




科目受講に関する案内（国際交流学生）  
Fall 2025 – Spring 2026

\* English follows Japanese.

1. Web Syllabus: <a href="https://www.syllabus.kit.ac.jp">https://www.syllabus.kit.ac.jp</a> (学内専用)		4. Class Information: <a href="https://portal.student.kit.ac.jp/ead/?c=lecture_information">https://portal.student.kit.ac.jp/ead/?c=lecture_information</a> (学内専用)	
2. Course Registration: <a href="https://portal.student.kit.ac.jp/ead/?c=enroll_announce">https://portal.student.kit.ac.jp/ead/?c=enroll_announce</a> (学内専用)		5. Class Cancellation: <a href="https://portal.student.kit.ac.jp/ead/?c=lecture_cancellation">https://portal.student.kit.ac.jp/ead/?c=lecture_cancellation</a> (学内専用)	
3. Class Schedule Table: <a href="https://portal.student.kit.ac.jp/ead/?c=class_schedule">https://portal.student.kit.ac.jp/ead/?c=class_schedule</a> (学内専用)		6. Academic Calendar: <a href="https://www.gakumu.kit.ac.jp/ead/ead_portal/?c=year_schedule">https://www.gakumu.kit.ac.jp/ead/ead_portal/?c=year_schedule</a> (学内専用)	

○大学院博士前期課程開講科目（別添科目リスト参照）

- ・本学博士前期課程向けの科目ですが、学部生レベルの国際交流学生も受講可能です。
  - ・講義言語・資料言語の違いにより、以下の3種類の形態があります。
    1. 英語を講義・資料言語とする科目
    2. 日本語を主たる講義・資料言語とし必要に応じて英語によるサポートが行われる科目
    3. 日本語のみを講義・資料言語とする科目
  - ・各科目の使用言語は、「Language of Instruction」欄の a～c の表示を参考にしてください。リストに掲載されていない科目は受講不可です。
    - a: すべて英語で実施
    - b: 日本語と英語併用で実施（例：資料は英語、説明は日本語で行う。）
    - c: 英語による個別対応を実施
  - ・「Exchange Students」欄に「△」が表示されている科目は、履修前に担当教員の許可が必要です。初回授業の前後に直接講義室を訪問するか、メールで依頼してください。
    - ★担当教員のメールアドレスは[こちら](#)をクリックするか、右側の QR コードからアクセスして確認してください(学内専用リンクのため、学内 Wi-Fi につないで閲覧してください)。
    - ★非常勤講師のメールアドレスは公開されていません。連絡を取りたい場合は、以下の担当宛に問い合わせ内容をメールで送ってください。担当部署から講師に転送されます。
- 学務課大学院教務係：edu-1@kit.ac.jp



○大学院博士後期課程開講科目（別添科目リストには不掲載）

- ・全ての科目について履修前に担当教員の許可が必要です。担当教員にメールで連絡してください。担当教員のメールアドレスの確認方法は上記の★のとおり。

○学部開講科目（別添科目リストには不掲載）

- ・全ての科目が日本語のみを講義・資料言語として開講され、英語でのサポートはありません。
- ・受講に必要な日本語能力を有するなら、授業形態が「講義」の科目はほぼ全て履修可能です。
- ・授業形態が「演習」または「実験」の科目は履修前に担当教員の許可が必要です。初回授業の前後に直接講義室を訪問するか、メールで依頼してください。
  - 担当教員のメールアドレスは[こちら](#)をクリックするか、右側の QR コードからアクセスして確認してください（学内専用リンクのため、学内 Wi-Fi につないで閲覧してください）。



- 非常勤講師のメールアドレスは公開されていません。連絡を取りたい場合は、以下の担当宛に問い合わせ内容をメールで送ってください。担当部署から講師に転送されます。
- 学務課学部教務係：edu-2@kit.ac.jp







<注>

- ・本資料に掲載中の各科目情報は、2025 年秋学期～2026 年春学期の開講・履修者受入状況を反映したものであり、**次年度以降も同様に実施されるとは限りません。**
- ・「Exchange students \*5」欄に◎印や○印が付いている科目であっても、英語によるサポート方法は科目によって異なります。「Language of Instruction\*4」欄の「a/b/c」区分を確認のうえ、受講するかどうかを決定してください。
- ・**科目を受講し、単位を得るためには、受講登録が必要です。**指定された受講登録期間中に上記「2. Course Registration」のリンク先にアクセスし、受講登録してください。また、「確認修正期間」中に再度同リンク先にアクセスし、誤りなく受講登録されているかを確認してください。
- ・上記の Web リンク先のうち、1.と 6.以外の Web サイトは学内専用サイトですので、本学学生以外は閲覧できません。


## Course Enrollment Information for International Exchange Students

### Fall 2025 – Spring 2026

\* 日本語は前のページを参照のこと

1. Web Syllabus: <a href="https://www.syllabus.kit.ac.jp">https://www.syllabus.kit.ac.jp</a> (For internal use within KIT only)		4. Class Information: <a href="https://portal.student.kit.ac.jp/ead/?c=lecture_information">https://portal.student.kit.ac.jp/ead/?c=lecture_information</a> (For internal use within KIT only)	
2. Course Registration: <a href="https://portal.student.kit.ac.jp/ead/?c=enroll_announce">https://portal.student.kit.ac.jp/ead/?c=enroll_announce</a> (For internal use within KIT only)		5. Class Cancellation: <a href="https://portal.student.kit.ac.jp/ead/?c=lecture_cancellation">https://portal.student.kit.ac.jp/ead/?c=lecture_cancellation</a> (For internal use within KIT only)	
3. Class Schedule Table: <a href="https://portal.student.kit.ac.jp/ead/?c=class_schedule">https://portal.student.kit.ac.jp/ead/?c=class_schedule</a> (For internal use within KIT only)		6. Academic Calendar: <a href="https://www.gakumu.kit.ac.jp/ead/ead_portal/?c=year_schedule">https://www.gakumu.kit.ac.jp/ead/ead_portal/?c=year_schedule</a> (For internal use within KIT only)	


