

## DEPARTMENTAL HONORS IN CHEMICAL ENGINEERING

### **Commonwealth College Departmental Honors (CD) admission requirements:**

- to participate in Departmental Honors, students must be members in good standing of Commonwealth College with the ability to complete 48 graded (not pass/fail) credits in residence (registered at UMass Amherst, not transferred);
- students must have a ChE GPA of at least 3.2 and should have completed ChE 120;
- students must meet with the Departmental Honors Coordinator to discuss requirements and departmental opportunities. The Coordinator will sign a *Change of Major* form initiating a change to **Chemical Engineering Departmental Honors (ChE CD)** to indicate an intention to admit the students to the ChE CD track;
- finally, the *Change of Major* form must be co-signed at the Commonwealth College Office to finalize admission to the track.

### **Requirements for the distinction Departmental Honors in Chemical Engineering:**

**Completion of Commonwealth College honors course requirements as specified on the student's Commonwealth College contract.** The following courses are required unless there are contracted accommodations:

- ENGLWP 112H or approved substitution with grade of B or better (or exemption)
- GenEd honors course with grade of B or better
- GenEd "I" honors course with grade of B or better
- Deans Book Series with grades of B or better in one 1-credit intro section and in two follow-up sections
- 1 ChE Honors course any level with grade of B or better
- 1 ChE Honors course 300 level or higher with grade of B
- ChE 499Y "Honors Research" with grade of A- or A for Magna, A for Summa\*
- ChE 499T "Honors Thesis" with grade of A- or A for Magna, A for Summa\*

\*GPA greater than or equal to 3.500 for Magna; 3.800 for Summa cum laude

For questions about departmental honors or the Commonwealth College contact the Chemical Engineering Honors Coordinator (Forbes, 557-0132) or Commonwealth College Advisor (Cory Pols, 545-2081, email, [cory@comcol.umass.edu](mailto:cory@comcol.umass.edu))

## Commonwealth College Requirements (<http://www.umass.edu/comcol>)

GPA minimum 3.200

Minimum of 48 graded (not pass/fail) residency credits (not transfer)

Computer Literacy Foundation Requirement (CLF) – most students are exempted from this after taking Engin 110 or similar course that includes a strong computer component

### *Specific Course Requirements*

	Requirement	Some Recommended Course(s)	Recommended Courses for Departmental Honors Track
1.	“B” or better in ENGLWP 112H (or through an exemption)	ENGLWP 112H (FR)	Same
2.	General Education Honors Course	Chem 121H (FR), Chem 122H (FR), Math 131H (FR), Math 132H (FR), Phys 151H (FR), Phys 152H (SO), Math 233H (SO)	Same
3.	General Education Honors Course with an “I” Designation	Many – refer to honors course guide for complete list	Same
4A.	Dean’s Book Series Level I (1 cr)	Honors 191D	Same
4B.	Dean’s Book Series Level II (1 cr)	Honors 291D	Same
4C.	Dean’s Book Series Level II (1 cr)	Honors 391D	Same
5.	Elective Honors Course at any level	Many – refer to honors course guide for complete list	ChE 230H (SO), ChE 401H (SR), ChE 402H (SR)
6.	Honors Course at 300-level or above	ChE 396H (JR), ChE 401H (SR), ChE 402H (SR), Math 431H (SO), ChE 500 level course **, many additional Gen Ed honors courses – refer to course guide	ChE 396H (JR), ChE 401H (SR), ChE 402H (SR), ChE 500 level course **
7.	Culminating Experience Part I	ChE 499Y	Same
8.	Culminating Experience Part II	ChE 499T	Same

\*\* Many 500 level courses can be counted as honors courses if the enrollment is < 24 students and there is a significant graduate enrollment (e.g., ChE 592B Introduction to Biochemical Engineering)

Note: up to two independent study courses (besides 499Y and 499T) can be taken for honors credit.