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| **General Education Components[[1]](#footnote-1) (15 semester hours)** |
| Be Creative Course consistent with career goals | 3 s.h. |
|  |
| 3 s.h. Diversity and Inclusion Course consistent with career goals (*consider the following course)* |
| SRM:1045 | Diversity & Inclusion in Healthy Living | 3 s.h. |
|  |
| 9 s.h. of additional GEC courses consistent with career goals (*consider the following courses)* |
| CPH:1400 | Fundamentals of Public Health | 3 s.h. |
| GHS:3560 | Global Garbage and Global Health | 3 s.h. |
| GHS:3760 | Hazards and Society | 3 s.h. |
| **Statistics Elective (3 semester hours)***(Choose one)* |
| STAT:2020CBE:3020 | Probability and Statistics for Engineering and Physical SciencesApplied Statistics for Chemical and Natural Resources Engineering | 3 s.h.3 s.h. |
| **Advanced Chemistry/Science Electives[[2]](#footnote-2) (6 semester hours)** |
|  | Advanced Chemistry Course  | 3 s.h. |
|  | 3 s.h. Advanced Science Course *(consider the following course)* | 3 s.h. |
| OEH:6710 | Human Toxicology and Risk Assessment (*Offered every spring semester*) | 3 s.h. |
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**Electives (12 semester hours)**

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| **Required Course**  |  |  |
| CBE:4125**Electives**OEH:6440CBE:4459ISE:4175CEE:4158CPH:3200OEH:5410 | Advanced Chemical Process Safety *(offered spring of even years)*Control of Occupation Hazards *(offered spring of even years –* ***highly recommended****)*Air Pollution Control Technology *(offered spring semesters)*Safety Engineering *(offered fall semesters)*Solid and Hazardous Wastes *(offered fall semesters)*Death at Work: Case Studies of Workplace Safety and Health *(offered spring semesters)*Occupational Safety (*offered spring semesters of even years*) | 3 s.h.3 s.h.3 s.h.3 s.h.3 s.h.3 s.h.3 s.h. |
| OEH:5620OEH:6420 | Occupational Health (*offered fall semesters)*Methods in Exposure Science *(OEH:5620 is pre-requisite: offered fall semesters)* | 3 s.h.3 s.h. |
| OEH:6720OEH:6450 | Advanced Toxicology (*OEH:6710 is a pre-requisite; offered fall semesters of even years)*Aerosol Technology (*offer fall semesters)* | 4 s.h.3 s.h. |

1. <https://www.engineering.uiowa.edu/current-students/academic-information/general-education-component>. Discuss with your CBE faculty advisor if you have questions about your GEC requirement. [↑](#footnote-ref-1)
2. <https://cbe.engineering.uiowa.edu/undergraduate-program/undergraduate-handbook/chemical-engineering-curriculum#Advanced%20Chemical%20Science%20Electives>. Discuss with your CBE faculty advisor if you have questions about your advanced chemistry/science electives. [↑](#footnote-ref-2)