

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 202IH. 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)

PREREQUISITE: Restricted entrance; admission to the Honors College.
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 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

Repeatable up to 99 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 culturing.

HONR 291 Special Topics: 1-4 Credits (1-4 Other)

PREREQUISITE/CO-REQUISITE: Restricted entrance; HONR 201US and HONR 202IH or HONR 301US. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number
Repeatable up to 12 credits.

HONR 292 Independent Study: 1-3 Credits (1 Other)

PREREQUISITE/CO-REQUISITE: Restricted entrance; HONR 201US and HONR 202IH or HONR 301US. Consent of instructor and approval of Dean. Directed research and study on an individual basis
Repeatable up to 6 credits.

HONR 301US Texts and Critics 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 319 The Transformative Power of Music: 3 Credits (3 Lec)

PREREQUISITE: HONR 201US and 202IH, or HONR 301US. This 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 or musical experience are required for this course

HONR 319IA The Transformative Power of Music: 3 Credits (3 Lec)

This 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 or musical experience are required for this course.

HONR 391 Special Topics: 1-4 Credits (1-4 Other)

PREREQUISITE/CO-REQUISITE: HONR 201US, HONR 202IH, or HONR 301US. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number
Repeatable up to 12 credits.

HONR 391IA Special Topics-IA CORE: 1-4 Credits (1-4 Other)

Repeatable up to 12 credits.

HONR 450 Advanced Honors Tutorial: 4-6 Credits (4 Other)

PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US.
Weekly seminar and tutorial supervision with extensive interdisciplinary reading, analytic writing, and oral argument, leading to comprehensive examinations. May be repeated
Repeatable up to 12 credits.

HONR 490R Undergrad Rsch/Thesis: 1-6 Credits (1-6 Other)

PREREQUISITE: Restricted entrance, HONR 201US and HONR 202IH or HONR 301US; Approval of Dean. Directed undergraduate research/creative activity which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated
Repeatable up to 12 credits.

HONR 491 Special Topics: 1-4 Credits (1-4 Lec, 1-4 Other)

PREREQUISITE/CO-REQUISITE: Restricted entrance; HONR 201US and HONR 202IH or HONR 301US. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number
Repeatable up to 12 credits.

HONR 492 Independent Study: 1-3 Credits (1 Other)

PREREQUISITE: HONR 201US and HONR 202IH or HONR 301US;
Junior standing, consent of instructor and approval of Dean. Directed research and study on an individual basis
Repeatable up to 12 credits.

HONR 494 Honors Seminar: 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 encourage independent creativity/research
Repeatable up to 99 credits.

HONR 494CS Honors Seminar in Contemp Sci: 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.

HONR 494D Honors Seminar in Diversity: 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 encourage independent creativity/research
Repeatable up to 99 credits.

HONR 494IA Honors Seminar in Arts: 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 494IH 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 encourage independent creativity/research
Repeatable up to 99 credits.

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.