



The City College of New York
DRAFT Department of Physics ***DRAFT***
 Division of Science

Degree Name: B.S. in Physics

DRAFT

Total Credits Required for Degree: 120

Major Code: 4DC Concentration: 194 (Standard)

Semester	Course I	Course II	Course III	Course IV	Course V	Total Cr. /Sem.
1	Math 20100 Calculus 1 3 cr.	FIQWS 6 cr.	Speech 111 Or Speech Proficiency Test 3 cr.		NSS New Student Seminar 0 cr.	13
2	Math 20200 Calculus II 3 cr.	*Bio 10100 OR Chem 10300 OR EAS 10600 4 cr.	Perspective Global 3 cr.	Perspective Literary 3 cr.	Engl 21003 Writing for the Sciences 3 cr.	16
3	Math 20300 Calculus III 4 cr.	Physics 20700 General Physics I 4 cr.	*Bio 10200 OR Chem 10400 OR EAS 22700 4 cr.		Perspective Logical/Philosophical 3 cr.	15
4	Physics 20800 General Physics II 4 cr.	Math 39100 Methods of Differential Equations 3 cr.	*Bio 10200 OR Chem 10400 OR EAS 22700 4 cr.	Perspective Artistic 3 cr.	Free Elective 3 cr.	17
5	Physics 35100 Mechanics 4 cr.	Physics 35300 Electricity and Magnetism I 3 cr.	Physics 37100 Advanced Physics Laboratory I 2 cr.	Math 39200 Linear Algebra and Vector Analysis 3 cr.	*Bio 10200 OR Chem 10400 OR EAS 22700 4 cr.	16
6	Physics 35400 Electricity and Magnetism II 3 cr.	Physics 55100 Quantum Physics I 4 cr.	Physics 47100 Advanced Physics Laboratory II 2 cr.	Perspective Self and Society 3 cr.	Free Elective 3 cr.	15
7	Physics 55200 Quantum Physics II 4 cr.	Physics 45200 Optics 3 cr.	Physics 55600 Current Topic in Physics 1 cr.	Free Elective 3 cr.	Free Elective 3 cr.	14
8	Physics 45100 Thermodynamics and Statistical Physics 3 cr.	Free Elective 3 cr.	Free Elective 3 cr.	Free Elective 3 cr.	Free Elective 2 cr.	14

Major requirements: 38 Credits

ADDITIONAL REQUIREMENTS

1. * Science Course: You must complete 4 Science Courses outside your major.



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