TOXC 4970. Junior/Senior Honors Project 1. 4 Hours.
Focuses on in-depth project in which a student conducts research or
produces a product related to the student’s major field. Combined with
Junior/Senior Project 2 or college-defined equivalent for 8-credit honors
project. May be repeated without limit.

TOXC 4971. Junior/Senior Honors Project 2. 4 Hours.
Focuses on second semester of in-depth project in which a student
conducts research or produces a product related to the student’s major
field. May be repeated without limit.

TOXC 4990. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions.
May be repeated without limit.

TOXC 4991. Research. 4 Hours.
Offers students participation in faculty-directed projects in the toxicology
laboratory. May be repeated without limit.

TOXC 5570. Clinical Toxicology. 2 Hours.
Examines the potential toxicity of drugs, commercial products, and
environmental agents. Focuses on clinical manifestations, mechanisms
of toxicity, principles of treatment, and prevention of acute and chronic
poisonings.

TOXC 5572. Environmental Toxicology. 3 Hours.
Discusses the distribution, interaction, and effects of toxic agents
on the biosphere. Applies the results of toxicology investigation to
understanding the environment’s chemical pollution.

TOXC 5574. Organ Systems Toxicology. 3 Hours.
Presents the principles of toxicology from an organ-systems perspective.
Focuses on the concepts used to evaluate toxicity, the mode of injury
at the organ and cellular level, and the basic subcellular mechanisms
through which toxic agents produce damaging effects.

TOXC 5576. Experimental Toxicology. 3 Hours.
Emphasizes the interpretation of toxicological literature. Employs
structure activity and biochemical methods of assessment to evaluate
mechanisms of toxicity of major classes of chemical compounds.
Develops the ability to analyze and interpret data in the literature.

TOXC 5578. Biochemical Toxicology Lab. 4 Hours.
Introduces investigative methods for assessing toxicity. Develops the
ability to analyze and interpret data generated in the lab and in the
literature, and sharpens technical report-writing skills.

TOXC 5976. Directed Study. 1-4 Hours.
Offers independent work under the direction of members of the
department on a chosen topic. Course content depends on instructor.
May be repeated without limit.

TOXC 5978. Independent Study. 1-4 Hours.
Offers independent work under the direction of members of the
department on a chosen topic. Course content depends on instructor.
May be repeated without limit.

TOXC 5984. Research. 1-4 Hours.
Offers an opportunity to conduct research under faculty supervision. May
be repeated without limit.

TOXC 6962. Elective. 1-4 Hours.
Offers elective credit for courses taken at other academic institutions.
May be repeated without limit.