This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2017 plan their academic career and ensure that they complete all requirements for graduation in a timely fashion. All other students should consult their academic and department advisors to chart their own 4-year academic plans. Students should note that course prerequisite/s and corequisite/s are strictly enforced, and they should regularly meet with their department advisors to identify their specific major/minor requirements and entrance and maintenance criteria (if applicable) for successful completion of their degree.
General Education requirements may be taken in any order if the pre-requisite requirement(s) is/are satisfied.

* If a Literature course is taken with a W, it will count towards Literature and one Writing Intensive Unit.

Completion of 21 credits in major with 2.75 GPA or higher
3.0 GPA in SEYS courses required to continue in program
Junior

**FALL**

- PHYS 233.1 1 credit
  Mathematical Methods I
- PHYS 260 4 credits
  Modern Physics
- PHYS 242 3 credits
  Thermodynamics
- PHYS 220W 2 credits
  Current Issues in Physics
- SEYS 201W (W) 3 credits
  Historical, Social, and Philosophical Foundations of Education
- SEYS 221 3 credits
  Development and Learning in Middle Child and Adolescence

**SPRING**

- PHYS 235 2 credits
  Classical Physics LAB
- PHYS 225 4 credits
  Solid State Physics
- SEYS 340 3 credits
  Language, Literacy, & Culture in Education
- SEYS 362 3 credits
  Methods in Teaching Science in Middle & High School
- ECPSE 350 3 credits
  Foundations of Special Education

**Fall total credits** 16 credits

**Senior**

**FALL**

- PHYS 222 3 credits
  Optics
- PHYS 237 4 credits
  Mechanics
- SEYS 372.2 3 credits
  Student Teaching Initial Clinical Experience in Science for Secondary School
- SEYS 382 3 credits
  Curriculum and Assessment in Teaching Science
- SEYS 350 3 credits
  Cognition, Technology & Instruction For Diverse Learners

**SPRING**

- PHYS Elective 6 credits
  200 or above
- SEYS 372.4 3 credits
  Student Teaching Clinical Experience in Science for Secondary School
- General electives* 6 credits

**Spring total credits** 15 credits

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*General Electives: Students may complete general electives by taking courses in (most) department/s or programs they choose; however, depending on the course/program, students may need department permission and/or prerequisite course/s. Electives may be used to supplement the chosen major (an English major may want to take a course in French or Italian literature) or to fulfill interest in a different area (a Music major may be interested in the physics of sound). Students are encouraged to use available electives to complete a dual major, minor, pre-requisites for graduate or professional school, or complete and internship, experiential learning and/or study abroad. Students are encouraged to use their available general electives wisely and focus on coursework that will assist them personally, academically and professionally.