

TEACHING POSITIONS IN ENVIRONMENTAL DESIGN

The Positions [4]: The Environmental Design Program invites applications for 4 full-time Positions at the minimum rank of Instructor I, with a starting date of July 1, 2009 or as soon thereafter. Candidates with demonstrated teaching, research, and/or practice excellence are invited to apply.

The Faculty of Architecture at the University of Manitoba is dedicated to studies in the design of human settlements. It includes an undergraduate program in Environmental Design as well as four graduate departments offering professional degrees in; Architecture, City Planning, Interior Design and Landscape Architecture, and; a Ph.D. program in Design and Planning. Further details can be obtained from the FAUM web site (www.umanitoba.ca/architecture/).

The Bachelor of Environmental Design Degree is a four year program of studies consisting of two years of common 'Foundation Studies' [ED1 and ED2] followed by two years of 'Intermediate Studies' [ED3 and ED4]. The third and fourth years are referred to as the 'Option Years' and currently include: Architecture; Interior Environments, and; Landscape + Urbanism. Foundation Studies challenges students to understand the holistic nature of environmental design and, at an early stage, begin to establish a trans disciplinary dialogue with their peers. The Intermediate Studies exposes and challenges students to academic and professional design theories and practices specific to a particular design discipline.

Ideal Candidates will:

- understand environmental design as a strong trans-disciplinary field of inquiry
- value undergraduate design education, particularly beginning design foundation studies
- demonstrate exemplary teaching and studio instruction at the undergraduate level
- support design as a way of thinking, making and acting in the world
- recognize experimentation and innovation as essential to design education
- appreciate the need for collaborative design practices, at a range of scales, locally and globally
- advance design knowledge with due rigor and scholarship through independent inquiry

Position #09099

Teaching and research / practice focus on ecological design. Courses include Ecology and Design; Natural and Human Systems; Design Studio 1 and 2. The candidate should be conversant in ecology and design works in which these tenets are considered, engaged, and/or demonstrated. Topics fundamental to ecology will structure course content. Emphasis will be placed on understanding the forces and systems working within and between natural, social and human environments. Related studies will be directed to foster alternative value systems, to address complex problems relating to environmental and social degradation, and to develop an understanding of ecological design practices in local and global contexts.

Position #09102

Teaching and research / practice focus on environmental design history and theory. Courses include Introduction to Environmental Design; Design Studio 1 and 2. The candidate should be conversant in the field of environmental design practices through various periods in history, in both eastern and western contexts. Related studies will be directed to 19th and 20th century theories, practices and works as well as those emerging in the early 21st century, and to understanding environmental design as a trans disciplinary pursuit in the context of contemporary issues facing society in the built and natural environments.

Position #09100

Teaching and research / practice focus on design media and communications. Courses include Visual Media 1 and 2; Design Studio 1 and 2. The candidate should be conversant in traditional and contemporary media – to develop, to express, and to communicate design intentions. Related studies will be directed to abstract and concrete methods of representation that bridge technical and freehand drawing with computer / digital media and modeling [in relation to emerging 2, 3, and 4 dimensional modes of representation], and to advancing the integral relationship between 'thinking, drawing, and making' in the context of a rigorous design studio setting.

Position #09101

Teaching and research / practice focus on technology and tectonic culture. Courses include Materials, Structures, Assemblies; Tectonic Precedent; Design Studio 1 and 2. The candidate should be conversant in: applied statics, construction materials and construction system assemblies for exterior, building, and interior constructions; construction material properties and applications, including impacts on resource depletion and on sustainable building practices. Related studies will be directed to the examination of environmental design practices that are representative of diverse positions, and to understand the relationship between technology and tectonic culture.

Teaching responsibilities for these positions will include design studio, seminar and lecture format courses at the undergraduate level. Successful candidates will demonstrate the ability to teach and to inspire students, and to facilitate the integration of design within core areas of the curriculum, and vice versa. They should also demonstrate an affiliation between their area of teaching and expertise. Other responsibilities may include advancing environmental design research / practice as well as service to the academy and / or the community.

Qualifications. A minimum of a Master's level design degree is required, preferably with a Ph.D or as a Ph.D. candidate in a related field. A demonstrable body of design research and / or critical practice is also required.

Salary will be commensurate with qualifications and experience at a minimum Instructor 1 level. Two Positions are probationary and two Positions are 3 year term. These Positions are offered in accordance with the terms and conditions of the current collective agreement between the University of Manitoba and the University of Manitoba Faculty Association. Review of applications will begin March 26, 2009 but the searches will remain open until all Positions are filled.

Application Details. The University of Manitoba encourages applications from qualified men and women, including members of visible minorities, Aboriginal peoples, and persons with disabilities. All qualified candidates are encouraged to apply, however, Canadians and permanent residents will be given priority.

Applicants are required to submit a curriculum vitae, a portfolio of their research, scholarship, creative activities and / or practice, a statement of their teaching philosophy [or a record of teaching effectiveness], and the names of three references. Application materials, including 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 curriculum vitae may be provided to participating members of the search process.

Applications and inquiries should refer to the Position number(s), as noted above, and be addressed to:

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