

*** Please note that the following information is tentative and subject to any form of amendment. The finalized availability and other course details please refer to the formal course announcement in the Department website around the end of July.**

Course code (4-yr)	Course Name	Offered in 2019-2020
CCCH9052	Arts, Science and Artifacts in Chinese Cultural Heritage	Sem 1
CCST9014	Science and Music	Sem 2
CCST9022	How the Mass Media Depicts Science, Technology and the Natural World	Sem 1
CCST9026	Scientific Revolutions: Their Continuing Impact on Our World and Society	Sem 1
CCST9028	Science and Technology: Facts and Fallacies	No
CCST9038	Science and Science Fiction	Sem 2
CCST9051	What are we made of – the Fundamental Nature of Matter	Sem 1
CCST9056	The Force is with You: How Things Work	Sem 1
CCST9065	Women in Science	Sem 2
ENVS3010	Sustainable Energy and Environment	Sem 2
PHYS1050	Physics for Engineering Students	No
PHYS1055	How Things Work	Sem 2
PHYS1056	Weather, Climate and Climate Change	Sem 1
PHYS1150	Problem Solving in Physics	Sem 1 & Sem 2
PHYS1240	Physics by Inquiry	Sem 2
PHYS1250	Fundamental Physics	Sem 1 & Sem 2
PHYS1650	Nature of the Universe	Sem 1, Sem 2 & Summer
PHYS2055	Introduction to Relativity	Sem 2 & Summer
PHYS2150	Methods in Physics I	Sem 1
PHYS2155	Methods in Physics II	Sem 2
PHYS2160	Introductory Computational Physics	Sem 2
PHYS2250	Introductory Mechanics	Sem 1 & Sem 2
PHYS2255	Introductory Electricity and Magnetism	Sem 2
PHYS2260	Heat and Waves	No
PHYS2261	Introductory Heat and Thermodynamics	Sem 1
PHYS2265	Introductory Quantum Physics	Sem 1, Sem 2 & Summer
PHYS2650	Modern Astronomy	Sem 2

Course code (4-yr)	Course Name	Offered in 2019-2020
PHYS3150	Theoretical Physics	Sem 2
PHYS3151	Machine Learning in Physics	Sem 1
PHYS3350	Classical Mechanics	Sem 1
PHYS3351	Quantum Mechanics	Sem 1
PHYS3450	Electromagnetism	Sem 2
PHYS3550	Statistical Mechanics and Thermodynamics	Sem 2
PHYS3650	Observational Astronomy	Sem 1
PHYS3651	The Physical Universe	Sem 1
PHYS3652	Principles of Astronomy	Sem 2
PHYS3750	Laser and Spectroscopy	No
PHYS3850	Waves and Optics	Sem 1
PHYS3851	Atomic and Nuclear Physics	Sem 2
PHYS3999	Directed Studies in Physics	Sem 1, Sem 2 & Summer
PHYS4150	Computational Physics	Sem 1
PHYS4151	Data and Modelling in Physics	No
PHYS4350	Advanced Classical Mechanics	No
PHYS4351	Advanced Quantum Mechanics	Sem 2
PHYS4450	Advanced Electromagnetism	Sem 1
PHYS4550	Advanced Statistical Mechanics	No
PHYS4551	Solid State Physics	Sem 1
PHYS4650	Stellar Physics	Sem 2
PHYS4651	Selected Topics in Astrophysics	Sem 1
PHYS4652	Planetary Science	Sem 2
PHYS4653	Cosmology	No
PHYS4654	General Relativity	Sem 1
PHYS4655	Interstellar Medium	No
PHYS4850	Particle Physics	Sem 2
PHYS4966	Physics Internship	Summer
PHYS4999	Physics Project	Full year
PHYS7350	Graduate Classical Mechanics	No
PHYS7351	Graduate Quantum Mechanics	Sem 2
PHYS7450	Graduate Electromagnetism	Sem 1
PHYS7550	Graduate Statistical Mechanics	Sem 2
PHYS7750	Nanophysics	No