IDM 7090 (G18) (3.0 CH)
SUSTAINABILITY AND ENTREPRENEURSHIP EXPERIENTIAL
SUMMER 2023

INSTRUCTOR

Name: Nathan Greidanus
Office: 642 Drake Centre
Email: Nathan.greidanus@umanitoba.ca
Office hours: By Appointment

Class location: Drake 541
Class Time: Tues/Thurs 6:15pm-9:30pm June 20,22,27,29; Aug 10

COURSE DESCRIPTION

This is a graduate-level MBA experiential capstone course that focuses on the topics of Sustainability and Entrepreneurship and Innovation. The course provides an opportunity to review and use previous course work related to entrepreneurship, innovation and sustainability as well as your own experiences and apply it to an intensive experiential project.

Course meeting times and assigned readings will focus equally on key topics in the areas of Sustainability and Entrepreneurship and Innovation. The meeting times will also cover material related to the specific experiential projects. The main deliverable will involve working with an existing organization or new venture on a sustainability related project.

For students taking this course as part of a Sustainability themed major, the project's scope and final deliverable will be tailored to recognize the interconnectedness of economic prosperity, environmental integrity and social equity, while seeking to balance multiple forms of wellbeing (including financial, ecological and social) for stakeholders. For students taking this course as part of the Entrepreneurship and Innovation themed major the project's scope and final deliverable will be tailored toward value creation and re-creation by exploring creative and entrepreneurial perspectives in the starting of a company or innovating within an existing organization.

COURSE OBJECTIVES

At the completion of this course students will be able to analyze and communicate the importance and implications of Sustainability and Entrepreneurship to an Organization.

Specific learning outcomes include the ability to:

- Understand the various facets of Sustainable Development and Innovation
- Use tools for managing Sustainable Development (including Systems thinking, Life cycle assessment, ESG reporting, Stakeholder management)
- Use and apply tools for Entrepreneurship and Innovation management (including design thinking, Options portfolios, opportunity recognition, resource identification, value capture and risk analysis)
- Apply an innovation framework to Sustainable Development challenges

COURSE MATERIALS

Readings will be drawn from a variety of professional and academic business journals. These can be accessed through the University Library system (free of charge for UofM students).

For some assignments, students may need to purchase access to a simulation or popular press book (e.g. biography of an innovation leader).

Please respect copyright laws. Photocopying textbooks or other reading material is a violation of copyright laws and is unethical, unless permission to copy has been obtained

COURSE ASSESSMENT

Student progress will be assessed through:

Description	Weight
Class participation	10%
Subject area summary assignment	25%
Main Experiential Project **	55%
Individual reflection	10%
	100%

**Grade may be adjusted dependent on peer evaluation of contribution to the project

Subject area summary assignment: This individual assignment will ask students to research and write a short paper related to the required readings and class lectures. Further details will be posted on UMLearn.

Main Experiential project:
 Details on this experiential project will be provided on UMLearn. Working in groups, students will tackle a real-world sustainability and innovation related project. Deliverables will include an initial scoping of the project; completion schedule; a final written report and a presentation.

Individual reflection:

A written individual self-reflection that integrates material from the course and details key learnings for the student in working on the experiential project.

Class participation: To enhance the learning experience, all students are expected to participate in class discussion and in-class exercises. Quantity and quality of questions, comments, contributions and insights offered during class is important to the success of the course and you will be graded for your overall engagement and participation. Absences will significantly impact your class participation grade.

NOTE: Class attendance is required. Missing more than 20% of this course due to absence from lectures may result in a failing grade. It is your responsibility to inform your professor, in advance if possible, of your absence and the reason for it:
1) if **medical**, self-declaration form must be submitted for an illness lasting 5 consecutive days or less https://umanitoba.ca/governance/governing-documents-students#self-declaration-for-brief-or-temporary-student-absences, no later than 48 hours after the end of the brief absence; a medical note from your physician must be submitted for an illness lasting more than 5 days;
2) if a **work commitment**, a signed letter on letterhead from your supervisor is required in advance, noting clearly the date(s) you must be away for your work commitment(s);
3) if for **student competitions**, an email from your Asper team coach must be received in advance indicating the dates you are away at competition.

The professor will then decide how to deal with the impact of the missed classes on your final grade.

Late Submission Policy
Late assignments will have 10% deducted per day late.

In the event of a skewed distribution of grades, the total course marks may be curved up or down as necessary (the weighting of each component will remain unchanged).

