



PROGRAM OPTIONS
 B.EN.V.D. : 4 YEARS
 B.EN.V.D. (2ND DEGREE) : 2 YEARS
 CO-OP AVAILABLE

**MAP OUT YOUR CAREER PATHWAY
 FROM THE START OF YOUR ACADEMIC JOURNEY!**



COMPASS ENVIRONMENTAL DESIGN

This tool will provide you with the information you need for academic planning and connect you with experiences to develop the knowledge, skills and attitudes that employers are seeking.

ENVIRONMENTAL DESIGN AT THE UNIVERSITY OF MANITOBA

As an environmental design student in the Faculty of Architecture, you will explore the basic knowledge, language and foundational material shared by all environmental design disciplines in year one and two. In years three and four you will focus on discipline-specific design theories and practices. The options below prepare you for graduate studies and eventual professional designation:

- 1. Architecture Option:** focuses on transforming the lessons of history, technology, culture, the environment and regional and social aspirations into a program for architecture.
- 2. Interior Environments Option:** emphasizes the design of interior spaces within the context of architecture and the design of objects that respond to the human body and to interior spaces.
- 3. Landscape + Urbanism:** is suited to students with a broad interest in understanding and shaping human settlement and habitat.

Students with a pre-existing degree can apply to the environmental design Architecture Masters Preparation (AMP) option.

SKILLS YOU WILL GAIN BY STUDYING ENVIRONMENTAL DESIGN

- The ability to interpret, analyze and design the built environment
- The ability to critically examine the impact of cultural, environmental and natural processes and systems
- A knowledge of the principles and applications associated with construction materials and assemblies with an emphasis on resource impact
- The ability to share information using a range of communication methods

FACULTY OF ARCHITECTURE

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 (204) 474-6578
 env.design@umanitoba.ca
 umanitoba.ca/environmentaldesign

CAREER SERVICES

474 University Centre
 65 Chancellors Circle
 (204) 474-9456
 cs.receptionist@umanitoba.ca
 umanitoba.ca/student/careerservices

WE ARE HERE TO HELP
 The university wants you to succeed in all areas of your life! Visit these resources and help centres:

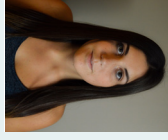


This circular model is rooted in Indigenous culture and shows the interconnectedness of development and success.

RECOMMENDED ANNUAL CHECKLIST

- ❑ Know the degree requirements and university regulations that apply to your program
- ❑ Meet with an academic advisor to ensure your academic plan meets degree requirements
- ❑ Run a degree audit in UM Achieve
- ❑ Check in with a career consultant to review progress on your career plan
- ❑ Engage in an experiential learning opportunity
- ❑ Update your resumé and LinkedIn profile with applicable experiences
- ❑ Get involved outside of the classroom and get recognized on your Co-Curricular Record

STUDENT SPOTLIGHT



"The best advice I could give to any new student would be to never get discouraged;

you are in school to make mistakes and to learn, make it challenging on yourself. Always make design choices that you personally like and can stand behind."

Mackenzie Swope, environmental design student

Read stories of alumni and senior students who mapped their own academic and career plan to fit with their skills, abilities and interests:
umanitoba.ca/careercompass

WHAT DO EMPLOYERS WANT?

Industries such as construction, design, film and theater, government, retail and service would value an environmental design degree in combination with the employability skills that are highly sought after by employers. These include:*

- Critical thinking
- Teamwork
- Adaptability
- Oral, written and visual communication
- Personal management
- Digital technology
- Industry specific knowledge
- Continuous learning

Attain skills through your classroom education and take advantage of experiential education opportunities.

**Information has been taken directly from Employability Skills 2000 and Workplace Education Manitoba – Essential Skills.*

WHAT IS EXPERIENTIAL EDUCATION?

Experiential education will enhance your classroom education by giving you hands-on experience that will resonate with employers. The University of Manitoba offers a wide variety of programs designed to facilitate your personal growth, create a network and ignite your active engagement in the local and global community.

