### FIRST YEAR

**Fall Semester**  
- Applications due  
- Students selected for next cohort  
- Orientation session early December

**Spring Semester**  
- iCons 1 - NATSCI 189 H (4 credits):  
  "Global Challenges, Scientific Solutions"  
  - Counts as Gen Ed Interdisciplinary  
  - Carries Honors credit  
- **Choose Theme Area:**  
  - Biomedicine/Biosystems (Biomed)  
  - Renewable Energy (RE)

### SECOND YEAR

**Fall Semester**  
- Community engagement activities  
- Begin looking for research opportunities  
- Take prerequisites for iCons 3 Biomed:  
  - Bio 285 or BMB 275 with grade of “C” or higher  
- Take prerequisites for iCons 3 RE:  
  - Calculus 127/128 or Calculus 131/132 with a grade of “C” or higher  
  - Science lab courses or science courses with associated labs from at least two different departments with grade of “C” or higher

**Spring Semester**  
- iCons 2 – NATSCI 289 H (4 credits):  
  "Integrated Scientific Communication"  
  - Section 1 – Biomed theme  
  - Section 2 – RE theme  
  - Satisfies Junior Year Writing requirement*  
  - Carries Honors credit

*For most majors

### THIRD YEAR

**Fall Semester**  
- Community engagement activities  
- Fulfill remaining pre-requisites for iCons 3  
- Find a research lab for iCons 4  
- Study abroad fits well here

**Spring Semester**  
- iCons 3 Biomed – Bio 383 H (4 credits):  
  "Gene and Genome Analysis"  
  - Carries Honors Credit  
  - Counts for Upper Level Elective*  
  - Satisfies Criteria 2 & 3 of Integrative Experience  
- iCons 3 RE – NATSCI 389 H (4 credits):  
  "Team Discovery Lab in Renewable Energy"  
  - Carries Honors Credit  
  - Counts for Upper Level Elective*  
  - Satisfies Criteria 2 & 3 of Integrative Experience  
- **Consider joining a lab [396(H), 1-3 credits] to begin research**

### FOURTH YEAR

**Fall Semester**  
- iCons 4 – NATSCI 490 FH (1 credit):  
  "Integrative Team Science Seminar" *along with*  
- Departmental 499 Y Research OR  
  Senior Design Project I (3 credits):  
  "iCons Advanced Study I"  
  - Plan and perform research with peer support  
  - Production of Student Showcase Video Abstracts

**Spring Semester**  
- iCons 4 – NATSCI 490 SH (1 credit):  
  "Integrative Science Senior Exposition Seminar" *along with*  
- Departmental 499 T Thesis OR  
  Senior Design Project II (3 credits):  
  "iCons Advanced Study II"  
  - 499 T Satisfies Commonwealth Honors College Thesis  
  - 490 SH Satisfies Criterion 1 of Integrative Experience