### **Master's Courses (See attached list)**

- These courses are designed for students in our Master's program, but undergraduate-level international exchange students are also eligible to enroll.
  - There are three types of courses:
    1. Courses conducted in English, with all lectures and materials provided in English;
    2. Courses conducted primarily in Japanese, with English support provided as needed;
    3. Courses conducted entirely in Japanese, including both lectures and materials.
  - The language used in each course is indicated by a–c in the “Language of Instruction” column of the attached list of recommended courses. The courses not in this list cannot be taken.
    - a: This course will be conducted in English.
    - b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)
    - c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)
  - Courses marked with a “△” in the “Exchange Students” column require instructor permission before enrollment. Please request permission either by visiting the lecture room before or after the first class, or by email.
    - ★Instructor email addresses: Click [here](#) or scan the QR code on the right to find them. (This is an internal link, so please connect to the KIT on-campus Wi-Fi to access it.)
    - ★Please note that email addresses for part-time instructors are not available. If you wish to contact a part-time instructor, please send your inquiry to the office below, and it will be forwarded accordingly.
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- Graduate Registrar, Educational Affairs Office: [edu-1@kit.ac.jp](mailto:edu-1@kit.ac.jp)

### **Doctoral Courses (Not included in the attached course list)**

- All courses require permission from the instructor before enrollment. Be sure to contact the instructor by e-mail. You can obtain the e-mail address of the course instructor as indicated above (see ★ above).

### **Undergraduate Courses (Not included in the attached course list)**

- All undergraduate courses are conducted entirely in Japanese, including both lectures and course materials. No English support is available.
  - If you have sufficient Japanese language ability, you can take almost any of the "lecture" courses.
  - "Practicum" and "Laboratory" courses require permission from the instructor prior to enrollment. Please request permission either by visiting the lecture room before or after the first class, or by email.
    - Instructor email addresses: Click [here](#) or scan the QR code on the right to find them. (This is an internal link, so please connect to the KIT on-campus Wi-Fi to access it.)
    - Please note that email addresses for part-time instructors are not available. If you wish to contact
- 

a part-time instructor, please send your inquiry to the office below, and it will be forwarded accordingly.

Undergraduate Registrar, Educational Affairs Office: [edu-2@kit.ac.jp](mailto:edu-2@kit.ac.jp)

- The following explanation describes fall 2025 through spring 2026 semester course offerings as they relate to enrollment status:

**We do NOT guarantee that the same courses will be offered in subsequent academic years.**

- Be aware that even for courses indicated with © or ○ in "Exchange Student Column \*5", **the method of English language support varies from course to course. Refer to the 'a/b/c' category in the 'Language of Instruction\* 4' column before deciding whether or not to attend.**

- Course registration is required in order to attend courses and receive credits. During the designated course registration period, access the '2. Course Registration' link above and register for the course. During the 'Confirmation and Correction Period,' access the same link again (mandatory) to check that your registration has been correctly accepted.

- Note that only the syllabus web link above is public. Other websites are restricted to internal university access and cannot be viewed by non-KIT students.