EXPERIENTIAL EDUCATION OPPORTUNITIES:

- Work experience opportunities
- International student exchanges, international internships and travel study
- Local and international service-learning opportunities
- Undergraduate research and entrepreneurship
- Leadership and volunteer opportunities

The Environmental Design Compass provides you with suggestions of how and when to use opportunities to make the most of your university experience. You may follow these guidelines or map out your own route.



ENVIRONMENTAL DESIGN COMPASS

B. Env. D: 4 Years
B. Env. D (2nd Degree): 2 Years
Co-op available

	ACADEMIC SUCCESS	CAREER TIPS	VOLUNTEER & WORK EXPERIENCE	CULTURAL OPPORTUNITIES	
<p>YEAR 1 30 CREDITS</p>	<p>Course requirements: EVDS 1600, 1620 and 1680, a mathematics and a written English, plus 15 credit hours of electives. EVDS 1660 and 1670 are strongly recommended in the first 30 credits.</p> <p>To do this year:</p> <ol style="list-style-type: none"> 1. Meet with an academic advisor in the First Year Centre to ensure you meet admission requirements for the environmental design program. 2. Visit the Academic Learning Centre for workshops or to meet with a learning skills instructor. 3. Apply to the environmental design program by the admissions deadline. 	<p>Start planning your career:</p> <ol style="list-style-type: none"> 1. Meet with a career consultant to generate career ideas based on your interests, values, personality and skills. 2. Gather information about occupations that match your skills and interests. 3. Set up a careerCONNECT profile for job and career information. 4. Register for the Co-Curricular Record (CCR), an official record of university-approved activities. 	<p>Link experiences to your career interests. Options include:</p> <ol style="list-style-type: none"> 1. The University of Manitoba volunteer program, Green Team, City of Winnipeg Parks, or use 211 Manitoba to learn about local agencies at mb.211.ca. 2. Student work opportunities including Work-Study, STEP Service or Federal Student Work Experience Program. 3. Experiential education opportunities such as Alternative Reading Week Winnipeg and the Student Leadership Development Program. 	<p>Considering international opportunities? Visit the International Centre web site at umanitoba.ca/international to learn about international opportunities for U of M students.</p> <p>Explore communities and cultures you want to work with: visit Migizii Agamik, the Canadian Museum for Human Rights and the Winnipeg Architecture Foundation Inc. Walk through the historical Exchange District and the Forks. Join online communities in your area of interest.</p>	<p>SAMPLE JOBS WITH AN UNDERGRADUATE DEGREE AND RELATED EXPERIENCE</p> <p>Architecture Technician Artist Design/Build Entrepreneur Clothing Designer Communication Coordinator Event Manager Furniture Designer Landscape Technician Marketing Director Photographer Project Manager Set Designer Design Assistant Draftsperson Merchandiser Transportation Planner Videographer</p> <p>OPTIONS REQUIRING OTHER EDUCATION</p> <p>Animator Architect City Planner Environmental Planner Filmmaker Graphic Designer Industrial Designer Interior Designer Landscape Architect Software Designer Real Estate Broker University Professor</p>
<p>YEAR 2 63 CREDITS</p>	<p>Course requirements: Refer to the environmental design website for course availability and the Academic Calendar for requirements.</p> <p>To do this year:</p> <ol style="list-style-type: none"> 1. Meet with an academic advisor and career consultant to map out your options; 2. Be available for the mandatory pre-term orientation and Urban Media Lab (EVDS 2100) two weeks prior to regular session and plan to assist with the preparations for the Year End Exhibition at the end of second term. 3. Upon completion of environmental design 2, submit your ranked options, portfolio and statement of intent. 	<p>Make professional connections:</p> <ol style="list-style-type: none"> 1. Join the Career Mentor Program to learn from professionals. 2. Attend career fairs to connect with employers. 3. Join the faculty's Facebook page for event and competition promotions and employment opportunities. <p>Market yourself: attend Juries and Presentations and join the Student Ambassador program. Develop your resumé and cover letter and refine your interview skills.</p>	<p>Explore student involvement opportunities:</p> <ol style="list-style-type: none"> 1. Student groups including the Students' Architectural Society and UMSU. 2. Volunteer opportunities such as Habitat for Humanity and the Architecture + Design Film Festival. <p>Gain relevant experience: get involved in design events such as the Winnipeg Design Festival and Storefront Manitoba activities and submit work to the Warehouse Journal.</p>	<p>Develop global career skills and expand intercultural learning: consider an international student exchange or Travel Study program, an international internship or service-learning program, SWAP for a "working holiday" and inquire into Architects without Borders. Co-op students can participate in employment abroad.</p> <p>Staying local? Check out one of the local service-learning programs. Attend cultural events and the Atmosphere Conference within the faculty. Seek additional opportunities through the Winnipeg Architecture Foundation, 10x10x20 events, Plug In and the Winnipeg Art Gallery.</p>	
