

\*EXTRACT for reference for international graduate students

# 令和 6 年度 時 間 割 表

(大学院博士後期課程・令和 4 年度以降入学者用)

2024 Class Timetable  
Doctoral students enrolling AFTER 2022

授業科目・時間割・講義室等の変更は、掲示等で連絡します。

最新の情報については、必ず掲示、大学ホームページ（授業インフォメーション）等を確認してください。

Changes of subject, timetable, lecture room etc. are announced at bulletin board etc.

Be sure to check the notice on bulletin board and on website of university for LATEST information.

# ■ About Timetable for Graduate Students ■

## 1. Period

Period	Time	Period	Time
1	8:50am – 10:20am (9:35am)	4	2:40pm – 4:10pm (3:25pm)
2	10:30am – 12:00pm (11:15am)	5	4:20pm – 5:50pm (5:05pm)
3	1:00pm – 2:30pm (1:45pm)		

## 2. Mark

Subjects with **(IS)**: Special Subjects for International Students  
 Subjects with **(TM)**: Subjects for Team-Based Multi-Disciplinary Integrated Global Leader Training Course students  
 Subjects with **(SDG)**: Subjects for SDG Professional Course students  
 Subjects with **(CPD)**: Subjects for International Graduate Course for Continuing Professional Development students  
 Subject with **(DDP)**: Subjects for Double Degree Program students  
 Subject with (3): Subjects offered in the third term  
 Staff marked with \* : part-time staff

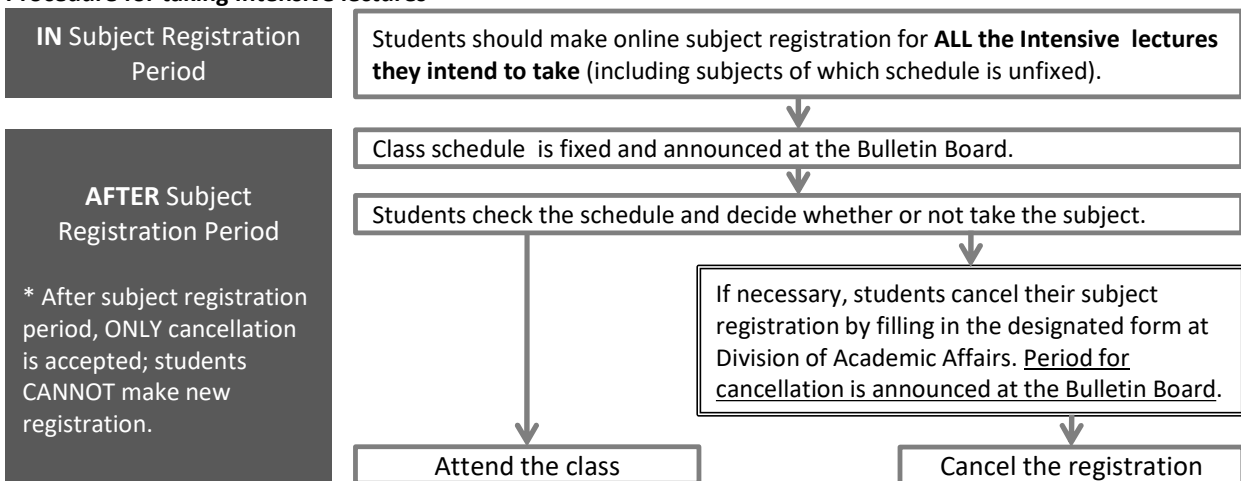
## 3. Room Location etc. \* LR: abbreviation of Lecture Room for Graduate Students, SR: abbreviation of Seminar Room CR: abbreviation of Computer Room

