

# COMMONWEALTH HONORS COLLEGE

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## COMPUTER SYSTEMS ENGINEERING DEPARTMENTAL HONORS

Departmental Honors (DH) is an Advanced Scholarship track of Commonwealth Honors College (CHC). Students may complete DH as part of the full CHC curriculum, which includes Honors General Studies, or they may complete DH alone. All DH students are members of CHC.

Successful completion of the DH course requirements with minimum grades of B (or as specified below) and the submission of a properly formatted Honors Thesis or Project manuscript (minimum grade of B for Seminar manuscripts) will result in the award of "Departmental Honors" on the student's academic transcript. For information about DH, speak with your Honors Program Director and see Admission Process below. For information about the full CHC Curriculum, see <http://www.honors.umass.edu/curriculum>.

### Department Introduction

For students pursuing CSE Curriculum: CSE 14-17 <http://ece.umass.edu/ece/flowcharts>

### General Admission Criteria

Minimally, to be eligible to apply for DH, students must have • An overall GPA of 3.400 or higher earned after one or more fulltime semester/s of UMass Amherst coursework • The ability to complete the DH sub-plan requirements • The ability to complete the CHC minimum residency requirement, i.e., 45-graded (not pass/fail) credits earned at UMass Amherst (not transferred)

### Departmental Admission Criteria

Students must have an ECE GPA of at least 3.400 and have taken the following courses: ENGIN 112, ECE 211, 212, 232 and 242; MATH 235, 331 and 455 (or COMPSCI 250)

### Admissions Process

- UMass Amherst students who are not already members of CHC must apply to Departmental Honors, an Advanced Scholarship CHC sub-plan, via the CHC online application using the following link.  
<http://www.honors.umass.edu/admissions/apply-current-students>
- Students who are already members of CHC should meet with the department's Honors Program Director (HPD) regarding their interest in joining Departmental Honors (DH), an Advanced Scholarship CHC sub-plan. The HPD will determine a student's eligibility and preparedness for DH. Admission to DH will be at the discretion of the HPD based on the criteria as established by the department and CHC (see Admission Criteria above). The HPD will notify the CHC office of newly accepted DH students so appropriate steps can be taken to designate the sub-plan on SPIRE.

### Program Requirements

- E&C-ENG 313 plus affiliated honors colloquium
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- ENGIN 351H
- Honors Thesis or Project. Options include:
  - Individually contracted: E&C-ENG 499Y Honors Research and E&C-ENG 499T Honors Thesis or 499P Honors Project Note: Oral Defense requirement satisfied by student participation at the ECE Honors Exhibition in April, including poster presentation and questions from the student's CE committee about the research and results.

Notes: CSE majors completing the DH track are required to complete only three (of the usual four) CSE Elective courses.

### Requirement Exceptions

Note: exceptions to the requirements above require approval by both the Honors Program Director (HPD) and a Commonwealth Honors College advisor; Petition for Exception requests must be submitted through [CHC PATHS](#).

### General Links

Honors Program Directors: <http://honorsapp.honors.umass.edu/courseguide/honorsCoordinators.aspx>  
CHC Application: <http://www.honors.umass.edu/joining-honors-college>  
Honors Credentialing: <https://cesd3.oit.umass.edu/undergradguide/2017-2018/Page13073.html>  
Honors Thesis or Project: <http://www.honors.umass.edu/capstone-experience>  
Manuscript documentation and formatting: <http://www.honors.umass.edu/capstone/formatting>

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