

Extended Education - Sustainability Related Course Listing

Course Number	Course Title	Course Description	Credit hours	Level Code	Sustainability
BUAN-0100	Business Analysis Fundamentals	This course examines the professional roles and responsibilities of business analysts; provides an overview of the Business Analysis Body of Knowledge (BABOK); and introduces BA concepts, methodologies, techniques, and tools. After outlining BA's historical and contemporary contexts, the course considers emerging trends and technologies that are shaping the field's future. Also explored are fundamental skills and competencies required to carry out BA tasks.	3	ND	Sustainability related
BUAN-0130	Requirements Life Cycle Management	A fundamental purpose of requirements life cycle management is to ensure that business, stakeholder, and solution requirements remain productively aligned. This course explores how requirements emerge and interact, and how requirements can be effectively managed throughout their life cycle. The course also examines how solution requirements and designs are impacted by factors such as changing priorities, market fluctuations, and new information. Prerequisite: BUAN 0100.	1.5	ND	Sustainability related
BUAN-0140	Strategy & Enterprise Analysis	Strategy analysis is often the starting point for initiating a new project, and it involves determining the most effective ways of mobilizing the resources and capabilities of an enterprise to reach a desired set of goals and objectives. This course explores the components of strategy and enterprise analysis to identify problems and locate solutions; advancing from a current state towards a future state; and responding to new information and unanticipated factors. Prerequisite: BUAN 0100.	1.5	ND	Sustainability related
BUAN-0150	Solution Assessment & Validation	Solution evaluation involves assessing the performance and value of a solution in use by an enterprise, and seeking the removal of barriers or constraints that prevent the full realization of a solution's value. This course explores how to measure the performance of a solution and recommend concrete actions to increase value, or look for an alternative solution if necessary. Processes of business analysis validation, both generally and in relation to solution evaluation, are also examined. Course content includes sustainability related to business solutions.	1.5	ND	Sustainability related
BUAN-0180	Business Process Modelling & Simulation	This practical, hand-on course provides the knowledge required to analyze an organization's operations, identify opportunities for greater improvement, and implement processes that will have immediate positive impact, adding value to the organization. Prior completion of BUAN 0100 is strongly recommended.	1.5	ND	Sustainability related
BUAN-0920	Special Topics: Indigenous Business	This course explores Indigenous perspectives on business and economic development and the challenges and opportunities of doing business in Indigenous contexts. The topics addressed will vary according to factors, such as current events, instructor expertise, and student need.	1.5	ND	Sustainability related
CHRD-0106	Senior University Administrators	An advanced management course for experienced administrators responsible for making institutional policy, including presidents, rectors, principals, vice-presidents, provosts, associate vice-presidents, treasurers, comptrollers, registrars, chief librarians, deans and senior directors of services. The curriculum examines legal issues and institutional policies, power and influence in the organization, restructuring issues, resource management, negotiation and conflict management, and the changing leadership role.	4	ND	Sustainability related
CHRD-0108	University Management Course	A management course for administrators of academic and administrative units with direct responsibility for recommending and implementing policy, including department heads, chairs, associate deans, managers, directors of services and executive assistants. The curriculum examines human rights, administrative and contract law, financial management and planning, human resource management and conflict resolution.	4	ND	Sustainability related
CHRD-0114	Current Issues in Advising	Reviewing current issues in advising, e.g. dealing with advisor error, advisor training, breaking bad news to students, helping students take ownership, helicopter parents etc and helping students to understand how to deal with each of the issues in their own context. The content of this course may vary with each offering, depending on current hot topics" in the field."	2	ND	Sustainability related
CHRD-0126	Students in Higher Education	Whether or not you work directly with students, their needs directly impact how higher education institutions operate. Understanding who your current students are and who they might be tomorrow is critical in higher education. This course will explore the implications of demographic trends. You will investigate current student-related topics of national and local importance from the perspective of your role within your institution.	1	ND	Sustainability related
CHRD-0128	The Higher Education Administrator	This course will help you to develop the cross-functional skills required to be successful in your position. Through applied hands-on activities you will learn practical strategies to effectively use technology to communicate, strategically manage resources, and promote healthy interpersonal communication in the workplace. Case studies and real-life scenarios will exercise critical-thinking skills to create sensible solutions. You will have the opportunity to set professional goals based on a self-assessment of your abilities. By exploring various leadership styles, you will develop your own personal approach to leadership. Recognition of professional development completed at your own institution may be considered.	3	ND	Sustainability related
