



UM | Faculty of Agricultural and Food Sciences

Instructor II / Senior Instructor (Position 30990) **Department of Biosystems Engineering**

Job Description:

The Department of Biosystems Engineering at the University of Manitoba invites applications for a full-time probationary Instructor position at the rank of Instructor II or Senior Instructor with an anticipated start date of July 1, 2022. Salary will be commensurate with experience and qualifications.

Responsibilities:

The successful candidate is expected to: 1) provide leadership to the teaching and administration of the first-year engineering design course that the Department of Biosystems Engineering delivers as part of the Preliminary Engineering program in the Price Faculty of Engineering (i.e., ENG 1430); 2) teach undergraduate courses in the Biosystems Engineering program, with a particular emphasis on the departmental design courses (i.e., BIOE 2900, BIOE 3900, BIOE 4900 or BIOE 4950); 3) collaborate with other academics in the department and Price Faculty of Engineering in the assessment of graduate attributes to support the on-going accreditation requirements of the University of Manitoba's engineering programs; 4) participate in recruitment events and activities planned by either the department or the Price Faculty of Engineering; and 5) participate in the department's committee responsibilities within the University of Manitoba community.

Qualifications:

The successful candidate must: 1) hold an undergraduate engineering degree; 2) be registered or be eligible for registration as a Professional Engineer with Engineers Geoscientists Manitoba; 3) hold at least one post-graduate degree (e.g., M.Sc., Ph.D.) in a related discipline (a Ph.D. is required for appointment to the rank of Senior Instructor); 4) have demonstrated teaching experience at a post-secondary institution, preferably with experience in teaching engineering design; and 5) possess the necessary personal attributes to collaborate effectively in a team environment.

Additional Information:

Administratively, the Department of Biosystems Engineering resides in the Faculty of Agricultural & Food Sciences but delivers an undergraduate engineering program whose accreditation and administration is through the Price Faculty of Engineering. Thus, there are strong connections and responsibilities to both faculties. There are currently 13 tenured or tenure-track professors, three full-time instructors, and the equivalent of 6.7 support staff (2.7 administrative & 4 technical). Undergraduate enrolment in the Biosystems Engineering program is approximately 150 students, with an additional 50-60 graduate students in the Masters or Ph.D. programs. The undergraduate teaching responsibilities of the department include courses for the accredited B.Sc. in Biosystems Engineering and service courses for the degree and diploma programs in Agricultural & Food Sciences.

The University of Manitoba (<http://www.umanitoba.ca/about>) is the province's largest, most comprehensive and only research-intensive post-secondary educational institution. It is home to a wide range of research centres and institutes. The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons, Indigenous Peoples, persons with disabilities, persons of all sexual and genders identities, and others who may contribute to the

further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

If you require accommodation supports during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-7195. Please note this contact information is for accommodation reasons only.

The University of Manitoba is located in Winnipeg, a prairie city with a population exceeding 700,000. Its ethnic diversity is notable and is celebrated through its many annual Festivals. Winnipeg is proud of its world-class arts and entertainment and professional sports teams. The City boasts a balanced lifestyle with affordability, as the Winnipeg housing market is one of Canada's most favourable. Winnipeg is also close to great outdoor recreational activities with a wide variety of lakes, beaches, and wilderness areas within a quick drive from the City. For more information about the City of Winnipeg, visit: <https://destinationwinnipeg.wordpress.com> and <http://www.winnipeg.ca/interhom/>

Applicants interested in this position are asked to submit the following:

- cover letter,
- curriculum vitae,
- teaching dossier that includes a statement of teaching philosophy, sample course materials and teaching evaluations (maximum five pages),
- a statement describing past, present, or planned actions to promote and further develop equity, diversity and inclusion in the academic community (maximum one page), and
- names and contact information of three references.

Applications will be accepted until December 1, 2021.

Enquiries and applications should be directed to the Search Committee Chair:

Dr. Danny Mann, P.Eng.
Professor & Head
Department of Biosystems Engineering
E2-376 EITC
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Winnipeg, Manitoba R3T 5V6
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E-mail: Danny.Mann@umanitoba.ca

Application materials and letters of reference will be handled in accordance with the protection of privacy provisions of "The Freedom of Information and Protection of Privacy" (Manitoba). Please note that any submitted curriculum vitae will be made available to participating members of the search process.