

HONORS PROGRAM (HONP)

HONP 100 - Honors Seminar in Great Books and Ideas Part I 3 Credits

Prerequisite(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. With HONP 101 meets two-semester Gen Ed - Communication: Writing. 3 hours seminar.

HONP 101 - Honors Seminar in Great Books and Ideas Part II 3 Credits

Prerequisite(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. With HONP 100 meets two-semester Gen Ed - Communication: Literature. 3 hours seminar.

HONP 102 - Honors Seminar in 20th Century Civilization 3 Credits

Prerequisite(s): For Honors Program students only or by permission of instructor. Focus on important political, economic, and technological events of the twentieth century, and their implications for the individual and the society. Meets Gen Ed - American and European History. 3 hours seminar.

HONP 103 - Honors Seminar in Contemporary Civilization 3 Credits

Prerequisite(s): For Honors Program students only or by permission of instructor. Focus on important political, economic, technological and social global issues and their implications for the individual and society. 3 hours seminar.

HONP 104 - Fractals and Infinity 3 Credits

Prerequisite(s): Satisfactory completion of the mathematics portion of the Montclair State University Basic Skills Placement Test. For Honors Program students only or by permission of instructor. 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. Cross listed with MATH 104. Meets Gen Ed - Mathematics. 3 hours lecture.

HONP 105 - Honors Seminar in Computing 3 Credits

Special fee. 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. Meets Gen Ed - Computer Science. Cross listed with CSIT 105. Previous course HONP 112 effective through Spring 2014. 3 hours seminar.

HONP 201 - Honors Seminar in the Creative Process 3 Credits

Prerequisite(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. Meets Gen Ed - Fine and Performing Arts. 3 hours seminar.

HONP 202 - Honors Seminar in Contemporary American Issues 3 Credits

Prerequisite(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. 3 hours seminar.

HONP 210 - Honors Seminar in Science 4 Credits

Prerequisite(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. Meets Gen Ed - Natural Science Laboratory. 3 hours seminar, 2 hours lab.

HONP 211 - Honors Seminar in Contemporary Issues in Science 3 Credits

Prerequisite(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. 3 hours seminar.

HONP 301 - Honors Seminar on Ways of Knowing 3 Credits

Prerequisite(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. 3 hours seminar.

HONP 302 - Honors Seminar on Methods of Scholarship and Research 3 Credits

Prerequisite(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. 3 hours seminar.