

HONORS PROGRAM (HONP)

HONP 100 Honors Seminar in Great Books and Ideas Part I (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. Focus on the significant masterworks and intellectual foundations of Western civilization. Original source materials will be read. Satisfies SEEDS Literary and Artistic Analysis student learning outcome in alignment with Educated Citizenry value. Meets Gen Ed - Communication: Writing.

HONP 101 Honors Seminar in Great Books and Ideas Part II (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. Continues to focus on the significant masterworks and intellectual foundations of Western civilization. Original source materials will be read. Satisfies SEEDS Literary and Artistic Analysis student learning outcome in alignment with Educated Citizenry value. Meets Gen Ed - Communication: Literature.

HONP 102 Global Honors Seminar (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This course explores pivotal global events and movements from the 20th century to the present, examining their political, economic, technological, and cultural impacts across diverse societies. Through a comparative lens, students will analyze the interconnectedness of global developments and their implications for individuals and communities in an increasingly interdependent world. Meets Gen Ed - American and European History.

HONP 103 Interdisciplinary Honors Seminar (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This course engages with current political, economic, social, and environmental issues through a creative and interdisciplinary lens. Students will explore complex contemporary challenges by integrating diverse perspectives and methodologies, fostering innovative and visionary approaches to problem-solving. The course encourages students to think creatively and critically about the interconnectedness of global issues, emphasizing the importance of imaginative solutions in a rapidly evolving world. By blending creativity with interdisciplinary inquiry, this seminar prepares students to tackle complex problems with originality.

HONP 104 Fractals and Infinity (3 credits)

A study of the beauty of fractals, their numerical and geometric structure, and their fascinating connection to infinity and other branches of mathematics and related fields such as science, art, philosophy, and religion. Many hands-on, visualization, and computer activities and experiences offer rich opportunities to explore, create, and illustrate the dynamics of fractals and mathematics in general by stretching the mind beyond the finite to the infinite, offering a new view of the world we live in. Satisfies Mathematics GenEd requirement; satisfies SEEDS Quantitative Reasoning student learning outcome in alignment with Educated Citizenry value. Mutually Exclusive with MATH 104.

HONP 105 Honors Seminar in Computing (3 credits)

Introduction to the theory, discipline, philosophy and applications of computing. The effect of computing upon the individual, the society, and the environment. Use of application tools including word processing, spreadsheets, data bases, and communications. Satisfies SEEDS Quantitative Reasoning student learning outcome in alignment with Educated Citizenry value. Meets Gen Ed - Computer Science. Mutually Exclusive with CSIT 105.

HONP 106 Creativity (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This course delves into the nature of creativity, examining the processes through which creative ideas and practices are developed. Emphasizing creative thinking and problem-solving, the course explores research on creativity and various methodologies, techniques, and mindsets that foster creativity across disciplines. A central idea guiding the course is that creativity is a mental skill that can be promoted and developed. It can be learned. Students will engage in hands-on projects, critical analysis, and reflective practices to cultivate their own creative abilities and understand the broader implications of creativity in personal and professional contexts. This course is designed to help students develop a systematic approach to creativity, encouraging creative thinking and practice. Equivalent course HONP 208 effective through Winter 2025. Satisfies SEEDS Analyzing Cultures and Societies student learning outcome in alignment with Social Justice and Equity value.

HONP 107 Community Matters (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This course challenges students to work collaboratively and creatively to understand and engage with key issues in their communities, to apply their knowledge to real-world settings, and to reflect on that knowledge. Individual sections will address specific local and community issues, as well as fundamental principles of human and civil rights, democracy, community building, and environmental sustainability. This course emphasizes the principle that understanding and dedicating service to one's community is an important college outcome, and that working with community partners is good preparation for citizenship, work, and life. Satisfies SEEDS Political and Civic Life student learning outcome in alignment with Engagement, Agency and Leadership value.

HONP 108 Transformations (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This foundational course introduces students to pivotal moments in human history and thought through the exploration of transformative events. The course covers literary, artistic, social, economic, political, and technological transformations, fostering an understanding of the interdisciplinary nature of historical shifts. Through diverse writing assignments that encourage innovative expression, students will enhance their ability to creatively articulate their understanding of transformative moments in clear and effective prose, preparing them for advanced writing courses. Satisfies SEEDS Effective Writing II student learning outcome in alignment with Diversity and Intercultural Competency value.

HONP 201 Honors Seminar in the Creative Process (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. This course is designed for second-year honors program students. It makes no assumptions that they have a background in the creative arts. This course will acquaint them with the language and process of the creative arts from both an historical and contemporary perspective. Satisfies Fine and Performing Arts GenEd requirement; satisfies SEEDS Creative Expression student learning outcome in alignment with Self Discovery and Self Care value.

HONP 202 Honors Seminar in Contemporary American Issues (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. Application of social theory, methodology and forms of analysis to contemporary issues of importance within the United States. Satisfies SEEDS Literary and Artistic Analysis student learning outcome in alignment with Social Justice and Equity value.

HONP 210 Honors Seminar in Science (4 credits)

Restriction(s): For Honors Program students only or by permission of instructor. Interdisciplinary course in the natural and physical sciences consisting of seminars and laboratory experience. Satisfies Natural Science Lab GenEd requirement; satisfies SEEDS Scientific Reasoning student learning outcome in alignment with Educated Citizenry value.

HONP 211 Honors Seminar in Contemporary Issues in Science (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. Interdisciplinary course in the natural and physical sciences applying the scientific method, scientific data analysis, reasoning and logic to selected contemporary issues. Satisfies SEEDS Scientific Reasoning student learning outcome in alignment with Educated Citizenry value.

HONP 301 Honors Seminar on Ways of Knowing (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. An interdisciplinary perspective on the nature of knowledge, including philosophical definitions of knowledge, the historical interaction of science with philosophical views of knowledge, the social context of knowledge, and the influence of values on the nature and development of knowledge. Meets Gen Ed - Philosophical and Religious Perspectives.

HONP 302 Honors Seminar on Methods of Scholarship and Research (3 credits)

Restriction(s): For Honors Program students only or by permission of instructor. The course will aim to familiarize students with the methods used in contemporary research in the humanities and the natural and social sciences. There are two goals, which may provide a tension to the course: preparing students to embark on a major research project in their own discipline and making them sensitive to the issues in doing scholarship in other disciplines.

HONP 310 Honors Special Topics (1-3 credits)

Prerequisite(s): HONP 106 or HONP 107 or HONP 108. Restriction(s): For Honors Program students only or by permission of instructor. This honors course explores critical themes within a particular discipline, emphasizing experiential learning and creativity to address contemporary challenges in societal and global contexts. Students will engage in a "big picture" exploration of the discipline, integrating insights from diverse perspectives such as historical, social, scientific, and ethical lenses. Through hands-on experiences and collaborative projects, students will develop innovative solutions and deepen their cross-cultural competence, fostering a nuanced understanding of complex issues within and beyond their field of study.

HONP 490 Honors Capstone (3 credits)

Restriction(s): This course is only for students in the honors program; students must have senior level standing. Typically taken in the final year of study, the Honors Capstone will enable students to synthesize the skills learned throughout their Honors experience, including research, creative thinking, and problem-solving. The course asks students to identify and solve a problem collectively in an interdisciplinary group. Additionally, students will reflect on the larger purpose and social context of their major disciplines and how their education can be used to further the common good.