# 2025 Timetables

## <Doctoral Program TED/PSD/Sciences Program>

#### Mechanical Engineering, Materials Science, and Ocean Engineering

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QA10014	Advanced Mechatronics Design	SATO YASUKAZU						No class in odd year
QA10021	Advanced Ultra High-speed Machining	SHINOZUKA JUN	Spring	Thu.	3			
QA10041	Advanced Turbo Machinery	MATSUI JUN	Spring	Wed.	5			
QA10061	Robotic Manipulation	MAEDA YUUSUKE						No class in odd year
QA10074	Space Propulsion Engineering, Advanced	YOSHINORI TAKAO	Fall	Wed.	3			
QA10081	Advanced Lectures on Elastoplasticity Theory	OZAKI SHINGO	Spring	Thu.	1			
QA10094	Advanced Computational Fluid Dynamics	KITAMURA KEIICHI	Fall	Thu.	4			
QA10101	Non-linear Structural Simulation	YU QIANG	Spring	Tue.	2			
QA10114	In-depth lecture on micro manipulation	FUCHIWAKI OHMI	Fall	Wed.	2			
QA10124	Special issues on mechanical system control	SANADA KAZUSHI	Fall	Fri.	3			
QA10134	Thermo-Fluid Dynamics of Combustion	ISHI KAZUHIRO						No class in odd year
QA10144	Topics on Applied fluid dynamics	HYAKUTAKE TORU						No class in odd year
QA10151	Turbulence Measurement	NISHINO KOICHI						No class in odd year
QA10161	Optical Microfabrication Engineering	MARUO SHOJI	Spring	Fri.	1			
QA10171	Advanced Combined Heat Transfer	SAKAI SEIGO						No class in odd year
QA10184	Advanced Applied Thermofluid Engineering	ARAKI TAKUTO						No class in odd year
QA10194	Advanced Cyber-Robotics	KATO RYU	Fall	Tue.	3			
QA10204	Advanced Thin Film Fabrication	HIROKI OTA						No class in odd year
QA10254	Micro and nanofabrication	INOUE FUMIHIRO						No class in odd year
QA10261	Two-phase flow phenomena	KUROSE KIZUKU	Spring	Thu.	3	S5-8	201	
QA10271	Advanced Course of Mechanical Engineering Informatics	FUJISAWA KEI	Spring	Wed.	3			
QA10284	Advanced Orbital Mechanics	TAKAO YUKI						
(S) QA11101	Advanced Study in Mechanical Engineering	Each Instructor of Mechanical Engineering	Spring	Tue.	5			
(F) QA11104	Advanced Study in Mechanical Engineering	Each Instructor of Mechanical Engineering	Fall	Tue.	5			
(S) QA11201	Teaching Practice in Mechanical Engineering	Each Instructor of Mechanical Engineering	Spring	Wed.	5			
(F) QA11204	Teaching Practice in Mechanical Engineering	Each Instructor of Mechanical	Fall	Wed.	5			
	Off-Campus Exercise in Mechanical Engineering	Engineering Each Instructor of Mechanical	Spring	Thu.	5			
	Off-Campus Exercise in Mechanical Engineering	Engineering Each Instructor of Mechanical	Fall	Thu.	5			
-	Advanced Study in Mechanical Engineering	Engineering Each Instructor of Mechanical	Spring	Fri.	5			
	Advanced Study in Mechanical Engineering  Advanced Study in Mechanical Engineering	Engineering Each Instructor of Mechanical	Fall	Fri.	5			
		Engineering Each Instructor of Mechanical	1	Intensive	9			
	Overseas Internship in Mechanical Engineering	Engineering Each Instructor of Mechanical	Spring	course Intensive	-			
(F) QA19814	Overseas Internship in Mechanical Engineering	Engineering	Fall	course	-			

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QA20011	Optical Semiconductor Technology	MUKAI KOKI						No class in odd year
QA20021	Advanced Fracture Mechanics of Materials	HASEGAWA MAKOTO						No class in odd year
QA20031	Special lecture of multi-functional composites	NAKAO WATARU	Spring	Mon.	1			
QA20044	Advanced Material Forming Process	MAENO TOMOYOSHI	Fall	Wed.	1			
QA20054	Advanced Functional Material Engineering	NAKATSUGAWA HIROSHI	Fall	Thu.	3			
QA20064	Fatigue of Metallic Materials	UMEZAWA OSAMU						No class in odd year
QA20074	Local Equilibrium Theory	HIROSAWA SHOICHI						No class in odd year
QA20084	Leading-edge Materials Engineering	NAKAO WATARU , et.al.	Fall	Thu.	4			
QA20121	Advanced thin film technology	MITSURU OHTAKE	Spring	Wed.	2			
QA20134	Microstructural Analysis of Materials	ONO NAOKO						No class in odd year
(S) QA21101	Advanced exercise in Materials Engineering	NAKAO WATARU , et.al.	Spring	Fri.	6			
(F) QA21104	Advanced exercise in Materials Engineering	NAKAO WATARU , et.al.	Fall	Fri.	6			
(S) QA21201	Teaching Practice in Materials Engineering	NAKAO WATARU , et.al.	Spring	Tue.	6			
