

Construction Engineering Honors

Academics

Coursework

Construction Engineering Honors students must fulfill the requirements of Barrett, The Honors College. Students should work with their Honor Faculty advisor to integrate the following requirements into their programs of study.

Lower-division requirements (must be completed by all students entering the honors college with fewer than 60 college credit hours complete)

- The Human Event sequence – Honors students are required to complete HON 171 (3-credit hours) and HON 272 or 273 (3-credit hours) within their first three semesters in the honors college
- 12-credit hours of honors coursework, in addition to The Human Event sequence

Upper-division requirements (must be completed by **all** honors students in order to graduate from Barrett, The Honors College)

- Minimum 18-credit hours of upper-division (300- and 400-level courses) honors coursework
- Thesis or Creative Project – All students will complete a thesis or creative project, which will count for up to 6 of the required 18 upper-division honors credits. **Please note:** Students can take CNE 486 as a springboard for their thesis/creative project.

Students admitted to Barrett, The Honors College with 60-hours or more of earned credit-hours must complete the upper-division requirements listed above **AND** are also required to successfully complete HON 371, 373, 374 or 394 in order to graduate from the honors college.

Listed courses in Construction Engineering for honor contracts include: CNE 213; CNE 321; CNE 353; CNE 400; CNE 421; CNE 455; and CNE 495. CNE 213 is an automatic honors credit, while the other six courses serve as honors enrichment courses. However, an honors student can speak with any professor about an honors contract in any course. Further information on the honors enrichment contract is found in <http://barretthonors.asu.edu/academics/honors-courses-and-contracts/honors-enrichment-contracts/>

Thesis Information

Completion and defense of a thesis is required for graduation from Barrett, The Honors College. The thesis project can take many forms, such as a research project, an applied project, a business plan, or a creative project. Construction

Engineering students will work closely with an ASU faculty member from concept through defense of the thesis project. Students are responsible for determining a topic, finding a director, compiling information, creating a manuscript, and presenting their findings to a thesis committee to receive credit for the thesis project. The thesis committee must consist of 2-3 people. This includes the thesis director and other ASU faculty and/or industry participants. For specific information about this process, students should see their thesis director or an academic advisor from the School of Sustainable Engineering & the Built Environment (SSEBE). Information on the honors thesis/creative project can be found at <http://barretthonors.asu.edu/academics/thesis-and-creative-project/>

Please note that prior to enrolling in a thesis credit course (HON 492 or HON 493), all students must complete a thesis/creative project information session. Students may fulfill this requirement by completing one of the following:

- One of the Thesis Workshop Sessions periodically offered by Barrett
- The on-line workshop offered through Barrett via ASU Blackboard.

Some Barrett internship opportunities are available. Information on these can be found at <http://barretthonors.asu.edu/academics/internships/>

For more information please contact the Faculty Honors Advisor in Construction Engineering, Professor Samuel Ariaratnam.

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