

## CHEMICAL ENGINEERING

This program offers an opportunity for undergraduate majors to undertake research at an advanced level with a faculty mentor, graduate students, and other undergraduates. This three-quarter sequential program involves (1) research study in an area proposed to and agreed to by a Department of Chemical Engineering faculty adviser and/or sponsor, (2) concurrent enrollment in the undergraduate honors seminar, (3) completion of a faculty-approved thesis, and (4) participation in the Chemical Engineering Honors Symposium held annually during Spring Quarter. The last requirement may also be fulfilled through an alternative, public, oral presentation with the approval of the department chair.

Chemical engineering majors who wish to be considered for the honors program should see departmental student services by the beginning of Winter Quarter of their junior year for more information about the application process, a research proposal template and other assistance. An application includes a proposal describing the research project, endorsement by a chemical engineering faculty sponsor, and a transcript of courses taken at Stanford. A faculty review committee will select the successful candidates. To qualify for recommendation for a Bachelor of Science in Chemical Engineering with Honors, degree students must complete the following requirements:

1. Should maintain an overall GPA of 3.5 or higher as calculated on the unofficial transcript.

2. Complete at least three quarters of research with a minimum of 9 units of CHEMENG 190H for a letter grade. All quarters must focus on the same topic. Maintain the same faculty advisor and faculty reader throughout, if feasible.
3. Participate in CHEMENG 191H concurrently with each enrollment in 190H
4. Participate in the Chemical Engineering Honors Symposium held during Spring Quarter with a poster and oral presentation of thesis work or, at the faculty's discretion, in a comparable public event.
5. Submit a completed draft of thesis simultaneously to both the advisor and the reader, and if appropriate to the Chemical Engineering faculty sponsor, no later than May 1 (or the first day of the second month of the quarter in which the BSH is to be conferred).
6. Complete all work and thesis revisions and obtain indicated faculty approvals on the Certificate of Final Reading of Thesis form by the end of the third week of May (or the second month of the graduation quarter).
7. Submit to Chemical Engineering Student Services five final copies of the honors thesis as approved by the appropriate faculty and with a signed certificate form in each copy. The 2008-09 deadline is May 18, 2009, (or the Monday at the beginning of the fourth week of the second month of the graduation quarter).

All requirements for the honors program are in addition to the normal undergraduate program requirements.