

## TENURE-TRACK POSITION IN NATURAL RESOURCES – Forest Ecology, Management, and Remote Sensing/GIS – UNIVERSITY OF MINNESOTA CROOKSTON

**INSTITUTION:** The University of Minnesota Crookston (UMN Crookston) is dedicated to equitable and inclusive education as well as to its access mission as a land-grant university. With an enrollment of 1,750 students spanning on-campus and online programs, UMN Crookston serves the highest proportions of first generation, low-income, rural, and adult learner populations within the University of Minnesota system. The racial diversity of the student body is significantly higher than that of the region, though it lags behind the demographics of elementary and high schools in the region. UMN Crookston has strategically committed to closing this gap by further diversifying its faculty, student affairs staff, and student body. As a part of its commitment to comprehensive equity and inclusion, UMN Crookston is a leading educational provider for college students from rural communities, and the university partners with several regional high schools to offer non-degree dual-enrollment courses for high school students.

Located in the small college town of Crookston, Minnesota, UMN Crookston proudly carries on a tradition of over a century of educational service to northwestern Minnesota. UMN Crookston delivers educational programs that build upon a broad academic foundation and combine theory, practice, and hands-on experimentation. Since 1993, UMN Crookston has equipped all on-campus students and faculty with laptop computers. UMN Crookston has received national recognitions for the value of its education, affordability, and impact on social mobility. U.S. News recently named UMN Crookston as its top “Midwest Top Public Regional College.”

**POSITION:** Full-time, nine-month, tenure-track position in the Agriculture and Natural Resources Department at the Crookston campus of the University of Minnesota starting August 15, 2022. Salary and rank commensurate with qualifications and experience. A competitive fringe benefits package is offered.

**RESPONSIBILITIES:** Develop and deliver high-quality undergraduate instruction in forest ecology, silviculture, and the technological applications used in sustainable forestry management that use remote sensing and GIS technologies, which could also be applied to agronomic systems. One focus of the position will be on incorporating appropriate United Nations Sustainable Development goals into the curriculum while providing hands-on, lab-based instruction on forest management practices. This position is expected to develop strong ties with the U.S. Forest Service, the Minnesota Department of Natural Resources, regional tribal governments, the Natural Resources Research Institute (NRRI) at the University of Minnesota Duluth, and other appropriate agencies and private organizations. The position is also expected to maintain and develop new connections with regional technical and community colleges for articulation pathways for undergraduate students and be active in other program and departmental recruiting efforts.

In addition, tenure-track faculty members are required to establish and maintain their own research agendas, which may include community engaged scholarship work and work with undergraduate students. Pursuit of externally-funded grants to support research is encouraged. Service is required in accordance with tenure track criteria. The faculty member is expected to help further develop the program; advise students and program-related extracurricular clubs; foster equity and a sense of belonging among all students; and actively participate in recruitment, assessment, and retention efforts.

The successful candidate will teach 9-12 undergraduate credits per semester. Anticipated course assignments may include Introduction to Natural Resources, Elements of Forestry, Introduction to GIS, GIS Applications, Field Techniques in Natural Resources, Forest Ecology and Management, Forest Recreation, Integrated Resource Management, Statistical Research Techniques in Agriculture and Natural Resources, or other courses suited to candidate's qualifications, expertise, and programmatic needs.

**MINIMUM QUALIFICATIONS:** Doctorate in Forestry, Ecology, Natural Resources, or related field; Effective communication skills; record of effective teaching, preferably at the undergraduate level; broad experience with remote sensing/GIS/LiDAR technologies as applied to forest ecology and management; demonstrated experience in field-based applications of forest management and ecology and related field-based skills; ability to draw upon cultural and community-based knowledge in teaching and research; ability to demonstrate cultural competency within the scope of the land grant mission.

**PREFERRED QUALIFICATIONS:** Campus and online teaching experience; familiarity with the forest cover types of the Upper Midwest; research experience in an academic institution; field experience with a forest or natural resource management agency; experience with externally funded projects and grants; proficiency in a second language, preferably Spanish.

**APPLICATION PROCEDURE:** Review of applications will begin February 11, 2022, and will continue until the position is filled. Application materials will include a current curriculum vita, a cover letter, a copy of all college transcripts, and a list of 3-5 professional references. **In addition to addressing the minimum and preferred qualifications, the cover letter must address indicators of the candidate's ability to promote equity and inclusion at a small campus in a rural context.** Visit <https://employment.umn.edu>, job ID 345235, for complete instructions on how to apply electronically. Calls of inquiry welcome by contacting Anthony Kern, Division Head, by phone: (218) 281-8360 or email: [akern@umn.edu](mailto:akern@umn.edu).

***The University of Minnesota is an equal opportunity educator and employer. Women and members of minority groups are encouraged to apply.***