

**Common Course of Study Revised Student Learning Outcomes
May 2015**

FIRST YEAR SEMINAR

- FYS 1 Demonstrate critical thinking strategies related to interpretation and evaluation of texts (verbal, visual, or performative) in the context of course materials.
- FYS 2 Identify and consider one's assumptions, thereby building informed perspectives.
- FYS 3 Information Literacy
- FYS 3a Identify and use information relevant to a specific purpose or goal.
- FYS 3b Employ effective search strategies to locate useful information.
- FYS 3c Access and use information ethically and legally.

ELEMENTARY PROFICIENCY IN A SECOND LANGUAGE

- EPSL Have elementary proficiency in a second language.

GLOBAL AND MULTICULTURAL

- GM 1 Understand the social significance of at least two dimensions of identity and/or difference (e.g., gender, race, ethnicity, class, sexuality, religion, etc.) that exist (or have historically existed) in hierarchical relation to each other.
- GM 2 Understand the social significance of dimensions of identity and/or difference in a global context or through a process that brings people outside of their domestic context (e.g., regional/social movement, immigration, colonialism, forced migration, linguistic diversity, etc.).

HUMANITIES

- H 1 Analyze the works and issues created and studied in the Humanities and Arts (language, literature, visual medial, philosophy, religion, rhetoric and composition, creative and performing arts).

- H 2 Demonstrate an ability to express and to evaluate one's responses to the works and issues created and studied in the Humanities and Arts.
- H 3 Demonstrate a critical understanding of the virtues and values of Humanistic inquiry in today's world (ethical reasoning, visual acuity, verbal analysis, aesthetic representation and engagement, and so on) and an appreciation of cultural difference over time and place.

NATURAL SCIENCES with Lab

- NS 1 Employ the fundamental elements of the scientific method in the physical and natural world.
- NS 1a Identify and/or formulate a testable scientific hypothesis.
- NS 1b Generate and evaluate evidence necessary to test and/or revise a hypothesis.
- NS 2 Create, interpret, and evaluate descriptions and representations of scientific data including graphs, tables, and/or models.
- NS 3 Understand how scientific uncertainty informs the evaluation of hypotheses.

QUANTITATIVE REASONING

- Q 1 Explain information presented in mathematical forms (e.g. equations, graphs, diagrams, and tables).
- Q 2 Convert relevant information into appropriate mathematical forms (e.g., equations, graphs, diagrams, and tables).
- Q 3 Solve problems using arithmetic, algebraic, geometric, or statistical methods.
- Q 4 Evaluate mathematical results for reasonableness and validity.

SCIENCE AND TECHNOLOGY IN A SOCIAL CONTEXT (STSC)

An STSC course is a science or engineering course without a lab that addresses a scientific or technologic issue of timely importance and addresses the following objectives:

- STSC 1: Demonstrate the ability to understand the fundamentals of the scientific method.
- STSC 2: Demonstrate the ability to create, interpret, and critically evaluate descriptions and representations of scientific data including graphs, tables, and/or models.
- STSC 3: Apply scientific knowledge to understand scientific issues underlying global, national, or local decisions.
- STSC 4: Evaluate a published work related to physical or natural phenomena.

SOCIAL SCIENCES

- SS 1 Demonstrate an understanding of basic findings and theories in the Social Sciences.
- SS 2 Demonstrate an ability to construct and evaluate arguments using ideas, explanations, and evidence within the Social Sciences.
- SS 3 Demonstrate an understanding of how methods of inquiry in the Social Sciences are applied to collect and examine data in a variety of social issues.

VALUES

- V 1 Construct and evaluate answers to questions of moral and political concern (e.g., questions of morally correct conduct, justice, and social policy) via rational deliberation and based on solid evidence.

WRITING

- W 1 Analyze a variety of rhetorical situations.
- W 2 Identify and employ a range of strategies for discovering, developing, organizing, revising, and editing.
- W 3 Identify and apply the discourse conventions of a chosen academic discipline(s) or fields(s) (including conventions of genre, format, citation, structure, and vocabulary).