HONR - Honors College

HONR 123  Hike and Read: 1 Credits (1 Other)
PREREQUISITE: Restricted entrance; admission to the Honors College.
Reading and analysis of a text in the humanities, arts, or sciences. Course held off campus for a weekend.

HONR 124  Ski and Read: 1 Credits (1 Other)
PREREQUISITES: Must be enrolled in the Honors College.
HONR 201US
COREQUISITE: HONR 201IH. Reading and analysis of a text in the humanities, arts, or sciences. Course held off campus for a weekend. Honors College
Repeatable up to 3 credits.

HONR 131  Freshman Research Symposium: 1 Credits (1 Lec)
PREREQUISITE: Restricted entrance
Presentations of research by current MSU faculty. Tours of laboratory facilities at MSU. This course cannot be repeated.

HONR 200  Taking the Pulse of Montana in a Changing World: 3 Credits (2 Lab, 1 Other)
PREREQUISITE: Honors College freshman students whom have been accepted for Fall entry. Climate change can be a tricky topic – a 'trigger' phrase in some communities that inspires derision by those skeptical that humans can alter our atmosphere and planetary systems. At the same time, the phrase might inspire an equally heartfelt level of scorn by those promoting (with, at least recently, little success) policies that should spur sharp reductions in human emissions of greenhouse gases so as to minimize the consequences of rising atmospheric greenhouse gas concentrations. Our broadest course objective is to improve students 'climate literacy' on four focal areas of Montana’s economy.

HONR 201US  Texts and Critics: Knowledge & Imagination I: 4 Credits (4 Other)
University Seminar in critical reading/analysis of fundamental texts in the humanities, arts, communication, social studies, science, and history of ideas. Socratic teaching methodology. Particular emphasis on development of analysis and criticism through argument, writing, and oral communication. Academic writing and oral argumentation presentations. Course may not be repeated.

HONR 202IH  Texts and Critics: Knowledge & Imagination II: 4 Credits (4 Other)
PREREQUISITE: Restricted entrance; admission to the Honors College.
Critical reading/analysis of fundamental texts in the humanities, arts, communication, social studies, science, and history of ideas. Socratic teaching methodology. Particular emphasis on development of analysis and criticism through argument, writing, and oral communication. Academic writing and oral argumentation presentations. Course may not be repeated.

HONR 203  Finding Balance: A Climber’s Journey: 3 Credits (1 Lec, 2 Lab)
PREREQUISITE: HONR 201US and 202IH, or HONR 301US. (F, Sp) This course sits at the confluence of the bodies somatic experience (as framed through the lens of climbing movement) and socio-political analysis, exploring how 21st century stressors like social media, hyper-partisan politics, global warming, Corona virus, and socio/economic inequity are experienced bodily and in turn how this effects our thinking. The central purpose of the course is to help students develop a conceptual and hands-on framework that supports both physical and mental wellness. Part philosophy, part physical practice, this course uses somatic modes of attention, putting into practice lessons in readings on Zen, Yoga, mindfulness, dance, and meditation. In addition, we will use climbing as a metaphor to explore “the wilderness within”—examining topics such as the psychology of risk, fear and stress, failure and success, ethics, and the body’s lived experience of politics, trauma, and social changes. This course is open to all students; no previous climbing experience is needed.

HONR 204D  Great Expeditions: 3 Credits (3 Other)
PREREQUISITE/CO-REQUISITE: Restricted entrance; HONR 201US and HONR 202IH or HONR 301US. Preparation and execution of a journey paralleling a portion of a historically and/or culturally significant expedition. Students study the original expedition journals, history, social, scientific, artistic, and environmental context as well as plan their own expedition. The expedition usually occurs following the conclusion of spring semester and students are required to make a public presentation on the expedition and their specific research project during the subsequent semester.
COREQUISITE: HONR 201 or HONR 202 or HONR 301 Repeatable up to 15 credits.