CHRD-0130	Women in Leadership	The course will offer women faculty in Canada an opportunity to enhance their skills and build communities of women in leadership through an annual residential course including mentorship support. It is offered as a residential program with required online pre-residency engagement with participants and mentors to promote reflection, relationship-building, and goal setting.	2	ND	Sustainability related
COUN-0100	Counselling Skills - Level I	This is the screening course of the Applied Counselling Certificate Program and is an opportunity for the instructor and the student to assess personal suitability and/or readiness to participate in the program. Students will be introduced to a client centred helping model and will learn, practice and begin to integrate the Level I counselling skills of attending, listening, empathy and probing. Self-awareness, as it relates particularly to values and attitudes congruent to the helping skills, will be examined throughout this course and in Levels II and III.	2.5	ND	Sustainability related
COUN-0110	Foundations of Case Management	This course will provide a foundation in the theory and practice of case management as it is currently practised in a range of agencies within and across education, health, insurance, criminal justice and social services, both in community and institutional settings. Students learn generic terminology and philosophical principles underlying case management. They identify essential core competencies and the components of a case management system. Because this course provides an overview of basic concepts and issues in case management, it is a prerequisite for further courses in case management.	1.5	ND	Sustainability related

COUN-0200	Counselling Skills - Level II	Progressive practice of the skills learned in Level I are further increased. The focus is on the practice and development of advanced accurate empathy, facilitative self-disclosure, confrontation and immediacy. Prerequisite: a grade of no less than C+ in COUN 0100.	2	ND	Sustainability related
COUN-0202	Counselling Theories	Basic assumptions and applications of several theories of counselling are covered including Adlerian, Person-Centred, Feminist, Gestalt and Cognitive. Consideration is given to fundamental issues in counselling, particularly the integration of theories with counselling practice. Prerequisite: a grade of no less than C+ in COUN 0100.	2	ND	Sustainability related
COUN-0240	Working with Families	Working with families involves different dynamics, therapeutic skills and interventions than those used for counselling individuals or working with groups. Participants develop an understanding of systemic thinking and its application to working with families and explore a variety of therapeutic approaches and tools of intervention in family counselling. Prerequisite: a grade of no less than C+ in COUN 0100.	2	ND	Sustainability related
COUN-0250	Crisis Counselling	Counsellors are often confronted with having to help individuals deal with various life crises. This course shows how to integrate new material into existing counselling styles. Areas covered include determining what is a crisis, assessing an individual in crisis, establishing client safety, assessing suicide lethality, negotiating social service involvement and helping the client build their support network. Prerequisite: a grade of no less than C+ in COUN 0100.	1.5	ND	Sustainability related
COUN-0252	Understanding Family Violence	This course is designed to help students develop a theoretical understanding of family violence. An overview of the individual, familiar and societal theories of family violence will be presented including an examination of how specific theoretical perspectives have helped shape different government policies and community services. The course will also review the current controversies, new approaches and cultural issues in the area of domestic violence intervention. Through both discussion and written assignments students will have the opportunity to apply their theoretical knowledge to specific case studies.	2	ND	Sustainability related
COUN-0254	Caring for the Caregiver	The concept of self-care encompasses a wide range of aspects that play an important role in staying healthy and thus enabling professionals to function at their optimum. This course is designed for a variety of helping professionals who share common challenges in managing self-care. Through the use of discussion, group activities, and self-awareness exercises, students will explore the various factors that influence self-care, develop insight into their own self-care behaviour (both strengths and limitations), and construct some personalized self-care strategies.	1.5	ND	Sustainability related
COUN-0256	Mental Health Issues and Co-Occurring	Students will discuss the definitions of mental health, mental illness and addictions". Varying biological, psychological and social models of causation and treatment will be explored. Other issues that will be covered include: crisis management, community resources and the role of allied disciplines, stigmatization, suicide, medications and a review of the mental health act."	2	ND	Sustainability related
COUN-0258	Anger Management	This course provides you with the opportunity to examine how to handle anger and how to change your anger patterns. You will learn how to integrate anger management techniques into your personal counselling techniques model.	1.5	ND	Sustainability related
COUN-0300	Counselling Skills - Level III	Progressive practice of the skills learned in previous levels with specific reference to helping clients develop strategies for action, goal setting, planning and carrying out strategies. The ending process of the counselling relationship is also explored.	2	ND	Sustainability related
COUN-0400	Capstone Course	The capstone course will attempt to integrate material covered in previous courses, while introducing a range of new materials related to proposal writing, collecting data, analyzing data, and writing the final report.	2	ND	Sustainability related