<b>ME LR</b>	3rd floor, Faculty Bldg. 1 (Mechanical Eng. & Civil Eng.)	<b>B LR</b>	2nd floor, Faculty Bldg. (Bioeng.)
<b>ME Room No.</b>	Room in Faculty Bldg. (Mechanical Eng.)	<b>N LR</b>	3rd floor, Faculty Bldg. (Nuclear System Safety Eng.)
<b>Elec. LR</b>	2nd floor, Faculty Bldg. 1 (Elec. Eng.)	<b>IPC</b>	Information Processing Center
<b>Elec. CR (234)</b>	2nd floor, Faculty Bldg. 3 (Elec. Eng.)	<b>MSC</b>	Center for Multimedia System
<b>MS LR</b>	2nd floor, Faculty Bldg. 1 (Materials Science)	<b>STI SR</b>	SR for Science and Technology Innovation, 2nd floor, Faculty Bldg. (Nuclear System Safety Eng.)
<b>C LR</b>	Room 715 on 7th floor, Faculty Bldg. 1 (Mech. & Civil Eng.)	<b>B SR</b>	SR for Bioengineering, 4 floor, Faculty Bldg. (Bioeng.)
<b>Env. LR</b>	1st/2nd floor, Faculty Bldg. (Env. Eng.)		

## 4. "Intensive lectures etc." Column

Subjects listed in the column "Intensive lectures etc." include;  
 (1) Intensive lectures offered irregularly in designated period  
 (2) Subjects offered by each major (e.g. seminar, advanced experiments, compulsory subjects in Doctoral Program)  
 (3) Subjects for Graduate School Special Courses  
 Schedule for Intensive lectures is notified at Bulletin Board when fixed.

## 5. Procedure for taking Intensive lectures



Intensive lectures might be offered on the schedule same as that of other subjects. In case of having a schedule conflict, students can attend either of the classes. It is therefore recommended that they plan to obtain the required credits for completion WITHOUT taking Intensive lecture subjects.

## 6. Subjects divided by dotted lines and solid lines in the same period

Subjects divided by dotted lines cannot be taken together in the same term.  
 Subjects divided by solid lines in the same period can be taken in the same term as one subject is offered in the first half period of the term and the other subject is offered in the latter half period.

Doctoral Program (1st Term)						
	Energy Engineering	Information Science and Control Engineering	Materials Science	Civil Engineering and Bioengineering		
Mon.	1st Period	イオンビーム工学特論 Advanced Ion Beam Engineering Takahashi(Kazumasa)	精密加工工学特論 Advanced Precision Machining Isobe			
	2nd Period	パワーエレクトロニクス・メカトロニクス工学特論 Advanced Engineering for Power Electronics and Mechatronics Ohishi, Miura, Miyazaki & Yokokura				
	3rd Period	高エネルギー密度プラズマ物性工学特論 Advanced Engineering for High Energy Density Plasma Sasaki(Tor)	信号画像処理特論 Advanced Signal and Image Processing Endo & Sugita			