**International Graduate Program for Interdisciplinary Study in Science and Technology**  
Master's Programs

**(1) Program-wide Course List 専攻共通科目**

Course Titles	Course Number	Japanese Course Titles	Class	Instructor(s)*1	Credits	Course Type	Required/ Elective *2		Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
							non-EFM	EFM	Fall		Spring					
									③	④	①	②				
Mathematics 数学系																
Seminar on geometry	64160075	幾何学セミナー		IKAWA Osamu	2	Practicum	○	○			2	Offered in even numbered calendar years		c	○	
Seminar on analysis	64160076	解析学セミナー		MINE Takuya, TAKEISHI Takuya	2	Practicum	○	○			2	Offered in odd numbered calendar years		c	○	
Seminar on probability theory	64160077	確率論セミナー		ISOZAKI Yasuki, MORI Takahiro	2	Practicum	○	○			2	Offered in even numbered calendar years		c	○	
Mathematics for Data Science	64160087	データサイエンスの数理		ISOZAKI Yasuki	2	Lecture	○	○	2					a	○	
English 英語系																
Presentation Strategies	64161087	Presentation Strategies		HEALY Sandra	1	Lecture	○	○			2		※	a	◎	
Technical English	64161089	Technical English		(Toma Gabriel)	1	Lecture	○	☆	2				※	a	◎	
Business Communication	64160192	Business Communication		(Toma Gabriel)	1	Lecture	○	○			2		※	a	◎	
English for International Conferences	64160091	English for International Conferences		FUKADA Chie	1	Lecture	○	○			2		※	a	◎	
Media English: Listening, Reading and Discussion	64160093	Media English: Listening, Reading and Discussion		Samuell Christopher	1	Lecture	○	○			2		※	a	◎	
Basic English Communication for Science and Engineering	64160191	Basic English Communication for Science and Engineering		TSUBOTA Yasushi	1	Lecture	○	○	2				※	b,c	△	
Academic Reading	64161096	Academic Reading	a	KANZAWA Katsunori	1	Lecture	○	○	2				※	c	△	
	64161097		b	TAKEI Tomoko	1	Lecture	○	○		2			※	c	△	
Content and Language Integrated Learning I	64160096	Content and Language Integrated Learning I		(Toma Gabriel)	1	Lecture	○	○			2		※	a	◎	
Content and Language Integrated Learning II	64160097	Content and Language Integrated Learning II		Samuell Christopher	1	Lecture	○	○	2				※	a	◎	
Content and Language Integrated Learning III	64160098	Content and Language Integrated Learning III		(Toma Gabriel)	1	Lecture	○	○	2				※	a	◎	
Industry, Society & Culture 産業・社会・文化科目																
Advanced Liberal Arts Lecture	64160116	高等教育講義		AKITOMI Katsuya, ITO Yokuto, SAWADA Mieko, HAYASHI Chieko, FUKADA Chie, FUJITA Hisashi, YOSHIKAWA Junko	1	Lecture	○	○	2				※	c	△	
The Art and Culture of Kyoto	64161098	京都の工芸と文化		SAWADA Mieko, FUKADA Chie, ITO Yokuto, YOSHIKAWA Junko	2	Lecture, Practicum	○	○			2	Intensive course	※	c	△	
Living in a Post-Globalized Society (Advanced Liberal Arts Seminar)	64161099	ポスト・グローバル化社会を生きる(高等教育セミナー)		HAYASHI Chieko	1	Practicum	○	○			2		※	c	△	
Interaction and Expression (Advanced Liberal Arts Seminar)	64161100	インタラクションと表現(高等教育セミナー)		FUKADA Chie	1	Practicum	○	○	2				※	c	△	
Japanese Language and Cultural Studies (Advanced Liberal Arts Seminar)	64161057	日本語文化学(高等教育セミナー)		ITO Yokuto	1	Practicum	○	○	2				※	c	△	
Text and Society (Advanced Liberal Arts Seminar)	64161058	テキストと社会(高等教育セミナー)		TAKEI Tomoko	1	Practicum	○	○	2			Not offered in 2025	※	c	△	
Gender and Culture (Advanced Liberal Arts Seminar)	64161101	ジェンダーと文化(高等教育セミナー)		FUJITA Hisashi	1	Lecture, Practicum	○	○			2			c	△	
Science and Philosophy(Advanced Liberal Arts Seminar)	64161102	科学と哲学(高等教育セミナー)		FUJITA Hisashi	1	Lecture, Practicum	○	○	2					c	△	
Industry-university cooperation career education courses 産学連携キャリア教育科目群																
IGP Intellectual Property	64160060	IGP 知的財産権論		Director of the International Center, <TBA>	2	Lecture	○	●			2	Intensive course		a	◎	

Course Titles	Course Number	Japanese Course Titles	C l a s s e s	Instructor(s)*1	Credits	Course Type	Required/ Elective *2		Course Hours per Week*3			Notes	Repeat *4	Language of Instruction *5	Exchange students *6	
							non-EFM	EFM	Fall		Spring					
									③	④	①					②
Cross-disciplinary ICT-based courses 分野横断型ICT科目群																
Eco-friendly Industry Creation Strategies	64160194	環境調和型産業創出論		Director of the International Center, (SOMEHARA Toshiaki), (TAGUCHI Koushi), (MIZUKOSHI Tatsuya)	2	Lecture	○	●		2		Intensive course		a	○	
Project-based courses PBL型科目群																
Project Management	64160034	プロジェクト・マネジメント		Director of the International Center, (ITO Kou)	2	Lecture	●	●	2			Intensive course		a	○	
Global Innovation Program	64161062	グローバルイノベーションプログラム		SUSHI SUZUKI, TATARA Keita	8	Practicum	○		16			- Full-year courses starting in fall semester - Intensive course - Spaces are limited. Registration will be closed if student numbers exceed the limit.		a	◎	

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

× Not open to non-EFM students

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①～④, for quarter system courses. Spring" indicates Spring Semester and "Fall," Fall Semester. ①～④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎:Recommended ○:Available △:With instructor permission, only

## (2) Applied Biology Course List 応用生物学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Instruction to Biotechnology I	61160036	バイオテクノロジー概論 I	Academic staffs of the department	2	Lecture	○	○			2		※	a	○	
Instruction to Biotechnology II	61160037	バイオテクノロジー概論 II	Academic staffs of the department	2	Lecture	○	○	2				※	a	○	
Advanced Cell Signaling and Engineering	61160001	生体分子機能学特論	KATAOKA Takao	2	Lecture	○				4	Offered in odd numbered calendar years	※	c	○	
Advanced Structural Biology	61160026	構造生物学工学特論	SHIBA Tomoo, KISHIKAWA Junichi	2	Lecture	○		4			Offered in odd numbered calendar years	※	b	△	
Advanced Chromosome Engineering	61160004	染色体工学特論	YOSHIDA Hideki	2	Lecture	○		2			Offered in odd numbered calendar years	※	c	△	
Advanced Applied Genomics	61160042	応用ゲノミクス特論	KATO Yasuko	2	Lecture	○				4	Offered in odd numbered calendar years	※	b	○	
Advanced Applied Genomics	64260040	バイオデータサイエンス特論	UMEMURA Maiko	2	Lecture	○				4	Offered in even numbered calendar years	※	b	○	
Advanced Food Biotechnology	61160043	食品バイオテクノロジー特論	IZAWA Shingo	2	Lecture	○				4	Offered in odd numbered calendar years	※	c	○	
Advanced Applied Entomology	61160028	資源昆虫学特論	AKINO Toshiharu, NAGAOKA Sumiharu	2	Lecture	○		2			Offered in odd numbered calendar years, Intensive course	※	c	△	
Advanced Insect Biotechnology	61160010	昆虫工学特論	KOTANI Eiji, TAKAKI Keiko	2	Lecture	○		2				※	c	△	
Advanced Plant Science and Molecular Engineering	61160013	植物分子工学特論	HANBA Yuko, KITAJIMA Sakihito	2	Lecture	○		2			Offered in even numbered calendar years	※	b	△	
Advanced Evolutionary Genomics	61160030	進化ゲノム学特論	Sugie Atsusi	2	Lecture	○				2	Offered in odd numbered calendar years, Intensive course	※	c	△	
Advanced Biomedical and Developmental Biology	61160025	バイオメディカル学特論	NOMURA Tadashi	2	Lecture	○		2			Offered in even numbered calendar years, Intensive course	※	c	○	