COUN-0900	Special Topics in Counselling 1	As the field of counselling is constantly evolving and topics of current interest continually change we offer a series of Special Topics that will vary from year to year.	1.5	ND	Sustainability related
COUN-0902	Special Topics in Counselling 2	As the field of counselling is constantly evolving and topics of current interest continually change we offer a series of Special Topics that will vary from year to year.	2	ND	Sustainability related
CUCA-0122	Supporting Students with Disabilities	This course will review the history of the disability movement and explain the distinctiveness of different types of disabilities. In addition, this course will discuss how invisible" disabilities affect those with the disability as well as those around them. Also, we will be learning about how culture and background affect our understanding of this changing environment. This course will help us to understand the diversity among us, and give sound practices for being creative and making decisions on our campuses. We will be using Universal Design principles as a way of blending our differences for a friendly and productive campus."	2	ND	Sustainability related
EDTC-0530	Instructional Design for E-Learning	Students will explore the history of instructional design, important instructional design models, and current trends in instructional design theory. This course would benefit new and more experienced instructional designers who would like to develop or broaden their knowledge of instructional design principles in designing educational/training materials and selecting appropriate technologies in varying contexts.	3	ND	Sustainability related
EDTC-0900	Special Topics in Emerging Technologies	The medium is the message" (McLuhan). The medium for delivering content continues to evolve over centuries: from the printed press to the telephone, from the radio and television to the computer, from cable and wires to mobile wireless technologies. Today, devices such as computers, tablets, mobiles are used to access content that live in what is called "the cloud". Access to content, anytime, anywhere, anyhow, is guaranteed through cloud-hosted structures. Content delivery, as one of many services, is called cloud computing."	3	ND	Sustainability related
EEAS-0120	Introduction to Artificial Intelligence	AI is moving forward in several distinct areas, such as computer vision, natural language processing, robotics, and automated speech recognition. Participants will learn the differences between these applications and how advances in these areas can be employed to solve a range of real-world business and organizational problems. In addition, participants will understand and explore the ethics, social impact, and responsibility of building AI solutions by learning how to keep AI safe from adversaries, detecting and protecting against the unintended consequences of AI, addressing and preventing AI bias, safeguarding against mistakes made by AI, and approaching human-AI interactions with a critical lens.	3	ND	Sustainability related
EEAS-0130	Building Information Modeling	This course provides a broad introduction to BIM (Building Information Modeling). BIM is defined and the evolution of BIM is contrasted with traditional methods. The various dimensions of BIM throughout the project lifecycle and global, national, and regional adoption trends are presented. Other topics include benefits of BIM for design change management and potential of BIM to improve sustainability.	2.5	ND	Sustainability related

EEAS-0132	Building Information Modeling	In this course, emphasis will be placed on Open BIM, and open standards, guidelines, and workflows across building construction disciplines for integrated project delivery (IPD). Students will gain an understanding of benefits, challenges, and other critical considerations such as data security that impact an organization's capacity to adopt BIM. Benefits of adoption for all AECOO industry stakeholders are addressed.	2.5	UG	Sustainability related
EEAS-0134	Building Information Management	This course focuses on aspects of BIM adoption that are critical towards management of people, interdisciplinary BIM teams, information, and digital models themselves. BIM is examined within different project delivery types, and emphasis is given to defining project goals and roles and responsibilities of interdisciplinary project teams. Processes and practices including the creation of the BIM Execution Plan (BEP), utilizing the BIM Contract Appendix, establishment of the Common Data Environment (COE), and determining Level of Development (LOO) are discussed. Important considerations regarding best practices for information management and exchange, and coordination with all disciplines during design phases are emphasized.	2	UG	Sustainability related
EEAS-0136	Building Information Modeling in the Field	This course unpacks what BIM looks like on the project site, and how it is used in conjunction with the office. The effects and benefits of reality capture on site and how it is used to enhance the design and installation information is discussed. The efficiency of utilizing mobile devices on site for communication is demonstrated, and the increased accuracy of using digital models for setting out on site is highlighted.	1	ND	Sustainability related
EEAS-0138	Building Information Modeling Technology	This course provides a broad introduction to technology and tools that can be used when implementing BIM. Methods and reasoning to choose the correct tools for different processes are explored. Benefits and challenges associated with cloud-based technology, mobile technology, virtual and augmented reality, and GIS integration with BIM are also discussed.	1	UG	Sustainability related
EEAS-0140	Building Information Modeling and Sustainability	This course introduces fundamental topics in sustainable building design and Lean methodology, and prompts consideration of how these can interact with BIM to increase sustainability of the built environment. The history, principles, and practices of sustainable construction are explored, and compared with Lean methodologies. The 70 BIM concept is introduced, and capabilities of BIM to directly and indirectly improve the sustainability of a project are explored.	3	UG	Sustainability related