HONR 210  Mentoring Gifted Students: 2 Credits (2 Other)
PREREQUISITE/CO-REQUISITE: Restricted entrance; HONR 201US and HONR 202IH or HONR 301US. Honors students mentor gifted students from the Bozeman Public Schools. Students meet together in seminar discussion, plan and implement projects, and evaluate their projects.
Repeatable up to 4 credits.

HONR 220  Introduction to Fundamental Rights and the United States Constitution: 1 Credits (1 Other)
PREREQUISITES: Completion of HONR 201 and HONR 202 and/or HONR 301
This seminar will provide students with an in-depth look at our basic rights to privacy and personal autonomy under the U.S. Constitution – particularly under the 4th, 5th and 14th Amendments. This course will also offer Honors students an introduction to U.S. Constitutional Law. From search and seizure to Roe v. Wade, students will explore the evolution of fundamental rights as interpreted by the U.S. Supreme Court. The course will also compare federal law to distinctive privacy provisions in Montana’s Constitution.

HONR 275  Extreme Microbiology in Yellowstone: 3 Credits (2 Lec, 1 Lab)
Yellowstone National Park (YNP), one of the world’s largest active volcanos, is home to over 14,000 geothermal features which serve as unique ecosystems for many uncharacterized and uncultured extremophilic (extreme-loving) microorganisms. This course will introduce you to the unique Bacteria, Archaea, and Eukarya inhabiting YNP’s geothermal hot springs. You will learn how microorganisms influence hot springs, contribute to the cycling of nutrients, and how these unique organisms are used in a variety of biotechnology applications. You will also visit these ecosystems on a 3-4 day field sampling trip, and through sample collection, laboratory work, and analyses you will develop cultivating.
The purpose of this course is to encourage students to develop and exercise critical thinking and leadership skills concerning the different issues impacting leadership in the 21st century.

Leadership issues permeate every aspect of our lives. The purpose of this course will necessarily involve an interdisciplinary approach, combining the fields of philosophy, theology, psychology, history, mythology, literature, sociology, and science.

Students will also engage in the creation of a musical composition in small groups. The course will culminate in multi- and inter-disciplinary discourse. Students will also engage in the creation of a musical composition in small groups. The course will culminate in multi- and inter-disciplinary research projects, which will be presented in a public forum at the end of the term in Inspiration Hall. Note: No prior coursework in music or musical experience are required for this course.

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Advanced Honors seminars are interdisciplinary courses which emphasize independent creativity/research. A creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research.

The course will investigate the transformative power of music, through an exploration of the musical legacy of the Ancient Greeks, the role of music in cognitive development and its application in healthcare, the value of music education, and a discussion of significant works of music as manifested in social movements, and in cultural and religious contexts. Within the structure of a Socratic seminar, students will actively participate in the discourse. Students will also engage in the creation of a musical composition in small groups. The course will culminate in multi- and inter-disciplinary research projects, which will be presented in a public forum at the end of the term in Inspiration Hall. Note: No prior coursework in music or musical experience are required for this course.

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HONR 494IN   Honors Seminar in Nat Sciences: 4 Credits (4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills, and
encourage independent creativity/research
Repeatable up to 99 credits.

HONR 494IS   Honors Seminar in Soc Sciences: 4 Credits (4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills, and
encourage independent creativity/research
Repeatable up to 99 credits.

HONR 494RA   Honors Seminar in Arts: 2-4 Credits (2-4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills, and
require independent creativity/research
Repeatable up to 99 credits.

HONR 494RH   Honors Seminar in Humanities: 4 Credits (4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills, and
require independent creativity/research. Cross-listed with HONR 494RS
Repeatable up to 99 credits.

HONR 494RN   Honors Seminar in Natural Sci: 2-4 Credits (2-4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills, and
require independent creativity/research
Repeatable up to 99 credits.

HONR 494RS   Honors Seminar in Soc Sciences: 4 Credits (4 Other)
PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Advanced Honors seminars are interdisciplinary courses which emphasize
class discussion, development of analytic thinking and writing skills,
and encourage independent creativity/research. Cross-listed with
HONR 494RH
Repeatable up to 99 credits.