Marks	Letter Grade
93 and above	A+
86 – 92.9	A
80 – 85.9	B+
72 – 79.9	B
65 – 71.9	C+
60 – 64.9	C
50 – 59.9	D
Below 50	F

COURSE SCHEDULE

Note: the scheduled topics for a specific class are subject to change

Class Date	Topic	Readings
Class 1 June 20	Introduction • Course overview / Introductions • Sustainability and Entrepreneurship overview / definition	see UMLearn for readings;
Class 2 June 22	Facets of Sustainability • Stakeholder management • Systems approach / LCA • ESG measurement • Doughnut economics	see UMLearn for readings
Class 3 June 27	Facets of Entrepreneurship and Innovation • Opportunity recognition • Disruptive Innovation • Resource identification • Design thinking	see UMLearn for readings
Class 4 June 29	Sustainable Entrepreneurship • Opportunities from change • Value creation • Bio-cultural entrepreneurship • Doughnut lab	see UMLearn for readings **Subject area summary due July 6**
Class 5 Aug 10	Course and Project summaries • Class and client presentations	

Final Written Reports Due August 12

ACADEMIC REGULATIONS AND STUDENT SERVICES

HUMAN ETHICS APPROVAL FOR DATA COLLECTION

As part of coursework, if you will be collecting data from people who are not students in this class, you must obtain Human Ethics approval from the UofM's Research Ethics Board (REB) prior to data collection. This applies to data collection such as surveys, interviews, focus groups, experiments, video recording, etc., where a respondent is solicited for participation.

If the entire class will be working on the same project, your instructor will apply for human ethics approval from the REB. If individuals or small groups of students will be working on different projects, it is the responsibility of the students to obtain approval (only one group member needs to apply). Your instructor will tell you whether s/he will be or you need to. **When in doubt, please talk to your instructor.**

Instructions and forms to apply for human ethics approval can be found at:
http://umanitoba.ca/research/orec/ethics/guidelines.html

In most cases, you will be using the "Protocol Submission Form" which is under the "REB Forms - Fort Garry Campus" heading.

It can take up to six weeks to process human ethics applications and obtain approval. Therefore, plan early. Note that approval must be obtained prior to data collection and cannot be obtained during the data collection phase or retroactively. Violation can get you, your instructor, and the Asper School in serious trouble with the REB.

The following do not require REB approval:
   a) Projects where students are conducting the research on themselves during class time;
   b) Projects involving the use of records or information that is in the public domain, including the use of anonymous secondary data and surveys or questionnaires that have already been published;
   c) Projects involving the use of naturalistic observation where there is no reasonable expectation of privacy (i.e. public park).
   d) Practicum or job training projects where students are fully integrated into the organization's operational practices and are not conducting research;
   e) Projects where the intent is to use the information to provide advice, diagnosis, identification of appropriate interventions or general advice for a client;
   f) Projects where the intent is to develop skills which are standard practice within a profession (e.g. observation, assessment, intervention, evaluation, auditing); or
   g) Projects where the information gathering processes are part of the normal professional relationship between the student and the participants.

If you have any questions, please contact humanethics@umanitoba.ca or your instructor.

UNCLAIMED ASSIGNMENT POLICY

Pursuant to the FIPPA Review Committee's approved recommendations of August 15, 2007, all unclaimed student assignments will become the property of the faculty and will be subject to destruction six months after the completion of any given academic term.

STUDENT SERVICES AND SUPPORTS

The University of Manitoba provides many different services that can enhance learning and provide support for a variety of academic and personal concerns. You are encouraged to visit the below websites to learn more about these services and supports. If you have any questions or concerns, please do not hesitate to contact your instructor or the Graduate Program Office.

