

AY2024 Graduate Curriculum timetable

S	1 8:30~10:15	2 10:25~12:10	3 13:00~14:45	4 14:55~16:40	5 16:50~18:35
Mon		35603-0096 Advanced Astroparticle Physics II Kubo·Sako·Moriyama·Uchiyama·Okumura 287	35603-0020 Nuclear Physics III Yako·H.Yamazuchi 340	35603-0011 Elementary Particle Physics II T.Hizuchi 341	35603-0075 ▲●Computational Physics Suzino·Arita 287
			35603-0094 Theory of Elementary Particles Hori 285	(#)35603-0039 Statistical Mechanics I Kawashima 279	35603-0045 (#)Chemical Physics I Takagi Online
Tue		35603-0035 Optical Properties and Spectroscopy of Solids Matsunaga·Matsuda 206	35603-0125 Astroparticle Physics Asano·Nakayama·Matsumoto 285	35603-0107 Cosmology II Kasawasaki 287	35603-0083 ■English for Scientific Researchers I(S2) Kai Martens 341
		35603-0102 ■Advanced Space Physics and Astrophysics II Nakagawa·Ouchi 207	35603-1060 Special Topics in Physics B Eva-Maria Graefe 287	35603-0117 ▲●●Computational Science for Many-Body Problems Ohkubo·Yamaji 285	
Wed		35603-0029 Semiconductors Hashisaka 340	35603-0099 Advanced Plasma Physics I Tsujii 287		35603-0074 Material Science Takagi·Kimura Online
Thu			35603-0076 Experimental Techniques in Particle and Nuclear Physics Ishino·Imai 287	35603-0081 ■ Nano Quantum Informatio Electronics I Nomura·Hirakawa	35603-0078 Advanced Optical Physics Ideguchi etc. Online
Fri	(#)35603-0091 Plasma Physics Ejiri 287			(#)35603-0051 Biophysics II Y.Okada,C.Furusawa,Arai 287	35603-0122 Introduction to Quantum Computation Onodera 285

A	1 8:30~10:15	2 10:25~12:10	3 13:00~14:45	4 14:55~16:40	5 16:50~18:35
Mon	35603-1607 Lecture on Advanced Photon Science XVI Konishi 287	(#)35603-0124 Modern physics and machine learning Ashida 285	(#)35603-0010 Elementary Particle Physics II Tanaka·Sawada 285	(#)35603-0119 Quantum Field Theory Watari 285	(#)35603-0118 Advanced Academic English for Physics Matsumura 287
					35603-0121 ■Introduction to Data Mining Mori 285
Tue		(#)35603-0019 Nuclear Physics II LIANG Haozhao 287	35603-0098 Condensed Matter Physics II Kawabata 287	35603-0038 ■Statistical Physics Oka 287	35603-0113 ★Advanced Quantum Field Theory Imamura Komaba Campus
		35603-0079 ▲●Quantum Information Physics A.Furusawa TBF			
Wed					
Thu		35603-0002 Mathematical Physics Tachikawa 279	35603-1603 Lecture on Advanced Photon Science III Ohtsuki 341		
			35603-0126 ▲●●Data Compression in Computational Science and Quantum Computing Todo·Okubo 285		
Fri	(#)35603-0073 ●Non-equilibrium Physics Ito 287	35603-0003 Fluid Mechanics Hamba 287	(#)35603-0114 Universal Biology C.Furusawa 233	(#)35603-0115 ■Gravitational-Wave Physics CANNON·Tomaru 287	

Common lectures
#:undergraduate, ▲:Grad sch of Science, ▲:Dept of Applied Physics, Grad sch of Engineer, ●:Dept of Complexity Science and Engineering, Grad sch of Frontier Sciences, ▲:Dept of Electrical Engineering and Information Systems, Grad sch of Engineer., ◎:Grad sch of Information Science and Technology, ☆:Grad sch of Arts and Sciences, ○:Dept of Advanced Materials Science, Grad sch of Frontier Sciences.
Common lectures may not be given in English.

Intensive course Information

Code and Title	Point	Teaching staff	Semester	Credit	Date
35603-1060 Special Topics in Physics B I	「Quantum mechanics with non-Hermitian Hamiltonians」	Eva-Maria Graefe Imperial College London Associate Professor	S	2	Tuesday 2nd period
35603-1252 Special Topics in Physics B VI	「Field theory of Non-relativistic bound states」	Yukinari Sumino, Tohoku University Professor	S	1	6/19(wed)2-4th period 6/20(Thu)2-4th period 6/21(Fri)2-4th period
35603-1272 Special Topics in Physics B VIII	「Theory of Quantum Information -from Physics to Information-」	Kyoto University Yoshifumi Nakata Research Associate Professor	S	1	
35603-1252 Special Topics in Physics B VII	「Physics of star formation」	Kengo Tomida, Tohoku University Associate Professor	A	1	
35603-0017 Particle Accelerators		Tadashi Koseki KEK Professor	A	2	
35603-1603 Lecture on Advanced Photon Science III		Institute for Photon Science and Technology Tomoko Ohtsuki	A	2	Thursday, 3rd period