(F) QA21204	Teaching Practice in Materials Engineering	NAKAO WATARU , et.al.	Fall	Tue.	6			
	Off-Campus Exercise in Materials Engineering	NAKAO WATARU , et.al.	Spring	Wed.	6			
	Off-Campus Exercise in Materials Engineering	NAKAO WATARU , et.al.	Fall	Wed.	6			
-	Advanced Study in Materials Engineering	NAKAO WATARU , et.al.	Spring	Thu.	6			
			<del> </del>					
	Advanced Study in Materials Engineering	NAKAO WATARU , et.al.	Fall	Thu. Intensive	6			
	International Internships in Materials Engineering	NAKAO WATARU , et.al.	Spring	course	-			
(F) QA29814	International Internships in Materials Engineering	NAKAO WATARU , et.al.	Fall	Intensive course	-			
QA30024	Structural Information System	KAWAMURA YASUMI	Fall	Tue.	6			
QA30034	Advanced Ship and Marine Structural Design Methodologies	OKADA TETSUO	Fall	Thu.	1			
QA30054	Advanced Seakeeping Qualities	HIRAKAWA YOSHIAKI	Fall	Tue.	5			
QA30061	Advanced Aircraft Aerodynamic Design	MIYAJI KOJI	Spring	Thu.	3			
QA30071	Advanced Ocean Resources and Energy Engineering	NISHI YOSHIKI	Spring	Thu.	1	S5-5	302	
QA30084	Advanced Theory in Dynamics of Floating Bodies Engineering	MURAI MOTOHIKO	Fall	Fri.	2			
QA30094	Advanced Aerospace Utilization Engineering	HIGUCHI TAKEHIRO	Fall	Wed.	4			
QA30104	Advanced Engineering Turbulence	YOUHEI TAKAGI	Fall	Thu.	2			
QA30114	Advanced Maritime Traffic Safety	ITO HIROKO , et.al.	Fall	Thu.	5			
QA30121	Advanced Engineering for Ocean Development	OTSUBO KAZUHISA	Spring	Thu.	5	S5-5	302	
QA30131	Advanced Systems Engineering Theory of Ship Design	TAIGA MITSUYUKI	Spring	Fri.	5	S5-5	301	
QA30144	Advanced Floating Body Hydrodynamics	LI QIAO	Fall	Mon.	5			
(S) QA31101	Advanced Exercises in Ocean and Space System	Each Instructor of Systems Design for Ocean-Space , et.al.	Spring	-	-			
(F) QA31104	Engineering Advanced Exercises in Ocean and Space System Engineering	Ocean-Space , et.al. Each Instructor of Systems Design for Ocean-Space , et.al.	Fall	-	-			
(S) QA31201	Advanced Study in Ocean and Space System	Each Instructor of Systems Design for Ocean-Space , et.al.	Spring	-	-			
(F) QA31204	Engineering Advanced Study in Ocean and Space System Engineering	Each Instructor of Systems Design for Ocean-Space , et.al.	Fall	-	-			
(S) QA31301	Engineering Teaching Practice in Ocean and Space System Engineering	Each Instructor of Systems Design for	Spring	-	-			
(F) QA31304	Engineering Teaching Practice in Ocean and Space System Engineering	Ocean-Space , et.al Each Instructor of Systems Design for Ocean-Space , et.al.	Fall	-	-			
(S) OA31401	Off-Campus Exercise in Ocean and Space System	Coean-Space , et.al.  Each Instructor of Systems Design for Ocean-Space , et.al.	Spring	Intensive	-			
	Engineering Off-Campus Exercise in Ocean and Space System Engineering	Each Instructor of Systems Design for	Fall	Intensive	-			
(S) QA39811	International Internship in Ocean and Space	Ocean-Space, et.al. Each Instructor of Systems Design for	Spring	Intensive	-			
(F) QA39814	System Engineering International Internship in Ocean and Space	Ocean-Space , et.al. Each Instructor of Systems Design for	Fall	course Intensive	-			
	System Engineering	Ocean-Space, et.al.	<u> </u>	course	<u> </u>		<u> </u>	1

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
(S) QA41101	Advanced exercise in Energy Materials (Mechanical Engineering and Materials Engineering) Advanced exercise in Energy Materials (Mechanical	Each Instructor of Energy Materials	Spring	Unscheduled semester	-			
(r) <b>Q</b> A41104	Engineering and Materials Engineering)	Each Instructor of Energy Materials	Fall	semester Unscheduled semester	-			
	Teaching Practice in Energy Materials (Mechanical Engineering and Materials Engineering) Teaching Practice in Energy Materials (Mechanical	Each Instructor of Energy Materials	Spring	Unscheduled semester Unscheduled	-			
(r) <b>Q</b> A41204	Engineering and Materials Engineering)	Each Instructor of Energy Materials	Fall	semester	-			
	Off-Campus Exercise in Energy Materials (Mechanical Engineering and Materials Off Campus Exercise in Energy Materials	Each Instructor of Energy Materials	Spring	Unscheduled semester	-			