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①～④, for quarter system courses.  
"Spring" indicates Spring Semester and "Fall," Fall Semester. ①～④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(3) Innovative Materials Course List 材料創製化学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Materials Chemistry for Photo-Electronics	61660001	光電子材料化学	SAKAI Wataru, KINASHI Kenji	2	Lecture	○	○				2		※	a	○
Optical Engineering of Organic Polymers	61660019	有機・高分子光物性工学	YAMAO Takeshi, MACHIDA Shinjiro	2	Lecture	○					4		※	c	△
Hierarchical Structure Formation	61760002	階層構造形成論	FUJIWARA Susumu, HASHIMOTO Masato, MIZUGUCHI Tomoko	2	Lecture	○					4		※	c	△
Science and Technology of Glasses and Amorphous Materials	61660008	ガラス・アモルファス材料科学	WAKASUGI Takashi	2	Lecture	○					2		※	c	△
Physical Properties of Inorganic Materials	61660009	無機材料物性学	YUMURA Takashi	2	Lecture	○			2				※	b	△
Science and Applicaion for Inorganic materials	67260018	無機材料応用科学	SUGAHARA Toru, ZHU Wenliang	2	Lecture	○			2				※	b	△
Biomedical Chemistry	66160003	バイオメディカル化学	AOKI Takashi	2	Lecture	○		4					※	b	△
Seminar on Innovative Materials I	61660012	材料創製化学セミナー I	Chair of the Master's Program,(Lee Hye Jin)	1	Lecture	○	○	1				Intensive course		a	◎

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①～④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①～④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎:Recommended ○:Available △:With instructor permission, only



(4) Material's Properties Control Course List 材料制御化学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Thermal Physics and Statistical Physics	61760001	熱・統計物理学	YAO Haruhiko	2	Lecture	○		2					※	b	△
Hierarchical Structure Formation	61760002	階層構造形成論	FUJIWARA Susumu, HASHIMOTO Masato, MIZUGUCHI Tomoko	2	Lecture	○					4		※	c	△
Optical Engineering of Organic Polymers	61660019	有機・高分子光物性工学	YAMAO Takeshi, MACHIDA Shinjiro	2	Lecture	○					4		※	c	△
Molecular Engineering of Polymers	61760004	高分子物性論	NORISUE Tomohisa, NAKANISHI Hideyuki	2	Lecture	○		2					※	c	△
Polymer Structure and Mechanics	61760005	高分子構造・力学	NISHIKAWA Yukihiro	2	Lecture	○	○	2					※	c	△
Atomic and Molecular Physical Chemistry	61760006	原子分子物理化学	TAKAHIRO Katsumi, HOSOKAWA Saburo	2	Lecture	○			4				※	c	△
Physical Properties of Inorganic Materials	61660009	無機材料物性学	YUMURA Takashi	2	Lecture	○		2					※	b	△
Science of Inorganic Structural Materials	61760008	無機構造材料科学	MARIN Elia <TBA>	2	Lecture	○		2					※	b	△
Science and Applicaion for Inorganic materials	61760018	無機材料応用科学	SUGAHARA Toru, ZHU Wenliang	2	Lecture	○	○	2					※	b	△
Properties of Nanomaterials	61660007	ナノ材料物性	SAKURAI Shinichi	2	Lecture	○			4				※	c	○
Biobased Polymers	61660002	バイオベースポリマー	TANAKA Tomonari	2	Lecture	○				4				b	△
Seminar on Material's Properties Control I	61760011	材料制御化学セミナー I	Chair of the Master's Program,(Lee Hye Jin)	1	Lecture	○	○	1				Intensive course		a	◎

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(5) Materials Synthesis Course List 物質合成化学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3		Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall	Spring				
								③ ④	① ②				
Design of Separation Materials	6.2E+07	分離媒体設計論	IKEGAMI Tohru	2	Lecture	○	○	2			※	a	○
Seminar on Materials Synthesis I	6.2E+07	物質合成化学セミナー I	Chair of the Master's Program, (Lee Hye Jin)	1	Lecture	○	○	1		Intensive course	※	a	◎

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses.  
"Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(6) Functional Chemistry Course List 機能物質化学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Biomedical Chemistry	66160003	バイオメディカル化学	AOKI Takashi	2	Lecture	○		4						b	△
Seminar on Functional Chemistry I	61960012	機能物質化学セミナー I	Chair of the Master's Program,(Lee Hye Jin)	1	Lecture	○	○	1			Intensive course			a	◎

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①～④, for quarter system courses.

