

STEWART HONORS

SHNR 120 - Foundations for Stewart Science Honors Students

Credits 0.5

An introduction to the Stewart Science Honors Program for first-year students. This course equips students with tools for academic success, time management, faith-science integration, and collaborative learning. Students engage with emerging scientific topics, participate in a journal club-style reading group, and build community within their cohort. **Note(s):** Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Restriction(s): Must be Stewart Honors Program; and Undergraduate Level.

SHNR 220 - Career and Research Preparation

Credits 0.5

Designed for second-year students preparing for internships and research experiences. Students will develop resumes, CVs, personal statements, and LinkedIn profiles while building networks and identifying professional opportunities. **Note(s):** Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Prerequisite(s): SHNR 120.

Restriction(s): Must be Stewart Honors Program; and Undergraduate Level.

SHNR 280 - Innovation and Impact in the Sciences

Credits 0.5

Students will engage in interdisciplinary coursework, including but not limited to proposing new ideas for inventions or scientific technologies, discussing primary literature, and thinking deeply on the integration of faith and various disciplines within science, technology, and health. Most semesters will include group projects that will result in presentations on the given topic for the semester. **Note(s):** Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Restriction(s): Must be Stewart Honors Program; and Undergraduate Level.

Repeat Limit (after first attempt): 2.

SHNR 320 - Capstone Proposal

Credits 0.5

This course guides third-year students in developing a proposal for their senior capstone project. Students will identify a research question or scholarly topic, conduct a preliminary literature review, if appropriate, and solicit feedback from at least two faculty mentors.

Note(s): Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Prerequisite(s): SHNR 220.

Restriction(s): Must be Stewart Honors Program; and Undergraduate Level.

SHNR 420 - Stewart Science Capstone

Credits 0.5

In this culminating course, seniors complete their capstone projects and present their work to the School of Science, Technology and Health. Deliverables include a written report and an oral presentation demonstrating scholarly excellence and integrative/interdisciplinary thinking. **Note(s):** Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Prerequisite(s): SHNR 320.

Restriction(s): Must be Stewart Honors Program; and Undergraduate Level.

Repeat Limit (after first attempt): 1.

SHNR 440 - Stewart Science Honors Advanced Topics

Credits 3

Advanced, discussion-based study of cutting-edge topics at the interface of molecular biology, biochemistry, and engineering.

Students analyze and present primary literature, evaluate experimental design and quantitative methods, and connect landmark results to real-world application. Concepts related to repeatable laws of nature and the inherent design of life will be appropriately woven into class topics. Topics vary by instructor (e.g., chemical biology, protein/metabolic engineering, biomaterials, computational biology); assessment emphasizes participation, brief analytical writing, and presentations. **Note(s):** Non-Stewart Honors Program students by department approval only. **Grade Mode:** A.

Restriction(s): Must be Stewart Honors Program; Junior Class or Senior Class; and Undergraduate Level.

Repeat Limit (after first attempt): 1.