

**Physics Course Supplement**

Please list all of the college or university Physics and Mathematics courses you have taken to date, are now taking, and plan to take before graduation. Organize the courses by discipline and list in order taken from oldest to most recent. List each course individually. For “Primary Text”, list the author and title of the primary textbook used in each course. For “Semester Completed”, list the term and year (e.g. “Fall ’17”, “Winter ’19”, etc.) For “Grade”, enter your final grade in the course. If you audited the course without receiving a grade, enter “AUDIT”. All final grades provided here must ALSO be noted on your official transcript. If any of the requested information is not applicable in some situations (e.g. the grade for a course in progress, a course did not use a textbook, your university does not use course numbers, etc.), simply leave the corresponding box blank. Please remember to save this as a Word document.

<b>Course Name</b>	<b>Course Number</b>	<b>Grade</b>	<b>Semester Completed</b>	<b>Primary Text (Author/Title)</b>
Linear Algebra	MAT193	A+	Fall '19	
Vector Calculus	MAT298	A+	Fall '19	Stewart/ Calculus, 6 <sup>th</sup> Edition
Relativity and Modern Physics	PHQ134	A+	Fall '19	Thornton-Rex/Modern Physics
History of Natural Sciences and Math	SCI100	A+	Fall '19	
Mechanics I	PHQ114	A+	Fall '19	Taylor/Classical Mechanics
Scientific Programming in Python	IFT211	A+	Winter '20	
Mathematical Physics	PHQ201	A+	Winter '20	
Introduction to Scientific Calculus	PHQ202	A+	Winter '20	
Wave Phenomena	PHQ214	A+	Winter '20	
Electricity and Magnetism	PHQ224	A+	Winter '20	Griffiths/ Introduction to Electrodynamics
Practical Work I	PHQ260	A+	Winter '20	
Mechanics II	PHQ414	A	Summer '20	Goldstein/Classical Mechanics
Optics	PHQ324	A+	Fall '20	Hecht/Optics
Statistical Physics I	PHQ344	A+	Fall '20	Reif/Fundamentals of Statistical and Thermal Physics
Practical Work II	PHQ360	A+	Fall '20	
Methods of Theoretical Physics	PHQ505	A+	Fall '20	
Quantum Mechanics I	PHQ334	A+	Fall '20	Cohen/ Quantum Mechanics I

Euclidean and Non-Euclidean Geometry	MAT401	A+	Summer '21	
Mechanics II	PHQ414	A	Fall '21	Goldstein/Classical Mechanics
Quantum Mechanic II	PHQ434	A+	Summer '21	Cohen/ Quantum Mechanics II
Statistical Physics II	PHQ444	A+	Summer '21	
Practical Work III	PHQ460	A+	Summer '21	
Advanced Electromagnetism	PHQ524	A+	Winter '22	Griffiths/ Introduction to Electrodynamics
Advanced Practical Work I	PHQ560	A+	Winter '22	
Solid State Physics	PHQ585	A+	Winter '22	Kittel/ Introduction to Solid State Physics
Quantum Mechanics III	PHQ634	A+	Winter '22	
Differential Geometry	MAT603	A+	Winter '22	Pressley/Elementary Differential Geometry
Introduction to Research	PHQ662	A+	Summer '22	
Photonics and quantum optics	PH577		Fall '22	Grynberg-Aspect-Fabre/Intro duction to Quantum Optics
General Relativity	PHQ615		Fall '22	
Quantum Information	PHQ637		Fall '22	Nielsen-Chuang/ Quantum Computation and Quantum Information
Subatomic Physics	PHQ636		Fall '22	