"Spring" indicates Spring Semester and "Fall," Fall Semester. ①～④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(7) Electronics Course List 電子システム工学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Integrated Circuits, Advanced	62160003	集積回路工学特論	KOBAYASHI Kazutoshi, TAKAI Nobukazu, SHINTANI Michihiro	2	Lecture	○	○				4		※	a	◎
Energy Conversion Devices	62160035	エネルギー変換デバイス	IMADA Saki	1	Lecture	○	○	2					※	a	◎
Thin film engineering for semiconductor devices	62160054	半導体薄膜工学	NISHINAKA Hiroyuki	1	Lecture	○		2					※	c	△
Electronic Theory of Matter, Advanced	62160052	電子物性特論	TAKAHASHI Kazuo	1	Lecture	○	○	2					※	a	◎
Applied Optics	62160039	応用光学	AWATSUJI Yasuhiro	1	Lecture	○				2			※	c	△
Organic electronic device engineering	62160060	有機電子デバイス工学	YAMASHITA Kenichi	1	Lecture	○				2			※	c	△
Plasma Analysis	62160042	プラズマ解析学	HIMURA Haruhiko, SANPEI Akio	2	Lecture	○				4			※	b	○
Electromagnetic Wave Engineering, Advanced, A	62160043	電磁波工学特論 A	SHIMASAKI Hitoshi	1	Lecture	○				2			※	c	△
Electromagnetic Wave Engineering, Advanced, B	62160044	電磁波工学特論 B	UEDA Tetsuya	1	Lecture	○		2					※	c	△
Nano Structure Science	62160047	ナノ構造科学	ISSHIKI Toshiyuki, HASUIKE Noriyuki	1	Lecture	○		2					※	c	△
Fabrication and evaluation technique for semiconductor materials	62160058	半導体加工・評価技術	TAKAHASHI Shun	1	Lecture	○		2					※	c	△
Quantum Condensed Matter Physcis, Advanced	62160061	量子物性特論	MIURA Yoshio	1	Lecture	○				2			※	c	△
Special Seminar & Laboratory Work I	62160402	国際科学技術特別実験及び演習Ⅰ	Program Supervisor	4	Lab	●				12		1st year students		a	△
Special Seminar & Laboratory Work II	62160403	国際科学技術特別実験及び演習Ⅱ	Program Supervisor	4	Lab	●		12				1st year students		a	△

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.  
b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)  
c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students  
◎:Recommended ○:Available △:With instructor permission, only

(8) Information Science Course List 情報工学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
IoT and Signal Processing, Advanced	62260046	IoTプロセッシング特論	FUKUZAWA Masayuki	2	Lecture	○				4		Cross-disciplinary ICT-based Subjects	※	b	○
Computer Systems, Advanced	62260006	コンピュータシステム特論	HIRATA Hiroaki	2	Lecture	○				4			※	c	△
Machine Learning, Advanced	62260040	機械学習特論	NOBUHARA Shohei	1	Lecture	○				2		Cross-disciplinary ICT-based Subjects	※	a	○
System Design, Advanced	62260039	システム設計特論	IIMA Hitoshi, (MORI Yoshihiro)	2	Lecture	○				4			※	b	△
Data Transmission Systems	62260047	情報伝送システム論	INABA Hiroyuki	1	Lecture	○				2			※	b	○
Wireless Communications Technology	62260066	ワイヤレス通信技術論	UMEHARA Daisuke	1	Lecture	○				2			※	a	○
Wireless Communication System	62260067	ワイヤレス通信システム	YAMAMOTO Koji	1	Lecture	○				2			※	c	△
Introduction to Information Analysis	62260068	情報分析概論	Qiang MA, DUAN YIJUN	1	Lecture	○				2			※	b	○
Cognitive Science, Advanced	62260061	認知科学特論	NISHIZAKI Yukiko	1	Lecture	○					2		※	c	△
Data Networks, Advanced	62260022	情報ネットワーク特論	UMEHARA Daisuke, MASUDA Hideo, NAGAI Takayuki	2	Lecture	○		4					※	b	△
Dynamical Systems Theory	62260023	ダイナミカルシステム論	IIMA Hitoshi, (MORI Yoshihiro)	2	Lecture	○		4					※	b	△
Human Interface, Advanced	62260069	ヒューマンインタフェース特論	SHIBUYA Yu, (SONOYAMA Takasuke)	1	Lecture	○		2					※	c	△
Brain Science, Advanced	62260070	ブレインサイエンス特論	KAJIMURA Syogo	1	Lecture	○		2					※	c	△
Software Metrics	62260042	ソフトウェアメトリクス論	MIZUNO Osamu, CHOI Eunjong	1	Lecture	○	○	2					※	a	◎
Software Mining and Analysis	62260048	ソフトウェアマイニング分析論	MIZUNO Osamu, CHOI Eunjong	1	Lecture	○	○	2					※	a	◎
Multimedia Data Analysis	62260071	マルチメディアデータ分析論	NOMIYA Hiroki	1	Lecture	○		2					※	c	△
Operating Systems, Advanced	62260052	オペレーティングシステム特論	NUNOME Atsushi	2	Lecture	○			4				※	c	△
Computer Vision	62260053	コンピュータビジョン	DU Weiwei, FUKUZAWA Masayuki	2	Lecture	○	○		4				※	a	◎
Global Innovation Program	64161062	グローバルイノベーションプログラム	SUSHI SUZUKI, TATARA Keita	8	Practicum	○		16			・Full-year courses starting in fall semester ・Intensive course ・Spaces are limited. Registration will be closed if student numbers exceed the limit.			a	◎
Special Seminar & Laboratory Work I	62260402	国際科学技術特別実験及び演習Ⅰ	Program Supervisor	4	Lab	●				12		1st year students		c	△
Special Seminar & Laboratory Work II	62260403	国際科学技術特別実験及び演習Ⅱ	Program Supervisor	4	Lab	●				12		1st year students		c	△