(F) <b>Q</b> A41304	(Mechanical Engineering and Materials	Each Instructor of Energy Materials	Fall	Unscheduled semester	-			
	Advanced Study in Energy Materials (Mechanical Engineering and Materials Engineering) Advanced Study in Energy Materials (Mechanical	Each Instructor of Energy Materials	Spring	Unscheduled semester	-			
(r) <b>Q</b> A41404	Engineering and Materials Engineering)	Each Instructor of Energy Materials	Fall	Unscheduled semester	-			
	International Internships in Energy Materials (Mechanical Engineering and Materials International Internships in Energy Materials	Each Instructor of Energy Materials	Spring	Intensive course	-			
	International Internships in Energy Materials (Mechanical Engineering and Materials	Each Instructor of Energy Materials	Fall	Intensive course	-			

## Chemistry and Life Science

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QB10021	Catalysis engineering	INAGAKI SATOSHI						No class in odd year
QB10034	Catalyst Design	KUBOTA YOSHIHIRO						No class in odd year
QB10041	Photoresponsive Materials	UBUKATA TAKASHI						No class in odd year
QB10054	Electrochemical Devices	DOKKO KAORU	Fall	Wed.	5			
QB10061	Chemistry of Functional Polymers	OYAMA TOSHIYUKI	Spring	Tue.	2			
QB10071	Solution Theories	SAKOMURA MASARU						No class in odd year
QB10084	Advanced Course on Organic Electron-transfer Chemistry	АТОВЕ МАНІТО						No class in odd year
	Functional Structural Biology	CHOJIRO KOJIMA	Fall	Mon.	5 • 6			
QB10151	Applied Coordination Chemistry	YOSHITAKA YAMAGUCHI	Spring	Wed.	4			
			Spring	weu.	-1			N. 1
QB10161	Advanced Photophysics and Photochemistry	KIKUCHI AZUSA						No class in odd year
QB10174	Advanced Structural Life Science	KAWAMURA IZURU						No class in odd year
QB10181	Molecular design for functional materials	GOTO HIROAKI	Spring	Thu.	1			
QB10191	Advanced Synthetic Organic Chemistry	ITO SUGURU	Spring	Wed.	5			
QB10204	Advanced Solid State Chemistry	YABUUCHI NAOAKI	Fall	Fri.	2			
QB10214	Organic Ionic Conductors	KAZUHIDE UENO						No class in odd year
QB10224	Advanced Catalytic Reactions	MOTOKURA KEN	Fall	Thu.	5			
(S) QB11101	Advanced Exercise in Chemistry (PSD)	Each Instructor of Chemistry	Spring	Fri.	5			
(F) QB11104	Advanced Exercise in Chemistry (PSD)	Each Instructor of Chemistry	Fall	Fri.	5			
(S) QB11201	Teaching Practice in Chemistry (PSD)	Each Instructor of Chemistry	Spring	Intensive course	-			
(F) QB11204	Teaching Practice in Chemistry (PSD)	Each Instructor of Chemistry	Fall	Intensive	-			
(S) QB11301	Off-Campus Exercise in Chemistry (PSD)	Each Instructor of Chemistry	Spring	course Intensive	-			
	Off-Campus Exercise in Chemistry (PSD)	Each Instructor of Chemistry	Fall	course Intensive	-			
		<u> </u>		course	4			
	Advanced Study in Chemistry (PSD)	Each Instructor of Chemistry	Spring	Mon.	4			
-	Advanced Study in Chemistry (PSD)  Advanced Exercise in Chemistry (TED)	Each Instructor of Chemistry  Each Instructor of Applied Chemistry	Fall	Mon. Fri.	4			
	Advanced Exercise in Chemistry (TED)		Spring Fall	Fri.	5			
-		Each Instructor of Applied Chemistry		Intensive	5			
	Teaching Practice in Chemistry (TED)	Each Instructor of Applied Chemistry	Spring	course Intensive	-			
-	Teaching Practice in Chemistry (TED)	Each Instructor of Applied Chemistry	Fall	course Intensive	-			
(S) QB11701	Off-Campus Exercise in Chemistry (TED)	Each Instructor of Applied Chemistry	Spring	course	-			
(F) QB11704	Off-Campus Exercise in Chemistry (TED)	Each Instructor of Applied Chemistry	Fall	Intensive course	-			
(S) QB11801	Advanced Study in Chemistry (TED)	Each Instructor of Applied Chemistry	Spring	Mon.	4			
(F) QB11804	Advanced Study in Chemistry (TED)	Each Instructor of Applied Chemistry	Fall	Mon.	4			
(S) QB19811	International Internship in Chemistry (PSD)	Each Instructor of Chemistry	Spring	Intensive course	-			
(F) QB19814	International Internship in Chemistry (PSD)	Each Instructor of Chemistry	Fall	Intensive course	-			
(S) QB19821	International Internship in Chemistry (TED)	Each Instructor of Applied Chemistry	Spring	Intensive course	-			
(F) QB19824	International Internship in Chemistry (TED)	Each Instructor of Applied Chemistry	Fall	Intensive	-			
