentNeuron, accessed October 22, 2024 All content in this report details aggregate data from online job postings newly advertised by NRCS and SWCDs October 15, 2023 and October 14, 2024 in the Midwest (Minnesota, Iowa, Wisconsin, North Dakota, and South Dakota) with the exception of the overall median advertised salary for each pathway. This represents median advertised vages for pathway jobs posted by any employer in Minnesot

Pathway Description Support the design and implementation of wetland restoration and enhancement on public and private lands, or inspect sites permitted for construction with regard to erosion and sediment control (ESC) practices. Supervisory Interdisciplinary (Technical Services Lead) - \$65,000 - \$115,000 Civil Engineer / Agricultural Engineer -\$94,000 - \$108,000 Interdis NR Specialist Civil/Agri Engineer (Water Resources) - \$113,000 Water Resource Education Senior Technician - \$59,000 - \$65,000 Seasonal Water Monitoring Technician - \$40,000 - \$43,000 Wetland Engineering Technician - \$39,000 - \$41,000

> Hydrology / Statics Planning Soil Science Optics Fluid Mechanics / Thermodynamics Mathematics / Calculus

> > **Environmental** Systems

Top Foundational Skills and Traits Identified by Employers

- Communication
- Relationship Development Collaboration
 - Independent Work
 - Leadership
 - Self-Motivated
 - Interpreting Oriented toward
 - innovation
 - Influencing
 - Facilitation

Planning / Scheduling

Conservation Administrative Support Specialist - \$40,000 - \$45,0 Agronomy Student Trainee - \$50,000 - \$58,000 3usiness Manager (ASTC - Management and Strategy) - \$54,000 - \$64,000

occupations is about \$75,000

Pathway Description Coordinate activities that contribute to the protection, manager nent, and thriving of natural resources, including financial, administrative, managerial, and supervisorial role 571,000

IN 2050 THERE WILL BE BILLION PEOPLE TO FEED.



TOP KNOWLEDGE AREAS AND HARD SKILLS IDENTIFIED

- Agronomy
- Implementation
- Research/Analysi
- Planning
- Resource Management
- Soil Health/Soil Science
- Natural Resources
- Regenerative Agriculture
- Agriculture Industry Trends
- Marketing

SOURCE: RealTime Talent, Annual wage increase amounts calculated in comparison to the same MN State AFNR Care

of job postings advertised in the 0 **Midwest by NRCS** and SWCDs are for CONSERVATION **SCIENTISTS**

Agriculture, Food & Natural Resources Career Cluster November 2024