

102. Revolutions**in Natural and Social Sciences (4)**

Open to students in the honors program only. Examines fundamental changes in natural and social sciences. Focuses first on revolutions in natural sciences particularly in physics and biology. Then surveys major changes in economic theory with an emphasis on the so-called marginal revolution.*

103. Ecological Social Effects (4)

Open to students in the honors program only. Examines the impact of the Industrial Revolution and the accompanying industrialized nations' demand on Third World nations for tropical products. Puts the Industrial Revolution into global perspective by integrating biological, geographical, ecological, historical, and social effects.*

180. Special Projects in Honors**(1-3; max total 9)**

Open to students in the honors program only. Individual projects in the Smittcamp Family Honors College. Projects related to Honors College courses; for example, internships, research papers, community service projects, new classroom approaches, and learning communities.

Other Honors Courses**ARMS 20H. Arts of Armenia (3)**

Open to students in the honors program only. Introduces Armenian architecture, painting, sculpture, ceramics, metal work and textiles. G.E. Breadth C1.

BIOL 10H. Life Science (3)

Open to students in the honors program only. Not open to students with credit BIOSC 1A. Shows how living things work and why they work that way. Discusses biology from chemical and physical foundations through ecological and evolutionary processes. Examines biology and its relationship to human affairs. (2 lecture, 2 lab hours) G.E. Breadth Area B2.

CFS 38H. Honors Life Span**Development (3)**

Open to students in the honors program only. Basic theories, research, and principles of physical, cognitive, and psychological development from conception to death presented from the perspective of diverse families. Emphasizes reading original theoretical and empirical works by prominent developmentalists and requires a student-conducted research project. G.E. Breadth E1.

CHEM 10H. Chemistry and Society (4)

Open to students in the honors program only. Prerequisite: G.E. Foundation B4. Not open to students with credit in college chemistry; for non-science majors. Discusses significance of chemical principles in contemporary society; benefits and hazards relative to areas such as energy, health, diet, environment and agriculture. (3 lecture, 3 lab hours) G.E. Breadth B1.

COMM 6H. Rhetoric for Autonomy and Collaboration**in the Marketplace of Ideas (3)**

Open to students in the honors program only. Explores invitational rhetoric and its civic function in contemporary public discourse; experiences designed to enhance fundamental communication skills — research, organization, reasoning, empathic listening and problem-solving — through series of oral presentations. G.E. Foundation A1.

DRAMA 75H. Theatre in Contemporary American Culture (3)

Open to students in the honors program only. Introduction to the practice and scholarship of American theatre today. Application of critical methodology for four areas of theatrical production (1) theatre architecture, (2) acting, (3) directing, and (4) design. Attendance at two to three theatre performances is required. G.E. Breadth C1.

ENGL 42H. Creative Writing (4)

Open to students in the honors program only. Prerequisite: G.E. Foundation A2 (ENGL 1). Beginning workshop in the writing of poetry and fiction; appropriate readings and analysis. G.E. Breadth C1.

GEOL 8H. Natural Disasters and Earth Resources (4)

Open to students in the honors program only. Prerequisite: G.E. Foundation B4. Processes and materials that produce the different geologic resources and hazards (earthquakes, volcanoes, floods, landslides.) Plate tectonic theory (including continental drift) as the unifying model to explain geologic phenomena. Emphasizes the relationship between geology and humans. (3 lecture, 2 lab hours)

HIST 15H. Trials of the Century (3)

Open to students in the honors program only. Prerequisite: G.E. Foundation A2 (ENGL 1). Studies celebrated legal trials from 1896 to 2000 as windows for understanding larger historic context. Cases address issues such as racial discrimination, freedom of speech and religion, reproductive rights, consumer protection, war crimes, treason and capital punishment. G.E. Breadth D1. (Formerly HIST 12H, HIST 20H)

HUM 10H. Introduction to the Humanities of the Western World (3)

Open to students in the honors program only. Prerequisites: G.E. Foundation A2 (ENGL 1). Accelerated survey of the relationships between the art, literature, and philosophy of classical antiquity, from classical Greece to the dawn of the Renaissance. G.E. Breadth C2.

MATH 45H. Exploring Mathematics (3)

Open to students in the honors program only. Prerequisite: Students must meet the ELM requirement. Covers topics from the following areas: (1) The Mathematics of Social Choice, (2) Management Science and Optimization, (3) The Mathematics of Growth and Symmetry, and (4) Statistics and Probability. G.E. Foundation B4, Quantitative Reasoning.

MUSIC 60H. Music in Social Context (3)

Open to students in the honors program only. Exploration of various settings in which music has been an important indicator of social class and class values. Emphasis on western classical music and American jazz. Attendance at 2-3 performances of music required. G.E. Breadth C1.

NSCI 4H. Science and Nonsense: Critical Thinking and the Philosophy of Science (3)

Open to students in the honors program only. Shows the use of language, rational inquiry, and logic in science, distinguishing science fact from science fiction. Inductive and deductive methods, judgement, opinion, origins of knowledge, belief and

* For honors students, HONOR 101, 102, and 103 fulfill G.E. areas IB, IC, ID, and M/I. See honors adviser for prerequisites.