With the same outcome goal as CH489 of significantly advancing the cadet's knowledge and comprehension of science and engineering into answering a real world scientific question, this course typically involves experimentation, data analysis, data evaluation, and publishing results. Cadets are supervised by a faculty advisor with expertise in the chosen research area. Cadets conduct research individually but may be part of a larger group working on a project with a broad scope. This course could conclude in a poster presentation, publication and/or a conference presentation as the undergraduate researcher contributes to the larger scientific community. Requirements include both a written final report and an oral presentation.

**Lessons:** 0 @ 0 min (0.000 Att/wk)  
**Labs:** 0 @ 0 min  

**Special Requirements:** LESSONS and LABS: Established by consultation between the cadet and his/her faculty advisor. Cadets are expected to perform an average of 7.5 hours of work per week towards completion of the project.

**Prerequisite(s):** CH489