QB20014	Industrial materials and materials chemistry	OKAZAKI SHINJI	Fall	course Tue.	6			
QB20021	Electrochemical Materials	MATSUZAWA KOICHI	Spring	Unscheduled semester	-			
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QB20034	Advanced Energy Chemistry	MITSUSHIMA SHIGENORI , et.al.						No class in odd year

	Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
AREADON Managed National Perspection of the Control	QB20044	Materials for Energy Machines	TAKAHASHI KOJI						No class in odd year
QCR0011   Material Service for Reserve gaphateres   YAMANOTO TORIUM   Pail   Ft   1	QB20051	Energy Value Chain System	MUGIKURA YOSHIHIRO	Spring	Fri.	3			
Process of State of Process of	QB20061	Energy Conversion Technology	MORITA HIROSHI	Spring		-			
ADDITION   Comment   Except Supplementary   ADDITION   Spring   The	QB20074	Material Science for Energy applications	YAMAMOTO TOHRU	Fall	Fri.	1			
Post	QB20081	Environmental Energy Engineering	TAKAGAKI ATSUSHI , et.al.	Spring		-			
April   Chemical Regulation   Chemical Engineering   Chemical Regulation   Chemical Re	QB20101	Chemical Energy Engineering	AIHARA MASAHIKO	Spring	Thu.	6			
Advanced Medical Regimeering	QB20114	Separation Engineering Excerptus	NAKAMURA KAZUHO	Fall		-			
QSB2114   Clearmed Resettions in the Environment   YOSTITAKE HIDRAKE   Spring   Wed.   2   S7.5   302	QB20121	Biopolymer Engineering	TAKEDA MINORU						No class in odd year
QR20104   Advanced Devisionment   SURIFICATE AYASUNCH   Fail   Unschooleded   Secretaria   Consensation   Con	QB20134	Advanced Medical Engineering	KAZUTOSHI IIJIMA	Fall					
QRESTIFE   Advanced Engineering   SUZIKI ATSUSHIT   Pall   Unachdotabilid engineering   Suziki Atsused Engineering and Repeated to Maring for Chomical Bulleting   Suziki Atsus	QB20141	Chemical Reactions in the Environment	YOSHITAKE HIDEAKI	Spring	Wed.	2	S7-5	302	
QRE0151   Advanced Functional Materials Sciences   SANAI TOSHIMITSU   Fall   Semester	QB20154	Biology of Phenome	KURIHARA YASUYUKI	Fall		-			
QR2015  Special Lecture in Tissue Regineering and grapheness regineering and grapheness belief to grapheness bel	QB20164	Advanced Devlopmental Engineering	SUZUKI ATSUSHI	Fall		-			
QR20194 Advanced Studies of Mixing for Chemical Information of Engineering NITTAMI TADASHI Fall Visional Mixing for Chemical Information of Engineering NITTAMI TADASHI Fall Visional Engineering NITT	QB20174	Advanced Functional Materials Science	KANAI TOSHIMITSU	Fall		-			
QB20214   Recurrent Education for Engineering   NITAMI TADASHI   Fall	QB20181		FUKUDA JUNJI	Spring		-			
QE20214   Recurrent Education for Engineering   OKAZAKI SHIMI   Selection   Spring   Company   Selection   Chemistry Applications and Life Science   Chemistry Applications   Spring   Chemistry Applications   Chemistry   Chemistry   Chemistry   Chemistry   Che	QB20194		MISUMI RYUTA	Spring		-			
Advanced Seminar in Chemistry Applications and Life Science   Part   Advanced Seminar in Chemistry Applications and Life Science and Life Sc	QB20204	Advanced Biochemical Engineering	NITTAMI TADASHI	Fall	-	-			
International Life Science   Advanced Seminar in Chemistry Applications and Life Science   Advanced Study in Chemistry Applications and Life Science   Applications	QB20214	Recurrent Education for Engineering	OKAZAKI SHINJI						No class in odd year
Advanced Seminar in Chemistry Applications and Each Instructor of Each Instructor o	(S) QB21101			Spring		-			
Geolule Practice in Chemistry Applications and Life Science   Spring   Creaching Practice in Chemistry Applications and Life Science   Spring   Creaching Practice in Chemistry Applications and Life Science   Spring   Creaching Practice in Chemistry Applications and Life Science   Spring   Creaching Practice in Chemistry Applications and Life Science   Spring   Creaching Practice   Spring   C	(F) QB21104	Advanced Seminar in Chemistry Applications and	Each Instructor of Chemistry Applications	Fall	-	-			
For thing Practice in Chemistry Applications and Life Science	(S) QB21201	Teaching Practice in Chemistry Applications and	Each Instructor of Chemistry Applications	Spring	-	-			
Comparison   Com	(F) QB21204	Teaching Practice in Chemistry Applications and	Each Instructor of Chemistry Applications	Fall	-	-			
