

University Wide

UN 1000 - Frameworks for Success

An introduction to University life, exploring ways to become a more effective student focusing on personal and professional habits necessary for success. Topics include academic skill development, time management, and university resources.

Credits: 1.0

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Fall, Summer

UN 1001 - Perspectives on Inquiry

Writing-intensive course which engages students in college level inquiry. Students develop fundamental intellectual habits, understand how to integrate various perspectives on knowledge, and begin to learn how to meet the changing needs of a global, technological, diverse, and environmentally sensitive society.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall, Spring, Summer

Restrictions: Must be enrolled in one of the following Class(es): Freshman

UN 1002 - World Cultures

Examines diversity and change around the globe from perspectives of social sciences, humanities, and arts; explores human experience from prehistory to present. Classroom lectures accompanied by films, live performances, and guest speakers. One complete year of a single foreign language plus World Cultures (UN1003, 1-credit-activities) substitutes for World Cultures.

Credits: 4.0

Lec-Rec-Lab: (3-0-3)

Semesters Offered: Fall, Spring, Summer

Restrictions: Must be enrolled in one of the following Class(es): Freshman

UN 1003 - World Cultures Activities

Activities portion of World Cultures. Limited to enrollment by students choosing the modern language option of one full year of a single foreign language to fulfill their World Cultures requirement.

Credits: 1.0

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Class(es): Freshman

UN 1010 - Creating Your Success

Introduction to strategies for creating academic, professional and personal success. Emphasis is on determining individual priorities, improving self-management and developing critical thinking skills. Guided journal writing will be used to explore these strategies.

Credits: 1.0; Repeatable to a Max of 3; Graded Pass/Fail Only

Lec-Rec-Lab: (0-0-2)

Semesters Offered: Fall, Spring, Summer

UN 1100 - Foundations of Global Leadership

Seminar course designed for participants in the Pavlis program. Offers an introduction to theories of communication relevant to leadership in a global context and examines the relationships among globalization, diversity, culture, communication, and the practices of effective leadership.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Fall

Restrictions: Permission of instructor required

UN 1200 - Foundations of Environmental Leadership

Seminar course designed for students in the Pavlis program. Builds upon theories of communication covered in UN1100 with particular emphasis on their application to global environmental issues. Examines the role of environmental ethics and sustainability in effective leadership.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Spring

Pre-Requisite(s): UN 1100

UN 1995H - Honors Institute Contract

Credits: 0.0; Graded Pass/Fail Only

Semesters Offered: On Demand

UN 2001 - Revisions: Oral, Written, and Visual Communication

Oral, Written, and Visual Communication. Writing-intensive course which builds on students' previous courses by providing advanced, direct instruction in communication. Students look closely at the communication practices of civic groups and apply what they learn to their own spoken, written, and visual work. Class projects ask students to fit the communications they make to interesting, sometimes difficult, situations and audiences.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Fall, Spring, Summer

Restrictions: Must be enrolled in one of the following Class(es): Freshman, Sophomore

Pre-Requisite(s): UN 1001 and (UN 1002 or UN 1003)

UN 2002 - Institutions

From families to governments, to markets, to our interactions with the natural environment, institutions organize collective human action. Introduces students to the nature and role of institutions in shaping today's world. Specific topics will vary by section, but all sections address a set of core questions and concepts.

Credits: 3.0

Lec-Rec-Lab: (3-0-0)

Semesters Offered: Fall, Spring, Summer

Restrictions: Must be enrolled in one of the following Class(es): Sophomore

UN 2100 - Foundations of Technological Leadership

Seminar course designed for students in the Pavlis program. Builds upon communication and leadership topics covered in UN1200 with an emphasis on technology in a globalized world. Also theorizes and develops skills essential for effective innovation, entrepreneurship, and creativity.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Fall

Pre-Requisite(s): UN 1200

UN 2525 - Career Development Foundations

Students will learn the process of career development and planning, which includes self-assessment, decision-making, job search strategies, and awareness of workplace issues.

Credits: 1.0

Lec-Rec-Lab: (0-1-0)

Semesters Offered: Fall, Spring

Restrictions: May not be enrolled in one of the following Class(es): Freshman

UN 2600 - Fundamentals of Nanoscale Science and Engineering

Team-taught introduction to the fundamentals of nanotechnology, emphasizing the interdisciplinary nature of this field. Modern instrumentation, key scientific foundations, and current and potential applications will be discussed. Real and potential societal implications of nanotechnology will be explored.

Credits: 2.0

Lec-Rec-Lab: (1-1-0)

Semesters Offered: Spring - Offered alternate years beginning with the 2007-2008 academic year

UN 2990 - Special Topics - Interdiscip.

The study of interdisciplinary special topics as specified by section title.

Credits: variable to 6.0; Repeatable to a Max of 97

Semesters Offered: On Demand

Restrictions: Permission of instructor required

UN 2995H - Honors Institute Contract

Credits: 0.0; Graded Pass/Fail Only

Semesters Offered: On Demand

UN 3002 - Undergraduate Cooperative Education Laboratory

Credits may count as free or technical electives based on student's academic department. Requires 2.20 GPA or better, registration with the Office of Cooperative Education, and acceptability by a recognized employer. Transfer students must have completed at least one full-time semester on the MTU campus.