For Information on...	...follow this link

Course Outlines, Year-at-a-Glance, Concentrations, Textbooks, VW Dates and Final Exams	**Asper Graduate Student Resources**
Exam Rescheduling Policy - *Please refer to Missing a Test/Exam on page 18 of the MBA Student Handbook*	**MBA Student Handbook**
Help with research needs such as books, journals, sources of data, how to cite, and writing	**Library Resources**
Tutors, workshops, and resources to help you improve your learning, writing, time management, and test-taking skills	**Writing and Learning Support**
Support and advocacy for students with disabilities to help them in their academic work and progress	**Student Accessibility Services**
Copyright-related questions and resources to help you avoid plagiarism or intellectual property violations	**Copyright Office**
Student discipline bylaws, policies and procedures on academic integrity and misconduct, appeal procedures	**Academic Integrity**
Policies & procedures with respect to student discipline or misconduct, including academic integrity violations	**Student Discipline**
Students' rights & responsibilities, policies & procedures, and support services for academic or discipline concerns	**Student Advocacy**
Your rights and responsibilities as a student, in both academic and non-academic contexts	**Your rights and responsibilities**
Full range of medical services for any physical or mental health issues	**University Health Service**
Information on health topics, including physical/mental health, alcohol/substance use harms, and sexual assault	**Health and Wellness**
Any aspect of mental health, including anxiety, stress, depression, help with relationships or other life concerns, crisis services, and counselling.	**Student Counselling Centre**
Support services available for help regarding any aspect of student and campus life, especially safety issues	**Student Support Case Management**
Resources available on campus, for environmental, mental, physical, socio-cultural, and spiritual well-being	**Live Well @ UofM**
Help with any concerns of harassment, discrimination, or sexual assault	**Respectful Work and Learning Environment**
Concerns involving violence or threats, protocols for reporting, and how the university addresses them	**Violent or Threatening Behavior**

It is critical to the reputation of the I. H. Asper School of Business and of our degrees that everyone associated with our faculty behaves with the highest academic integrity. As the faculty that helps create business and government leaders, we have a special obligation to ensure that our ethical standards are beyond reproach. Any misconduct in our academic transactions violates this trust. The University of Manitoba Graduate Calendar addresses the issue of academic misconduct under the heading "Plagiarism and Cheating." Specifically, acts of academic misconduct include, but are not limited to:

- using the exact words of a published or unpublished author without quotation marks and without referencing the source of these words

- duplicating a table, graph or diagram, in whole or in part, without referencing the source

- paraphrasing the conceptual framework, research design, interpretation, or any other ideas of another person, whether written or verbal (e.g., personal communications, ideas from a verbal presentation) without referencing the source

- copying the answers of another student in any test, examination, or take-home assignment

- providing answers to another student in any test, examination, or take-home assignment

- taking any unauthorized materials into an examination or term test (crib notes)

- impersonating another student or allowing another person to impersonate oneself for the purpose of submitting academic work or writing any test or examination

- stealing or mutilating library materials

- accessing tests prior to the time and date of the sitting

- changing name or answer(s) on a test after that test has been graded and returned

- submitting the same paper or portions thereof for more than one assignment, without discussions with the instructors involved.

Many courses in the I. H. Asper School of Business require group projects. Students should be aware that group projects are subject to the same rules regarding academic misconduct. Because of the unique nature of group projects, all group members must exercise extraordinary care to insure that the group project does not violate the policy on Academic Integrity. Should a violation occur on a group project, all group members will be held jointly accountable, no matter what their individual level of involvement in the specific violation.

Some courses, while not requiring group projects, encourage students to work together in groups (or at least do not prohibit it) before submitting individual assignments. Students are encouraged to discuss this issue as it relates to academic integrity with their instructor to avoid violating this policy.

In the I. H. Asper School of Business, all suspected cases of academic misconduct involving a graduate student (i.e. MBA, MFin, MSCM, MSc or PhD student) will be reported directly by the instructor to the Dean of the Faculty of Graduate Studies.

Nathan S. Greidanus
Entrepreneurship and Innovation
Asper School of Business

Professor Greidanus' research and teaching intersect the broad areas of Entrepreneurship, Sustainable Development and Governance. He is an award winning teacher, former chair of the Asper MBA committee and current lead for the Sustainability and Entrepreneurship themes in the MBA program. Nathan also serves as the Academic director for the Institute of Corporate Directors-Rotman Director Education Program in Manitoba.

Dr. Greidanus' recent research projects range from exploring the relationship between ADHD and Entrepreneurship to entrepreneurship's relationship with positive failure; the natural environment; subjective well-being; indigenous people; and economic inequality. His foundational research on the behavioral assumption of Bounded Reliability (BRel) to offer better governance of firm and individual level commitments continues to be widely cited. His publications include a book on the adoption of Telework, and articles in leading journals such as the Journal of Business Venturing and Journal of International Business Studies.

Nathan's professional experience includes working in the investment banking industry, owning and managing two franchises, and running his own business development consulting company (including developing a comprehensive business case that resulted in the establishment of the National Canadian Centre for Unmanned Vehicle Systems). Nathan has also spent a year as a volunteer in Costa Rica and Nicaragua and holds both Canadian and Dutch citizenship.