

# Physics & Astronomy Course Offerings

Blue boxes are important as Applied Physics Cognates

## PHYSICS

F18 F20	SP19 SP21	F19 F21	SP20 SP22	Course	Hrs
1010	—	1010	—	Physics Colloquium	1
1110	1110	1110	1110	Discovering Physics	4
1600	—	1600	—	Physics of Music	3
Both	Both	Both	Both	Non-Calc Physics 2010 & 2020	0
Both	Both	Both	Both	Non-Calc Lab 2011 & 2021	4
Both	Both	Both	Both	Calc-Physics 2110 & 2120	0
Both	Both	Both	Both	Calc Lab 2111 & 2121	4
3100	3110	3100	3110	Modern Physics I & II	3
—	3111	—	3111	Modern Physics Lab	1
3150	3160	3150	3160	Theoretical Physics I & II	3
—	3800	—	3800	Physics Seminar	1
3900	3900	3900	3900	Physics Practicum	1
—	3200	—	—	Scientific Modeling	2
—	—	3300	—	Classical Mechanics	3
—	3350	—	—	Applications of Analog Electronics	4
—	3400	—	—	Intermediate Physics	3
—	—	—	3520	Optics and Photonics	3
3610	—	—	—	Thermodynamics & Stat Mech	3
—	3930	—	—	Teaching of Physics	3
3950	3960	—	—	Physics Licensure I and II	1
—	—	4310	4330	Electricity & Magnetism I & II	3
4380	4390	—	—	Quantum/Advanced Quantum	3
—	—	—	4700	Relativity	3
4850	4850	4850	4850	Physics Research	2
4900	4900	4900	4900	Physics Thesis	2

## ASTRONOMY

F18 F20	SP19 SP21	F19 F21	SP20 SP22	Course	Hrs
1030	1030	1030	1030	Exploring the Universe	3
1031	1031	1031	1031	Observing the Universe	1
—	—	—	2030	Solar System Astronomy	3
—	2040	—	—	Stars, Galaxies, and Cosmology	3
3400	—	—	—	Introduction to Astrophysics	3
3401	—	—	—	Experimental Astrophysics	1
4850	4850	4850	4850	Astronomy Research	2
4900	4900	4900	4900	Astronomy Thesis	2