Intersections   Intersection	(S) QB21301	Off-Campus Exercise in Chemistry Applications and	Each Instructor of Chemistry Applications	Spring	Wed.	5			
Advanced Study in Chemistry Applications and Life   Each Instructor of Chemistry Applications   Spring   Advanced Study in Chemistry Applications and Life   Science		Off-Campus Exercise in Chemistry Applications and		<u> </u>					
Second   S					wed.	<u></u>			
Signar   TED   International Internship in Chemistry Applications and Life Science   Section   Spring   Intensive course   In	(F) OB21404	Science Advanced Study in Chemistry Applications and Life	and Life Science Each Instructor of Chemistry Applications		-	- -			
TED International Internship in Chemistry Applications and Life Science		TED International Internship in Chemistry	Each Instructor of Chemistry Applications	Spring		-			
QB30014 Special Lecture of Nanospace Materials IDE YUSUKE Spring Intensive course  (S) QB31101 Advanced exercise in Energy Materials (Chemistry and Life Science)  (F) QB31201 Teaching Practice in Energy Materials (Chemistry and Life Science)  (F) QB31301 (F) QB31301 (Chemistry and Life Science)  (F) QB31301 (Chemistry and Life Science)  (F) QB31301 (Off-Campus Exercise in Energy Materials (Chemistry and Life Science)  (F) QB31301 (Chemistry and Life Science)  (F) QB31301 (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 (Life Science)  (F) QB31405 (Life Science)  (F) QB31406 (Life Science)  (F) QB31406 (Life Science)  (F) QB31407 (Life Science)  (F) QB31407 (Life Science)  (F) QB31408 (Life Science)  (F) QB31	(F) QB29814	TED International Internship in Chemistry	Each Instructor of Chemistry Applications	Fall	Intensive	-			
Special Lecture of Energy Storage Materials   MANDAT TOSHIHIRO   Spring   course	-				course				No class in odd year
(S) QB31101 Advanced exercise in Energy Materials (Chemistry and Life Science)  (F) QB31104 Advanced exercise in Energy Materials (Chemistry and Life Science)  (S) QB31201 Teaching Practice in Energy Materials (Chemistry and Life Science)  (F) QB31204 Teaching Practice in Energy Materials (Chemistry and Life Science)  (F) QB31304 Off-Campus Exercise in Energy Materials (Chemistry and Life Science)  (F) QB31304 Off-Campus Exercise in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Off-Campus Exercise in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31405 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31406 Advan	QB30021	Special Lecture of Energy Storage Materials	MANDAI TOSHIHIKO	Spring					
Advanced exercise in Energy Materials (Chemistry and Life Science)  (S) QB31201 Teaching Practice in Energy Materials (Chemistry and Life Science)  (F) QB31204 Teaching Practice in Energy Materials (Chemistry and Life Science)  (S) QB31205 QB31206 Teaching Practice in Energy Materials (Chemistry and Life Science)  (S) QB31206 Teaching Practice in Energy Materials (Chemistry and Life Science)  (S) QB31301 Off-Campus Exercise in Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Chemistry and Life Science)  (Each Instructor of Energy Materials  (Each Instr	(S) QB31101		Each Instructor of Energy Materials	Spring		-			
S   QB31201   Teaching Practice in Energy Materials (Chemistry and Life Science)   Each Instructor of Energy Materials   Spring   Unscheduled semester	(F) QB31104	Advanced exercise in Energy Materials (Chemistry	Each Instructor of Energy Materials		Unscheduled	-			
and Life Science)  (F) QB31204  Teaching Practice in Energy Materials (Chemistry and Life Science)  (S) QB31301  (Off-Campus Exercise in Energy Materials (Chemistry and Life Science)  (F) QB31304  (F) QB31304  (F) QB31401  Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404  Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404  Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404  Advanced Study in Energy Materials (Chemistry and Life Science)  Each Instructor of Energy Materials  Each Instructor of Energy Materials  Spring  Spring  Unscheduled semester  Unscheduled semester  Spring  Unscheduled semester  Unscheduled semester  Unscheduled semester  Each Instructor of Energy Materials  Fall  Unscheduled semester  Unscheduled semester  Unscheduled semester  Unscheduled semester									