	4th Period	プラズマ・核融合工学特論 Advanced Engineering for Plasma and Nuclear Fusion Kikuchi		計算材料科学特論 Advanced materials informatics Yamashita(To)	環境微生物工学特論 Advanced Course of Microbiology for Environmental Engineering Hatamoto	
	5th Period					
Tue.	1st Period	生体材料工学特論 Advanced Biomaterials and Bioengineering Tagaya				
	2nd Period					
	3rd Period			応用非破壊材料評価特論 Advanced Course of Nondestructive Materials Characterization Ihara	生体分子運動工学特論 Biological systems in molecular mobility Fujiwara	
	4th Period					
	5th Period				応用地盤解析学特論 Applied numerical methods for geotechnical engineering Ohtsuka(S) & Fukumoto	
Wed.	1st Period	環境発電セラミック材料工学特論 Advanced Ceramic Engineering for Energy Harvesting Honma(Tsu)	計算機工学特論 Advanced Computer Science Yukawa	精密分子設計特論Ⅰ Advanced Course of Precise Molecular Design 1 Takerakka 精密分子設計特論Ⅱ Advanced Course of Precise Molecular Design 2 Maekawa 環境・地球材料工学特論 Advanced Engineering on Functional inorganic Ishibashi & Nishikawa	生体材料応用工学特論 Advanced Course of Biomaterial Engineering Kuwabara	
	2nd Period		フィードフォワード制御特論 Feedforward Control Theory Miyoshi		複合材料・構造学特論 Advanced Hybrid Materials and Structures Shimomura & Fukumoto	
	3rd Period					
	4th Period					
	5th Period				災害軽減・復興システム学特論 Advanced Course of Disaster Management Ikeda & Matsuda(Y)	
Thu.	1st Period		カオス・フラクタル情報数理工学特論 Advanced Course of Chaos and Fractals Informatics Nambu		水圏工学特論 Advanced Hydrospheric Engineering Lu, Hosoyamada, Kumakura & Inukai	
	2nd Period		機械・環境系設計工学特論 Advanced Machine-Environment Design Engineering Abe(M)	社会情報学特論 Advanced Social Informatics Hayama & Nishiyama	機能材料工学特論 Advanced Course for Functional Materials Science Takahashi(Y) & Matsubara	
	3rd Period		脳・生体情報工学特論 Neuroimaging and Biosignal Processing Nambu		持続可能環境材料工学特論 Advanced Engineering for Sustainable Environmental Materials Takahashi(Y)	
	4th Period			ものづくりDXシステム特論 Advanced Manufacturing DX System Nakayama		
	5th Period				防災安全・災害復興学特論 Advanced Lecture on Disaster Control and Revitalization Kaminura(S)	
Fri.	1st Period	電気化学エネルギー工学特論 Advanced Engineering for Electrochemical Energy Shironita	非線形システム設計特論 Nonlinear System Design Tsubone			
	2nd Period				野生動物管理工学特論 Advanced Course of Engineering for Wildlife Management Yamamoto(M)	
	3rd Period		超精密計測工学特論 Advanced Super-precision Instrumentation Aketagawa		植物遺伝子工学特論 Advanced Course of Plant Genetic Engineering Nishimura	
	4th Period		生体医工学特論 Advanced Biomedical Engineering Nomura, Akimoto, Doi & Ohashi	先端材料創製工学特論 Creation of Advanced Materials Nanko	幹細胞工学特論 Advanced Stem cell Technology Ohnuma	
	5th Period					