<p>YEAR 3 96 CREDITS</p>	<p>Course requirements: Refer to the Academic Calendar and environmental design website for course requirements and annual electives. ED AMP 1 option: EVAR 3012 (pre-term requirement)</p> <p>To do this year:</p> <ol style="list-style-type: none"> 1. Prepare for EVLU 3006 Landscape + Urbanism pre-term field trip. 2. Contact the Undergraduate Student Advisor to ensure that you have met all the third year requirements. 3. Review the Faculty of Architecture Awards Database. 4. Consider applying to the co-op program. 	<p>Investigate your career options:</p> <ol style="list-style-type: none"> 1. Look at sample job postings to ensure you have the qualifications upon graduation. 2. Develop employability and essential skills sought by employers. 3. Create a LinkedIn profile to network with professionals. 4. Join professional associations as a student member in your area of focus. <p>Consider continuing your studies: check out the Faculty of Graduate Studies, Extended Education or other academic institutions.</p>	<p>Build your portfolio: participate in the Warming Huts and other design competitions throughout your degree.</p> <p>Check out volunteer opportunities: seek opportunities to volunteer within professional design organizations and companies.</p> <p>Search for student job opportunities: search design related businesses and firms. Go to the faculty's volunteer and employment opportunities website for an up-to-date listing.</p> <p>Use your networks and connections: inquire about unadvertised job openings (the "hidden job market").</p>	<p>Did you travel abroad? Become an exchange mentor for the International Student Mentorship Program, join the exchange student community at the University of Manitoba or write an article about your experience.</p> <p>Participate in the multicultural opportunities on campus: participate in the Faculty of Architecture Partners Program and Cultural Events. Participate in the Intercultural Development and Leadership Program, take part in the Graduation Pow Wow. Consider learning a new language and culture through the Volunteer Language Exchange Program.</p>	
<p>YEAR 4 129 CREDITS</p>	<p>Course requirements: Refer to the Academic Calendar and environmental design website for course requirements and annual availability within your option.</p> <p>To do this year:</p> <ol style="list-style-type: none"> 1. Confirm eligibility to graduate with an academic advisor and declare intent to graduate in Aurora in January. 2. Consider applying to the co-op program. 3. Plan to apply to professional programs by end of the first term. 	<p>Start job search 9 months in advance: contact Career Services to refine your job search and self-marketing strategies. You can visit the office up to 6 months after graduation.</p> <p>If you are continuing on to graduate school: finalize your application materials and take required tests. Use the awards database to search for funding and awards to help finance your continuing education. Review the Faculty of Architecture Awards Database for financial opportunities and application deadlines.</p>	<p>Ensure you have references in place: ask your professor for a reference or a letter of recommendation if you're applying for graduate school.</p> <p>Assess your portfolio: "Grow your portfolio" with additional technical courses. Identify any gaps in experience and fill them through volunteering, work placements or internships.</p>	<p>Prepare to work in a multicultural environment: visit Canada's National Research Centre for Truth and Reconciliation on campus. Get access to Lynda.com through the Winnipeg Public Library and take courses to develop your cross-cultural intelligence.</p>	

Note: This resource is meant as a guide to provide suggestions throughout your time at university. Develop a plan and timeline that suits you best. Make intentional choices for your courses and work experiences.

*Please refer to the Academic Calendar for a complete list of program requirements.