CF   QB31204 and Life Science   Each Instructor of Energy Materials   Fall   Semester		and Life Science)		<u> </u>	semester	<u>-</u>			
(S) QB31301 (Chemistry and Life Science)  (F) QB31304 (Chemistry and Life Science)  (Bach Instructor of Energy Materials Spring Semester  (F) QB31304 (Chemistry and Life Science)  (S) QB31401 Advanced Study in Energy Materials (Chemistry and Life Science)  (Bach Instructor of Energy Materials Spring Semester  Each Instructor of Energy Materials Spring Semester  Each Instructor of Energy Materials Spring Unscheduled semester  Each Instructor of Energy Materials Spring Spring Unscheduled semester  Each Instructor of Energy Materials Fall Unscheduled semester  Each Instructor of Energy Materials Fall Unscheduled semester  Each Instructor of Energy Materials Fall Unscheduled semester  Each Instructor of Energy Materials International Inte		and Life Science)			semester	-			
(Chemistry and Life Science)  (S) QB31401 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  (F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  Each Instructor of Energy Materials  Each Instructor of Energy Materials  Fall Semester  Unscheduled semester  International Internat	(2) Ap21201	(Chemistry and Life Science)	Each Instructor of Energy Materials	Spring	semester	-			
(F) QB31404 Advanced Study in Energy Materials (Chemistry and Life Science)  Each Instructor of Energy Materials  Each Instructor of Energy Materials  Fall Unscheduled semester  International Intern	(F) QB31304	(Chemistry and Life Science)	Each Instructor of Energy Materials	Fall	semester	-			
and Life Science)  Each Instructor of Energy Materials  International Internships in Energy Materials  International Internships in Energy Materials  International Internships in Energy Materials	(S) QB31401	and Life Science)	Each Instructor of Energy Materials	Spring		-			
International Internships in Energy Materials Intensive	(F) QB31404		Each Instructor of Energy Materials	Fall		-			
(S) QB39811 International Internships in Energy Materials (Chemistry and Life Science) Each Instructor of Energy Materials Spring course -	(S) QB39811	International Internships in Energy Materials (Chemistry and Life Science)	Each Instructor of Energy Materials	Spring	Intensive course	-			
(F) QB39814 International Internships in Energy Materials (Chemistry and Life Science) Each Instructor of Energy Materials Fall course		International Internships in Energy Materials	Each Instructor of Energy Materials	Fall	Intensive	-			

# Mathematics, Physics, Electrical Engineering and Computer Science

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Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QC11101	Advanced Seminar in Mathematical Sciences A	KAJIWARA TAKESHI , et.al.	Spring	Unscheduled semester	-			
QC11204	Advanced Seminar in Mathematical Sciences B	KAJIWARA TAKESHI , et.al.	Fall	Unscheduled semester	-			
QC11301	Advanced Seminar in Mathematical Sciences C	KAJIWARA TAKESHI , et.al.	Spring	Unscheduled semester	-			
QC11404	Advanced Seminar in Mathematical Sciences D	KAJIWARA TAKESHI , et.al.	Fall	Unscheduled semester	-			
(S) QC11501	Advanced Exercises in Mathematical Sciences	KAJIWARA TAKESHI , et.al.	Spring	Unscheduled semester	-			
(F) QC11504	Advanced Exercises in Mathematical Sciences	KAJIWARA TAKESHI , et.al.	Fall	Unscheduled semester	-			
(S) QC11601	Advanced Training in Mathematical Sciences	KAJIWARA TAKESHI , et.al.	Spring	Intensive course	-			
(F) QC11604	Advanced Training in Mathematical Sciences	KAJIWARA TAKESHI , et.al.	Fall	Intensive	-			
QC20014	Nanoscale Materials Design	HANNES RAEBIGER , et.al.	Fall	course -	-			
WC20034	Condensed Matter Theory of Nano and Microscopic Systems	SHIRASAKI RYOEN	Fall	-	-			
QC20041	Advanced low temperature physics	SHIMAZU YOSHIHIRO	Spring	Intensive course	-			
QC20064	Advanced Magnetics	ICHIYANAGI YUKO	Fall	-	-			
QC20084	Advanced Physics of Novel Materials	UEHARA MASATOMO	Fall	-	-			
QC20094	Advanced Quantum Information Physics	KOSAKA HIDEO , et.al.	Fall	Fri.	1			
