No	Title	Credits
ID5080	Complex Networks	12
ID5840	Quantum Integer Programming	9
ID6030	An introduction to Nanoscience and Nanotechnology	9
ID6102	Principles and techniques of Transmission Electron Microscopy	9
PH5081	Nonequilibrium Statistical Mechanics	9
PH5480	Quantum Field Theory 1	9
PH5462	Magnetism in Solids	9
PH5481	Quantum Field Theory 2	9
PH5490	Advanced Statistical Physics	9
PH5500	Dynamical Systems	9
PH5510	Theory of Atomic Collisions & Spectroscopy	9
PH5590	Microwave Physics	9
PH5600	Physics At Low Temperatures	9
PH5620	Coherent and Quantum Optics	9
PH5670	Physics & Tech. of Thin Flims	9
PH5680	Superconductivity & Its Applications	9
PH5690	Applied Magnetics	9
PH5730	Methods of Computational Physics	9
PH5810	Introduction to Softmatter Physics	9
PH5811	Advanced Particle Physics	9
PH5813	Principles of Nanophotonics	9
PH5814	Laser Physics and Applications	9
PH5815	Physical Applications of Stochastic Processes	9
PH5830	Advanced Dynamical Systems	9
PH5840	Quantum Computation and Quantum Information	9
PH5842	Advanced topics in Quantum Computation and Quantum Information	9
PH5870	Introduction to General Relativity	9
PH5875	Advanced General Relativity	9
PH5890	Ultrafast lasers and Applications	9
PH6015	Advanced Materials and Nanotechnology Lab	8