This 4-year academic plan is designed to help freshmen entering Queens College in Fall 2017 or after 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
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.

Queens College
Four-Year Academic Plan
Physics Secondary Education 7-12 BA

Junior

**FALL**

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

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

**Spring total credits** 16 credits

**Senior**

**FALL**

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

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

**Spring total credits** 15 credits

*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.