QC20101	Advanced Ultrafast Optics	TAHARA HIROKAZU	Spring	-	-			
QC20121	Advanced Terahertz Science	KATAYAMA IKUFUMI	Spring	-	-			
QC20131	Advanced Semiconductor Physics	SEKIYA TAKAO	Spring	-	-			
QC20141	Topics in Material Science at the Nanoscale	SHUDO KENICHI	Spring	Mon.	1			
QC20151	Advanced Experimental Methods in Surface Science	OHNO SHINYA	Spring	-	-			
QC20164	Advanced High Energy Cosmic Ray Astrophysics	KATAYOSE YUSAKU	Fall	Fri.	3			
QC20181	Advanced Neutrino Physics	MINAMINO AKIHIRO	Spring	-	-			
QC20224	Advanced Atomic and Optical Physics	AKAMATSU DAISUKE , et.al.	Fall	Mon.	1			
QC20234	Advanced Particle Physics	SATO JOE	Fall	Wed.	1			
QC20244	Advanced Theory of Light-Matter Interaction	ВАМВА МОТОАКІ	Fall	Wed.	4			
QC20254	Advanced particle astrophysics	HIROSHIMA NAGISA	Fall	Intensive course	-			
	Advanced Exercise in Physics	Each Instructor of Physics	Spring	Thu.	6			
(F) QC21104	Advanced Exercise in Physics	Each Instructor of Physics	Fall	Thu.	6			
QC21201	Advanced Seminor in Physics, A	Each Instructor of Physics	Spring	-	-			
-	Advanced Seminor in Physics, B	Each Instructor of Physics	Fall	-	-			
	Teaching Practice in Physics	Each Instructor of Physics	Spring	-	-			
(F) QC21404	Teaching Practice in Physics	Each Instructor of Physics	Fall	- Interview	-			
(S) QC21501	Off-Campus Exercise in Physics	Each Instructor of Physics	Spring	Intensive course	-			
(F) QC21504	Off-Campus Exercise in Physics	Each Instructor of Physics	Fall	Intensive course	-			
(S) QC21601	Advanced Study in Physics	Each Instructor of Physics	Spring	Mon.	3			
(F) QC21604	Advanced Study in Physics	Each Instructor of Physics	Fall	Mon.	3			

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QC30011	Advanced Medical Engineering and Informatics	HAMAGAMI TOMOKI , et.al.	Spring	Wed.	5			
QC30041	Advanced Theory of Systems, Control and Information	FUJIMOTO YASUTAKA	Spring	Fri.	2			
QC30054	Advanced Digital Circuit Theory	ICHIGE KOICHI						No class in odd year
QC30064	Advanced Data Storage	TAKEMURA YASUSHI	Fall	Thu.	4			
QC30071	Advanced Microwave Engineering	KUGA NOBUHIRO	Spring	Thu.	3			
QC30094	Advanced Mechatronics	SHIMONO TOMOYUKI	Fall	Mon.	2			
QC30104	Advanced Quantum Optoelectronics	BABA TOSHIHIKO	Fall	Fri.	4			
QC30114	Advanced Integrated Nanodevices	OYA TAKAHIDE	Fall	Fri.	2			
QC30131	Advanced Intelligent Systems	HAMAGAMI TOMOKI						No class in odd year
QC30141	Advanced Superconductivity Electronics	YOSHIKAWA NOBUYUKI	Spring	Wed.	3			
QC30164	Advanced Technology in Power System Protection and Control	TSUJI TAKAO	Fall	Tue.	4			
QC30194	Seminar in Quantum Effect Devices	ARAKAWA TARO	Fall	Tue.	4			
QC30201	Advanced Integrated Quantum Devices	YAMANASHI YUKI	Spring	Mon.	2			
QC30221	Advanced in Nanophotonics	NISHIJIMA YOSHIAKI	Spring	-	-			
QC30231	Colloquium in Applied Physics III-1S	Each Instructor of Applied Physics	Spring	Unscheduled semester	-			
QC30241	Colloquium in Applied Physics III-2S	Each Instructor of Applied Physics	Spring	Unscheduled semester	-			
QC30251	Colloquium in Applied Physics III-3S	Each Instructor of Applied Physics	Spring	Unscheduled semester	-			
QC30264	Colloquium in Applied Physics III-1F	Each Instructor of Applied Physics	Fall	-	-			
QC30274	Colloquium in Applied Physics III-2F	Each Instructor of Applied Physics	Fall	-	-			
QC30284	Colloquium in Applied Physics III-3F	Each Instructor of Applied Physics	Fall	-	-			
QC30291	Colloquium in Information Systems III-1S	Each Instructor fo Information Systems	Spring	Unscheduled semester	-			
QC30301	Colloquium in Information Systems III-2S	Each Instructor fo Information Systems	Spring	Unscheduled semester	-			
QC30311	Colloquium in Information Systems III-3S	Each Instructor fo Information Systems	Spring	Unscheduled semester	-			
QC30324	Colloquium in Information Systems III-1F	Each Instructor fo Information Systems	Fall	-	-			
QC30334	Colloquium in Information Systems III-2F	Each Instructor fo Information Systems	Fall	-	-			
QC30344	Colloquium in Information Systems III-3F	Each Instructor fo Information Systems	Fall	-	-			
QC30351	Colloquium in Electrical and Computer Engineering III-1S	Each Instructor of Electrical and Computer Engineering	Spring	Unscheduled semester	-			