Credits: variable to 2.0; May be repeated

Semesters Offered: Fall, Spring, Summer

Restrictions: Permission of instructor and department required; May not be enrolled in one of the following Level(s): Graduate; Must be enrolled in one of the following Class(es): Sophomore, Junior, Senior

UN 3100 - Foundations of Ethical Leadership

Seminar course designed for participants in the Pavlis program. Builds upon topics covered in UN2100 with an emphasis on the principles of ethical leadership. Covers topics of ethics in communication, technology, the environment, and economics in today's interconnected, globalizing world.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Fall

Pre-Requisite(s): UN 2100

UN 3200 - Global Technological Leadership

This course, designed for students in the Pavlis program, covers topics of leadership including personality traits, interpersonal skills, leadership styles, teamwork, situational leadership, and decision making. Offers practical experience in project development, communication, and leadership development.

Credits: 3.0

Lec-Rec-Lab: (0-3-0)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Class(es): Junior, Senior

Pre-Requisite(s): UN 3100

UN 3404 - Cultural Awareness

This course, designed for students in the Pavlis program, allows students to explore the culture of their international experience. Students will gain insight into working with and learning from different cultures to see the world and their leadership roles in new ways.

Credits: 2.0

Lec-Rec-Lab: (0-1-1)

Semesters Offered: Summer

Restrictions: Must be enrolled in one of the following Class(es): Junior, Senior

Co-Requisite(s): UN 3405, UN 3406

Pre-Requisite(s): UN 3200

UN 3405 - Language Fundamentals

This course, designed for students in the Pavlis program, provides an opportunity for students to explore the basic and essential elements of language spoken in the host country using online resources and native speakers to facilitate leadership development abroad.

Credits: 2.0

Lec-Rec-Lab: (0-0-6)

Semesters Offered: Summer

Restrictions: Must be enrolled in one of the following Class(es): Junior, Senior

Co-Requisite(s): UN 3404, UN 3406

Pre-Requisite(s): UN 3200

UN 3406 - Language of Business, Technology, and the Environment

This course, designed for students in the Pavlis program, will allow students to explore 1) business and management culture, 2) engineering & technology tools, tactics, and processes associated with design and development of new products and technological systems, and 3) topics of environmental stewardship associated with the location of their international experience.

Credits: 2.0

Lec-Rec-Lab: (1-0-1)

Semesters Offered: Summer

Restrictions: Must be enrolled in one of the following Class(es): Junior, Senior

Co-Requisite(s): UN 3404, UN 3405

Pre-Requisite(s): UN 3200

UN 3995H - Honors Institute Contract

Credits: 0.0; Graded Pass/Fail Only

Semesters Offered: On Demand

UN 4000 - Remote Sensing Seminar

A seminal series that covers topical issues in remote sensing, ecosystem research, and global change. Required for all students with a minor in remote sensing.

Credits: 1.0; Repeatable to a Max of 2

Lec-Rec-Lab: (0-1-0)

Semesters Offered: Fall, Spring

Restrictions: May not be enrolled in one of the following Class(es): Freshman, Sophomore

UN 4050 - Global Leadership Practicum

Students in the Pavlis program will spend time abroad participating in a variety of leadership experiences including at least one major leadership project. Upon returning, students will spend two weeks on campus writing reports and hosting an on-campus leadership institute.

Credits: 7.0

Lec-Rec-Lab: (0-0-12)

Semesters Offered: Summer

Restrictions: Permission of department required; Must be enrolled in one of the following Class(es): Junior, Senior

Pre-Requisite(s): UN 3404 and UN 3405 and UN 3406

UN 4100 - Leadership Capstone Project I

This course, designed for students in the Pavlis program, is the first in a two part leadership capstone experience. Students engage in discussions and make oral presentations, outline a senior project report, mentor other students and apply their leadership skills by taking on leadership roles.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Fall

Restrictions: Must be enrolled in one of the following Class(es): Senior

Pre-Requisite(s): UN 4050

UN 4200 - Leadership Capstone Project II

This course, designed for students in the Pavlis program, is the second in a two part leadership capstone experience. Students engage in discussions and make oral presentations, write a senior project report, mentor other students and apply their leadership skills by taking on leadership roles.

Credits: 1.0

Lec-Rec-Lab: (0-0-3)

Semesters Offered: Spring

Restrictions: Must be enrolled in one of the following Class(es): Senior

Pre-Requisite(s): UN 4100

UN 4990 - Special Topics - Interdisciplinary

Study of interdisciplinary special topics as specified by section title.

Credits: variable to 6.0; May be repeated

Semesters Offered: On Demand

Restrictions: Permission of instructor required

UN 4995H - Honors Institute Contract

Credits: 0.0; Graded Pass/Fail Only

Semesters Offered: On Demand