

## **INTERDISCIPLINARY STUDIES**

**ID-123 MATHEMATICAL AND SCIENTIFIC LITERACY (6 cr.)** The goal of this course is to develop the skills necessary for mathematical and scientific literacy. The student will gain a deeper appreciation of math and science and how these disciplines help us to understand the world around us. Students will be exposed to how science is done, the types of questions that science seeks to answer, how mathematics both reflects and models the observable world. Students will gain the ability to generalize these ideas and modify them to solve quantitative problems in a changing world. Relevant examples and case studies from physical, life and environmental science will frame the discussions in this course. This course fulfills the mathematics portion of the General Education core and partially fulfills the science portion of the General Education core. Prerequisite: ENGL 101 or equivalent placement.

**ID-290 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-291 WORKSHOP IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-292 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-295 PRACTICUM IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-296 COOPERATIVE EDUCATION IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-299 RESEARCH ASSISTANTSHIP (1-12 cr.)** Graded P/F only.

**ID-351 VALUES: (3 CR.)** The primary purpose of the integrative 351 core course is to develop interdisciplinary abilities in values clarification with reference to at least two major contemporary issues. These courses focus on a broad range of values questions. Topics include the following subjects:

**HEALTH INTEGRATIVE SEMINAR** Topics will vary from year to year, but will deal with a wide range of value questions from the point of view of health.

**ETHICS AND LEADERSHIP** Students will develop a greater understanding of the moral responsibilities of leadership. Leaders in a variety of contexts and cultures will be studied. It will integrate learning from previous coursework as students examine ethical issues leaders face in today's environment.

**SPORT** This course explores Sport through a variety of academic disciplines including social science, fine arts, history and philosophy. The class is designed to develop value clarifying abilities over a wide range of value considerations (moral, physical, social, mental, spiritual, emotional, aesthetic, and philosophic). Pre-requisite: Completion of the skills component of the General Education Core or permission of the instructor.

**ID-360 LEADERSHIP (3 CR.)** Explores the concept of leadership from an interdisciplinary perspective: psychological determinants of leaders and followers, political factors of governance, sociological issues connecting individuals and small groups, anthropological factors in tracking societal transformations and management skills in the practice of leadership.

**ID-399 RESEARCH ASSISTANTSHIP (1-12 cr.)** Graded P/F only.

**ID-412 Advanced Pathophysiology and Pharmacology (1 cr.)** An in depth study of the physiology, manifestations, and treatment of human disease processes in one disease such as septicemia. Pre-requisites: a grade of "C" or better in BIOL 312 and NU 312.

**ID-490 DIRECTED STUDY IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-491 WORKSHOP IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-492 SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-494 INTERNSHIP IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-495 PRACTICUM IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-496 COOPERATIVE EDUCATION IN INTERDISCIPLINARY STUDIES (1-12 cr.)**

**ID-499 RESEARCH ASSISTANTSHIP IN INTERDISCIPLINARY STUDIES (1-12 cr.)**  
Graded P/F only.