\* Schedule for intensive lectures etc. is set separately.

	Energy Engineering	Information Science and Control Engineering	Materials Science	Civil Engineering and Bioengineering
Intensive lectures etc.	エネルギー工学特論Ⅰ Energy Science 1 Staff	応用核化学 Applied Nuclear Chemistry Suzuki(Ta) Staff	情報・制御工学特論Ⅰ Information Science and Control Engineering 1 Staff	材料工学特論Ⅰ Materials Science 1 Staff
	環境放射能特論 Advanced Environmental Radioactivity Ohta(T)			社会環境・生物機能工学特論Ⅰ Civil, Environmental, and Biological Engineering 1 Staff
	研究者倫理 Researcher Ethics Staff	(TM)異分野融合型 インタラクティブディスカッション Global Leader Interactive Discussion Staff	(TM)異分野融合型 リサーチインターンシップ Global Leader Research Internship Staff	(TM)グローバル教育研究指導演習 Practice in Multi-Disciplinary Integrated Education and Research Leadership Staff

Doctoral Program (2nd Term)						
		Energy Engineering	Information Science and Control Engineering	Materials Science	Civil Engineering and Bioengineering	
Mon.	1st Period			結晶工学特論 Advanced Course for Crystal Engineering Aida		
	2nd Period		システム制御工学特論 Advanced Topics in Control Systems Engineering Kimura (T)	無機構造材料工学特論 Advanced Course of Inorganic Structural Materials Science Uchida, Saitoh(H) & Tanaka(S)	都市交通計画学特論 Advanced Urban Transportation Planning Sano	
	3rd Period			有機固体化学特論 Advanced Organic Solid State Chemistry Imakubo		
	4th Period				環境応用生化学特論 Advanced Course of Environmental and Applied Biochemistry Takahashi(S)	
	5th Period	エネルギー変換・制御工学特論 Advanced Engineering for Energy Conversion and Control Itoh(N), Haga, Kobayashi(Y) & Hidaka	有限要素解析特論 Advanced Finite Element Analysis Kurahashi			
Tue.	1st Period				国土総合計画学特論 Advanced Urban and Regional Planning Matsukawa	
	2nd Period		情報回路工学特論 Advanced Information Circuit Engineering Iwahashi & Harakawa	データマネジメント特論 Advanced Data Management Zhang(K)	材料物性学特論 Advanced Physical Characteristics of Materials Ito(H)	レーザー加工学特論 Advanced Laser Processing Mizoshiri
	3rd Period			破壊予測工学特論 Advanced Course for Fracture Control Miyashita(Y)	構造安全設計特論 System Design for Structural Safety Otsuka(Y)	神経機能制御学 Molecular Neuroengineering Shimoda
	4th Period					
	5th Period					
Wed.	1st Period	流体エネルギー工学特論 Advanced Engineering for Fluid Energy Takahashi(T) & Yamazaki(W)			鋼構造学特論 Advanced Steel Structural Engineering Iwasaki	
	2nd Period	熱エネルギー工学特論 Advanced Thermal Energy Engineering Yamada(N) & Suzuki(M)	非線形光学特論 Advanced Nonlinear Optics Tanaka(K), Kato(A) & Unuma	電磁波・光波制御工学特論 Advanced Control Engineering for Electromagnetic and Optical Waves Ono, Tamayama, Sasaki(Tom) & Sakamoto		
	3rd Period					
	4th Period					
	5th Period					
Thu.	1st Period		機械要素設計工学特論 Advanced Design of Machine Elements Ohta	エレクトロセラミックス工学特論 Advanced Electroceramics Okamoto	地盤工学特論 Advanced Geotechnical Engineering Toyota	糖鎖生命工学特論 Advanced Course of Glycobiology and Glycotechnology Sato(T)
	2nd Period	エネルギー変換材料工学特論 Advanced Course on Energy Conversion Materials Science and Takeda	ネットワークシステム特論 Advanced Network Systems Watabe	分子ロボット工学特論 Advanced Molecular Robotics Shoji	遺伝子工学特論 Genetic Engineering - Advanced Course Kasai	
	3rd Period		人間・社会・産業情報学特論 Informatics for Human Society and Industry Watahiki, Suzuki(N), Nakahira &	光デバイス工学特論 Advanced Optical Device Engineering Kimura(M)	イオンチャンネルと興奮膜 Ion channels and excitable membrane Takimoto	
	4th Period					
	5th Period					
Fri.	1st Period	脱炭素システム特論 Advanced Decarbonization System Li		有機機能材料工学特論 Advanced Organic Functional Materials Science Kawahara	環境システム工学特論 Advanced Environmental Engineering Komatsu(T), Yamaguchi, Himeno,	
	2nd Period				地球環境計測工学特論 Advanced Engineering for Global Environmental Measurement Takahashi(K)	
	3rd Period				材料寿命評価 Advanced Estimation of Materials: Life-time or Breakdown Mechanism Takahashi(O)	植物統合工学特論 Integrated Plant Biotechnology Takahara
	4th Period					
	5th Period	超電導材料工学特論 Advanced Superconducting Material Engineering Suematsu				微生物機能利用工学特論 Advanced Course of Applied Microbial Technology Masai

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Intensive lectures etc.	エネルギー工学特論 II Energy Science 2 Staff	情報・制御工学特論 II Information Science and Control Engineering 2 Staff	材料工学特論 II Materials Science 2 Staff	社会環境・生物機能工学特論 II Civil, Environmental, and Biological Engineering 2 Staff
	研究者倫理 Researcher Ethics Staff	(TM)異分野融合型 インタラクティブディスカッション Global Leader Interactive Discussion Staff	(TM)異分野融合型 リサーチインターンシップ Global Leader Research Internship Staff	(TM)グローバル教育研究指導演習 Practice in Multi-Disciplinary Integrated Education and Research Leadership Staff
	(SDG・CPD) Interdisciplinary Joint Project Study Iwahashi & Others			