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

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\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(9) Mechanophysics Course List 機械物理学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Converting Technology of Thermal Energy	62360100	熱エネルギー変換工学	NISHIDA Kosuke	2	Lecture	○				2		※	c	△	
Reactive Thermo-Fluid Dynamics	62360101	反応性熱流体力学	NISHIDA Kosuke	2	Lecture	○	○			2		※	a	△	
Transport Phenomena	62360133	熱物質移動論	TATSUMI Kazuya	2	Lecture	○			2			※	b	△	
Heat Transfer	62360029	熱伝達論	KITAGAWA Atsuhide	2	Lecture	○	○			2		※	a	△	
Computational Fluid Dynamics	62360104	計算流体力学	YAMAKAWA Masashi	2	Lecture	○				4		※	c	△	
Molecular Robotics	62360125	分子ロボティクス	TONOOKA Taishi	2	Lecture	○			4			※	c	△	
Vibration Analysis	62360126	振動解析学	MIURA Nanako	2	Lecture	○			4			※	b	△	
Biofluid Mechanics	62360128	生物流体力学	FUKUI Tomohiro	2	Lecture	○			4				b	△	
Theoretical Stress Analysis	62360108	理論応力解析学	《TBA》	2	Lecture	○				2	Not offered in 2025	※	c	△	
Numerical Solid Mechanics	62360109	数値固体力学	TAKAKI Tomohiro	2	Lecture	○				4		※	b	△	
Nonlinear Dynamics	62360124	非線形動力学	MASUDA Arata	2	Lecture	○				2		※	b	△	

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎:Recommended ○:Available △:With instructor permission, only

(10) Mechanodesign Course List 機械設計学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3					Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring						
								③	④	①	②					
Advanced Engineering Materials	62360200	先端工業材料科学	MORITA Tatsuro	2	Lecture	○		4					※	b	○	
Theory of Robot Control	62360201	ロボット制御論	《TBA》	2	Lecture	○		4				Not offered in 2025	※	c	△	
Advanced Stochastic Systems	62360202	確率応用システム論	SAWADA Yuichi	2	Lecture	○	○				4		※	a	△	
Optical and Imaging Measurements	62360203	光・画像計測論	《TBA》	2	Lecture	○					4	Not offered in 2025	※	c	△	
Smart Structural Systems and Structural Intelligence	62360204	知的構造システム学	MASUDA Arata	2	Lecture	○		2					※	b	△	
Mechanical System Engineering Design and Safety	62360033	機械システム安全設計論	IBA Daisuke	2	Lecture	○				2			※	b	△	
Applied Machining Processes	62360207	応用機械加工学	YAMAGUCHI Keishi	2	Lecture	○		4					※	b	△	
Advanced Materials Processing Technology	62360208	先端材料加工学	EGASHIRA Kai	2	Lecture	○				4			※	b	△	
Metal Forming Limit and Design	62360209	成形限界設計論	IIZUKA Takashi	2	Lecture	○				4			※	c	△	
Optimization Theory	62360210	最適化理論	KARUNO Yoshiyuki	2	Lecture	○	○	4					※	a	△	
Manufacturing Systems and Management	62360014	生産システム論	KARUNO Yoshiyuki	2	Lecture	○		4					※	c	△	
Advanced Industrial Messurement	62360225	先端工業計測論	TANAKA Yosuke	2	Lecture	○				4			※	b	△	

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(11) Design Course List デザイン学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall	Spring	③	④	①	②		
Global Innovation Program	64161062	グローバルイノベーションプログラム	SUSHI SUZUKI, TATARA Keita	8	Practicum	☆		16				-Full-year courses starting in fall semester -Intensive course -Spaces are limited. Registration will be closed if student numbers exceed the limit.		a	◎
Collaboration and Design	63560125	プロジェクトデザインA	TERUI Ryo, (SUGIURA Akihiko), Program Supervisor	4	Practicum	☆A						16	Intensive course, Spaces are limited. Registration will be closed if student numbers exceed the limit.	c	○
Project Design	63560055	プロジェクトデザインB	MIZUNO Daijiro, TSUDA Kazutoshi, Program Supervisor	4	Practicum	☆A		16					Intensive course	c	○
Project Design C	63560129	プロジェクトデザインC	NAKANO Yoshito, NISHIMURA Masanobu, YAMAMOTO Fumi	4	Practicum	☆A		16					Intensive course	c	△
Curatorial Research and Fieldwork	63560100	キュレーション実地演習	IDO Misato, HIRAYOSHI Yukihiro, MOTOHASHI Yayoi	4	Practicum	☆B						8	Offered in odd numbered calendar years	c	△
Reading in Curatorial Studies	63560101	キュレーション講読演習	HIRAYOSHI Yukihiro, IDO Misato, MOTOHASHI Yayoi	4	Practicum	☆B		8					Offered in even numbered calendar years	c	△
Expression and Media	63560132	表現とメディア	HIRAYOSHI Yukihiro	2	Lecture	○						4		c	△
Representation and Design	63560133	表象とデザイン	IDO Misato, MOTOHASHI Yayoi	2	Lecture	○		4						c	△
Japanese Traditional Culture and Design	63560106	伝統文化とデザイン	NAKANO Yoshito,	2	Lecture	○						4	Spaces are limited. Registration will be closed if student numbers exceed the limit.	c	△
Human Factors and Engineering	63560134	ヒューマンファクターとエンジニアリング	KITAGUCHI Saori	2	Lecture	○	○					4		a	○
Design and Management	63560109	デザインとマネジメント	KITANI Yoji	2	Lecture	○						4		c	△
Design and Technology	63560135	デザインとテクノロジー	TUDA Kazutoshi,	2	Lecture	○		4						c	△
Business and Society	63560111	ビジネスと社会	KATSUMOTO Masakazu	2	Lecture	○						4		c	△
People and Places	63560112	人と場	MATSUMOTO Yuji	2	Lecture	○						4		c	△
Technology and Culture	63560136	技術と文化	MIMURA Mitsuru	2	Lecture	○		4						c	△
Society and Design	63560124	社会とデザイン	MIZUUCHI Tomohide, TERUI Ryo	2	Lecture	○	○					4	Intensive course	a	◎

\*1 Part-time lecturer names are shown in parentheses.