EEAS-0142	Special Topics in Building Information Modeling	This course explores special topics related to Building Information Modeling (BIM). The topics addressed will vary according to factors such as current events, instructor expertise, and student need. Topics may include but will not be restricted to: Geographic Information System (GIS) mapping, 3D printing, CNC routing, and exporting to laser cutting, Offsite manufacturing, Script writing for plugins, Scanning point cloud creation, Applications of BIM beyond the building (e.g., landscape; urban planning; highway infrastructure), BIM for historic preservation and re-use, Facility management. The course content may be selected and tailored for a specific discipline (e.g., emphasizing discipline-specific process or software), depending on instructor expertise and participant interest for a given offering.	3	ND	Sustainability related
HRM-0122	Recruitment and Selection	This course examines the role of staff recruitment and selection within the context of the human resource management role in organizations from both an external and internal point of view. Major topics include: staffing in the context of employment planning, work analysis and legislation, managing human resource acquisition from external sources, recruitment, selection interviews, employment testing, managing human resource flow internal to the organization, orientation, probationary evaluation, career planning, and down-sizing, retirement and succession planning.	2	ND	Sustainability related
HRM-0128	Measuring Human Resource Effectiveness	Traditionally, one challenge facing the HR professional has been the measurement of the apparently intangible goals and performance of the HR department, due to the lack of adequate data. Today HR metrics provide a method of measuring the effectiveness and efficiency of the various functions of the HR department, thus resulting in a financially-accountable department. HR metrics quantify the cost and impact of employee programs and HR processes as well as measure the success (or failure) of HR initiatives. This course introduces students to HR metrics and measures, which include the concepts of cost per hire, yield ratio, turnover costs, training investment factor and revenue factor. This course will also address HR audits, HRIS design principles and reporting.	1	ND	Sustainability related
HRM-0900	Special Topics in Human Resource Management	Various topics related to Human Resource Management will be explored, with topics varying from year to year.	3	ND	Sustainability related
MGMT-0110	Organizational Behaviour	This course is designed to increase your understanding of human behaviour in the workplace. Topics include leadership, motivation, group dynamics and teamwork, problem solving, organization structure and change management.	3	ND	Sustainability related
MGMT-0112	Organizational Behaviour for Public Sector Organizations	Organizational Behaviour is the study of how people act within the context of a specific organization in order to gain an understanding of what drives that behaviour. We will explore the behaviour within an organization so that students leave the course with a better understanding of the influences they will have to consider when dealing with staff and organizational issues.	3	ND	Sustainability related
MGMT-0120	Managerial Communication	Your success in business depends heavily on your ability to communicate efficiently and effectively. By successfully completing this course, you will be familiar with key strategies and skills in effectively handling both oral and written business communications (letter writing, report writing, and oral presentations). Other topics included are listening skills, resume and letter of application, and non-verbal communication.	3	ND	Sustainability related
MGMT-0202	Staff Training and Development	This course focuses on contemporary organizational and staff development issues in public and private sector organizations within Canada. This course will focus on aspects of employer-sponsored learning, competencies, skills and methods used by Training and Development professionals, and the processes of training, needs analysis and evaluation. The course addresses organizational concerns such as performance improvement, transfer of training, organizational development and organizing the training function. Current practices and trends are also discussed.	2.5	ND	Sustainability related

MGMT-0292	Understanding the Business Case	<p>According to the World Economic Forum we are in the throes of the 4th Industrial era. This new industrial revolution is powered by artificial intelligence, robotics and machine learning, additive manufacturing, and the internet of things, and signals the beginning of a new era of intelligent, integrated computer systems that will fundamentally change manufacturing and the workplace. Aimed at industry stakeholders contemplating the integration of next generation technology, this course highlights core tools and technological literacies needed to sharpen strategy and business case development. Additionally, participants will learn the value and limitations of these new technologies and how they might be applied to solve a range of real-world business and manufacturing problems.</p>	3	ND	Sustainability related
PDAL-0150	Diversity and Accommodation	<p>This course raises awareness and provides students with practical skills required to create inclusive learning environments, and deepen understanding of responsibilities surrounding learner accommodation. Course activities will contribute to the development of tools (e.g. practical strategies, policy) to effectively teach diverse learners, which may be incorporated into the applied project. The course includes a 6-hour applied project component. No prerequisite requirement but it is strongly recommended that students complete Adult Learners prior to enrolling.</p>	1.5	ND	Sustainability related