**The General Studies Component**

*focuses on breadth of study during First and Sophomore years*

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<th>Honors Course Requirements</th>
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| 1. Competency in UMass Gen Ed "CW" requirement via completion of ENGLWRIT 112H with grade of B or higher (three or more crs.) | Other methods of meeting this requirement include
- Earn a 4 or 5 on AP Exam in English Language & Composition
- Earn a combined score of 1460 or higher on the Critical Reading & Writing sections of the SAT
- Earn an exemption by taking UMass' Writing Placement Test**
Note: If prior to admission to CHC, the "CW" is fulfilled with transfer or UMass college-writing (CW) coursework with a grade/s lower than "B," a writing portfolio must be submitted to CHC by March of junior year (talk with a CHC Advisor). |
| 2. ENGLWRIT 112H (three or more cr.) | If College Writing is completed prior to CHC admission: any Gen Ed Honors Course (three or more crs.)² |
| - Honors sections of First-year and Sophomore-level Math, Physics, and Chemistry** courses count. OR
- Any 500+ Technical Electives (ex: Intro to Polymer Science) | No exceptions. **Try to take First-Year** |
| 3. HONORS 291A "Ideas that Changed the World" a Gen Ed "I" (four crs.) | No exceptions. **Try to take Sophomore Year. Cannot be a Chemical Engineering Course.** See website: [https://www.honors.umass.edu/academics/courses/honors391a](https://www.honors.umass.edu/academics/courses/honors391a) |
| 4. HONORS 391A Special Topics (one cr.), prerequisite of sophomore, junior or senior standing. | |
| 5. Any Gen Ed honors course that is in a different department than requirement #2 above and #6 below (three or more crs.) | If Gen Ed requirements in areas of strength are fulfilled (through AP or transfer credits) then students may substitute:
- Any Honors Course (three or more crs.)² in a department different than requirement #2 above and #6 below¹ |
| - Honors sections of First-year and Sophomore-level Math, Physics, and Chemistry** courses count. | |
| 6. Any Gen Ed honors course that is in a different department than requirements #2 and #5 above (three or more crs.)² | If Gen Ed requirements in areas of strength are fulfilled (through AP or transfer credits) then students may substitute:
- Any Honors Course (three or more crs.)² in a department different than #2 and #5 above¹ |
| - Honors sections of First-year and Sophomore-level Math, Physics, and Chemistry** courses count. | |

**General Studies Honors (GSH) -- an optional credential for honors students who do not continue into Advanced Scholarship additionally requires: the Gen Ed "Integrated Experience" requirement to be passed with a B or higher grade plus a cumulative GPA of 3.400 or higher at graduation.**

¹ The principle that CHC Advisors will use in approving these alternatives is as follows: Requirements 2, 5, and 6 are intended to be honors courses from three different departments, only one of which may be the student's major department.

² That is, a fully enriched honors course or an honors course formed by adding a 1-credit Honors Colloquium or a 1- or 2-credit Honors Independent Study to a non-honors 3-credit course (as long as grades of B or higher are earned in both the honors and non-honors parts). For other permissible honors courses, see a CHC Advisor.

²² If you have AP credit for these courses then 500-level Technical Electives may also satisfy these requirements.
### The Advanced Scholarship Component

*focuses on preparation for the honors thesis or project (these sub plans cannot be declared before the sophomore year)*

#### Departmental Honors (DH)

We suggest this option for Chemical Engineering students.

A **Departmental Honors (DH) program** is the best choice for students who wish to pursue

- Advanced scholarship in their major
- Graduate studies in their major or related field
- A career related to their major

DH tracks will meet or exceed these criteria:

- **Two or more departmental honors courses;** at least one at the 300-level or higher. *Courses offered so that ChemEng Students can satisfy this requirement:*
  1. **CHEM-ENG H226-01 (57593) SPRING-ONLY, Suggested For Sophomores**: We HIGHLY suggest taking this course. This is a 1-credit colloquium course that will introduce you to the research being conducted in the ChemEng department.
  2. **CHEM-ENG H402-01 (56918) FALL-ONLY, Suggested For Seniors**: We HIGHLY suggest taking this course. This is a 1-credit colloquium course that will introduce you to the research being in ChemEng and related departments around the country.
  3. Any Technical Electives above the 500-level (ex: Intro to Polymer Science). If you are not sure if a course counts, e-mail Prof. Schiffman.

- **Departmental Honors Thesis** (499Y and 499T courses usually taken in the Senior year; 6-or-more credits on one topic)
  - You must conduct research in a computational or experimental lab. The Research Lab does not need to be in Chemical Engineering.

#### Multidisciplinary Honors (MH)

AN EXTREMELY RARE option for Chemical Engineering students.

A **Multidisciplinary Honors (MH) program** is the best choice for students who wish to pursue honors work

- Outside of their primary major or
- Between two or more disciplines

MH requires:

- One any-level Honors Course
- One 300-level or higher Honors Course
- Honors Thesis or Project (6-or-more credits on one topic)

OR

See: [www.honors.umass.edu/multidisciplinaryhonors](http://www.honors.umass.edu/multidisciplinaryhonors)

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If you plan on conducting a Honors Thesis, then any time in the Junior Year you must declare "Departmental Honors".

To do so, e-mail Prof. Schiffman the information below. She will complete the online form and send you an e-mail confirmation after having done so.

Send e-mail to: schiffman@ecs.umass.edu

**E-mail Subject:** "First Name Last Name: Authorization for admission to DH"

**In the Body of the E-mail:**

1. Your full name
2. Student Spire ID
3. Anticipated Graduation Year
4. Name of the Professor whose lab you will be conducting your research project in.