QC30361	Colloquium in Electrical and Computer Engineering III-2S	Each Instructor of Electrical and Computer Engineering	Spring	Unscheduled semester	-			
QC30371	Colloquium in Electrical and Computer Engineering III-3S	Each Instructor of Electrical and Computer Engineering	Spring	Unscheduled semester	-			
QC30384	Colloquium in Electrical and Computer Engineering III-1F	Each Instructor of Electrical and Computer Engineering	Fall	-	-			
QC30394	Colloquium in Electrical and Computer Engineering III-2F	Each Instructor of Electrical and Computer Engineering	Fall	-	-			
QC30404	Colloquium in Electrical and Computer Engineering III-3F	Each Instructor of Electrical and Computer Engineering	Fall	-	-			

Schedule code	Course name	Instructor	Semester	Day of the week	Class period	Bldg.	Room	Remarks
QC30544	Advanced Semiconductor Power Conversion Systems	OBARA HIDEMINE						
QC30414	Advanced Spintronics	SEKIGUCHI KOJI	Fall	Intensive course	-			
QC30421	Advanced Human Sensing Engineering	SUGIMOTO CHIKA						No class in odd year
QC30431	Advanced Electrical-Mechanical Energy Conversion	AKATSU KAN						No class in odd year
QC30444	Evolutionary Intelligence	NAKATA MASAYA						No class in odd year
QC30451	Advanced Wireless Communications	ISHIKAWA NAOKI	Spring	Tue.	2			
QC30461	Advanced Multimodal Social Signal Processing	OTSUKA KAZUHIRO	Spring	Tue.	3			
QC30471	Advanced Sensing Photonics	YOSUKE MIZUNO	Spring	Thu.	2			
QC31104	Exercise in Applied Physics	Each Instructor of Applied Physics	Fall	-	-			
QC31204	Teaching Practice in Applied Physics	Each Instructor of Applied Physics	Fall	-	-			
QC31304	Off-Campus Exercise in Applied Physics	Each Instructor of Applied Physics	Fall	Intensive course	-			
QC31404	Advanced Study in Applied Physics	Each Instructor of Applied Physics	Fall	-	-			
(S) QC31501	Advanced Excercise in Applied Physics III-1	Each Instructor of Applied Physics	Spring	Unscheduled semester	-			
(F) QC31504	Advanced Excercise in Applied Physics III-1	Each Instructor of Applied Physics	Fall	Unscheduled semester	-			
QC31604	Exercise in Information Systems	Each Instructor fo Information Systems	Fall	-	-			
QC31704	Teaching Practice in Information Systems	Each Instructor fo Information Systems	Fall	-	-			
QC31804	Off-Campus Exercise in Information Systems	Each Instructor fo Information Systems	Fall	Intensive course	-			
QC31904	Advanced Study in Information Systems	Each Instructor fo Information Systems	Fall	-	-			
(S) QC32001	Advanced Excercise in Information Systems III-1	Each Instructor fo Information Systems	Spring	Unscheduled semester	-			
(F) QC32004	Advanced Excercise in Information Systems III-1	Each Instructor fo Information Systems	Fall	Unscheduled semester	-			
QC32104		Each Instructor of Electrical and Computer Engineering	Fall	-	-			
QC32204	=	Each Instructor of Electrical and Computer Engineering	Fall	-	-			
QC32304	=	Each Instructor of Electrical and Computer Engineering	Fall	Intensive course	-			
QC32404	-	Each Instructor of Electrical and Computer Engineering	Fall	-	-			
(S) QC32501	Advanced Excercise in Electrical and Computer Engineering III-1	Each Instructor of Electrical and Computer Engineering	Spring	Unscheduled	-			
(F) QC32504	Advanced Excercise in Electrical and Computer	Each Instructor of Electrical and Computer	Fall	Unscheduled	-			
(S) QC39811		Engineering  Each Instructor of Applied Physics	Spring	Semester Intensive	-			
(F) QC39814	TED International Internships in Applied Physics	Each Instructor of Applied Physics	Fall	course Intensive	-			
(S) QC39821	TED International Internships in Information	Each Instructor fo Information Systems	Spring	Intensive	-			
(F) QC39824	TED International Internships in Information	Each Instructor fo Information Systems	Fall	course Intensive	-			
(S) QC39831	Systems International Internships in Electrical and Computer	Each Instructor of Electrical and Computer	Spring	course Intensive	-			
(F) QC39834	International Internships in Electrical and Computer	Engineering Each Instructor of Electrical and Computer	Fall	course Intensive	-			
(F) QC59654	Engineering	Engineering	ran	course				