\*2 ○ Elective courses

☆ Required Elective courses (Graduate Project Students must select 14 credits or more, including one of ☆A. Thesis Students must select 14 credits or more, including one of ☆A or ☆B.)

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses.  
"Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎:Recommended ○:Available △:With instructor permission, only



## ( 1 2 ) Architecture Course List 建築学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s) *1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall ③	Fall ④	Spring ①	Spring ②				
Urban History I	63461001	都市史 I	MARTINEZ ALEJANDRO	2	Lecture	○	○	2				・Not open to students with undergraduate level Urban History I credits ・Only open to IGP students		a	○
History of Japanese Architecture	63461002	日本建築史	MARTINEZ ALEJANDRO	2	Lecture	○	○	2				・Not open to students with undergraduate level History of Japanese Architecture credits ・Only open to IGP students		a	○
Studio in Traditional Japanese Architecture	63461003	伝統建築演習	MARTINEZ ALEJANDRO	2	Practicum	○		4				・Not open to students with undergraduate level Studio in Traditional Japanese Architecture credits ・Only open to IGP students		a	○
Structural Mechanics and Design, Advanced	63460004	建築力学・構造特論	KANAO Iori, MITSUDA Eisuke, MURAMOTO Makoto, KOJIMA Kotaro	2	Lecture	○					4			c	△
Architectural Design	63460012	建築デザイン	YAMASAKI Yasuhiro, NAKAMURA Kiyoshi, KUTSUKI Yoshitsuna	2	Lecture	○					4		※	c	△
Urban Design	63460014	都市デザイン	OHTA Syoichi, KUTSUKI Yoshitsuna UOYA Shigenori, (TAKEUCHI Yasushi)	2	Lecture	○					4		※	b	△
Digital Methods in Architecture and Landscape I	63461005	建築・景観のデジタル設計法 I	Ng Ming Shan VOLLMER MATTHIAS	2	Lecture	○	○	4				Intensive course, In conjunction with this course, students are recommended to take "Digital Methods in Architecture and Landscape II".		a	△
Digital Methods in Architecture and Landscape II	63461006	建築・景観のデジタル設計法 II	VOLLMER MATTHIAS	2	Lecture	○	○	4				Intensive course, In conjunction with this course, students are recommended to take "Digital Methods in Architecture and Landscape I".		a	△
Global Innovation Program	64161062	グローバルイノベーションプログラム	SUSHI SUZUKI, TATARA Keita	8	Practicum	○		16				・Full-year courses starting in fall semester ・Intensive course ・Spaces are limited. Registration will be closed if student numbers exceed the limit.		a	◎
Design Management of Urban and District Environment	63460057	都市・地域設計マネジメント	KAKUDA Akira, MIYAKE Takuya, IWAMOTO Kazumasa	2	Lecture	○					4			c	△
Design Management of Building Structures	63460019	建築構造設計マネジメント	KANAO Iori, MITSUDA Eisuke, MURAMOTO Makoto, KOJIMA Kotaro	2	Lecture	○					4			c	△
International Project of Architectural Design I	63460025	国際設計プロジェクト I	Program Supervisor	2	Practicum	○					8	Intensive course		b	○
International Project of Architectural Design II	63460026	国際設計プロジェクト II	Program Supervisor	2	Practicum	○					8	Intensive course		b	○
International Project of Architectural Design III	63460046	国際設計プロジェクト III	Program Supervisor	2	Practicum	○		8				Intensive course		b	○
International Project of Architectural Design IV	63460047	国際設計プロジェクト IV	Program Supervisor	2	Practicum	○		8				Intensive course		b	○
Special Lecture I	63460058	建築設計学特別講義 I	Program Supervisor	1	Lecture	○					2	Intensive course		b	△
Special Lecture II	63460059	建築設計学特別講義 II	Program Supervisor	1	Lecture	○					2	Intensive course		b	△
Special Lecture III	63460060	建築設計学特別講義 III	Program Supervisor	1	Lecture	○		2				Intensive course		b	△
Special Lecture IV	63460061	建築設計学特別講義 IV	Program Supervisor	1	Lecture	○			2			Intensive course		b	△
Special Seminar & Laboratory Work I	63460402	国際科学技術特別実験及び演習 I	Program Supervisor	4	Lab	●		12				1st year students		b	△
Special Seminar & Laboratory Work II	63460403	国際科学技術特別実験及び演習 II	Program Supervisor	4	Lab	●		12				1st year students		b	△

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses

Course Titles	Course Number	Japanese Course Titles	Instructor(s) *1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall	Spring						
								③	④	①	②				

○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses.  
"Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(13) Advanced Fibro-Science Course List 先端ファイブ科学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Start-up of Fiber Science and Engineering	65160068	繊維学域スタートアップ	Program Supervisor	2	Lecture	●				4		1st year students	※	b	△
Mechanics for Textile	65160054	テキスタイルメカニクス	Head of Master's Program in Advanced Fibro-Science	2	Lecture	●		2		2		1st year students, Intensive course		b	△
Chemistry for Textile	65160055	テキスタイルケミストリー	YAMADA Kazushi	2	Lecture	●	○			4		1st year students	※	c	○
Date-Science for Textile	65160056	テキスタイルデータサイエンス	NAGANO Hikaru	2	Lecture	●					4	1st year students		b	△
Functional Textile	65160069	機能性テキスタイル	OKUBAYASHI Satoko	2	Lecture	☆			4			1st year students, Intensive course	※	b	○
Comport and Comptation of Textiles	65160058	テキスタイルの快適性と数値評価	SAKUMA Atsushi, (Benny Malengier)	2	Lecture	☆	○	2				1st year students, Intensive course		a	◎
Kansei and Design	65160070	感性とデザイン	KUWAHARA Noriaki, SIRIARAYA Panote, CHOI DONG EUN, (MORIMOTO Kazunari)	2	Lecture	☆		4				1st year students	※	b	△
Sustainable Textile Design	65160063	サステナブルテキスタイル設計	INO Haruhiro, (KIMURA Teruo)	2	Lecture	○		2				1st year students, Intensive course		b	△
Composite design	65160049	コンポジット設計	OHTANI Akio	2	Lecture	○					4	2nd year students		b	△
Advanced Fibro-Science Seminar I	65160018	先端ファイブロ科学セミナーⅠ	Program Supervisor	2	Lecture	●		2				1st year students, Intensive course		b	△
Advanced Fibro-Science Seminar II	65160019	先端ファイブロ科学セミナーⅡ	Program Supervisor	2	Lecture	●		2				2nd year students, Intensive course		b	△
Seminar on International Culture Communication	65160066	国際コミュニケーション演習	Program Supervisor	2	Practicum	○		2		2		Intensive course		a	△
Special Seminar & Laboratory Work I	65160402	国際科学技術特別実験及び演習Ⅰ	Program Supervisor	4	Lab	●				12		1st year students		a	△
Special Seminar & Laboratory Work II	65160403	国際科学技術特別実験及び演習Ⅱ	Program Supervisor	4	Lab	●		12				1st year students		a	△

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

☆ Required Elective courses (Choose 2 credits from 3 subjects)

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

c: Individual support will be available in English by request. Contact the instructor. (Classes are conducted in Japanese.)

\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only

(14) Biobased Materials Science Course List バイオベースマテリアル学専攻

Course Titles	Course Number	Japanese Course Titles	Instructor(s)*1	Credits	Course Type	Required/ Elective *2	EFM Core	Course Hours per Week*3				Notes	Repeat *4	Language of Instruction *5	Exchange students *6
								Fall		Spring					
								③	④	①	②				
Start-up of Fiber Science and Engineering	65160068	繊維学域スタートアップ	Program Supervisor	2	Lecture	●				4		1st year students	※	b	△
Bio-based Polymers	66160002	バイオベースポリマー	TANAKA Tomonari	2	Lecture	○				4			※	b	△
Biomedical Chemistry	66160003	バイオメディカル化学	AOKI Takashi	2	Lecture	○		4					※	b	△
Environmentally benign polymer materials	66160031	サステイナブル材料合成化学	TANIGUCHI Ikuo	2	Lecture	○				4			※	a	○
Biocolour Science	66160023	バイオカラーサイエンス	YASUNAGA Hidekazu	2	Lecture	○	○	4					※	a	○
Bio-functional Materials	66160006	バイオ機能材料	WATAOKA Isao	2	Lecture	○		4					※	c	△
Properties of Nanomaterials	66160007	ナノ材料物性	SAKURAI Shinichi	2	Lecture	○			4				※	c	△
Fundamentals of Soft Materials	66160032	ソフトマテリアル基礎科学	MARUBAYASHI Hironori	2	Lecture	○					4		※	b	△
Bio-Nano Fiber	66160009	バイオナノファイバー	OKAHISA Yoko	2	Lecture	○				4			※	c	△
Environmental Resources Science	66160011	環境資源科学	ASO Yuji	2	Lecture	○		4					※	b	△
Environmental Functional Polymer Chemistry	66160033	環境機能高分子化学	FUKUSHIMA Kazuki	2	Lecture	○					4		※	b	○
Functional Structures of Proteins	61960009	タンパク質機能構造	KITADOKORO Kengo	2	Lecture	○		4					※	c	△
Plant Function and Technology	66160013	植物機能工学	HANBA Yuko	2	Lecture	○					4		※	b	△
International Seminar on Bio-based Materials Science	66160025	バイオベースマテリアル学国際セミナー	XU HUAZHONG	1	Practicum	●				2		Intensive course		a	△
Special Seminar & Laboratory Work I	66160402	国際科学技術特別実験及び演習Ⅰ	Program Supervisor	4	Lab	●				12		1st year students		a	△
Special Seminar & Laboratory Work II	66160403	国際科学技術特別実験及び演習Ⅱ	Program Supervisor	4	Lab	●			12			1st year students		a	△

\*1 Part-time lecturer names are shown in parentheses.

\*2 ● Required courses  
○ Elective courses

\*3 Course hours per week are shown in full-size blocks for semester courses and in half-size blocks under the relevant quarter, ①~④, for quarter system courses. "Spring" indicates Spring Semester and "Fall," Fall Semester. ①~④ indicate first through fourth quarters, respectively.

\*4 Students can request to re-take courses indicated by a "※" in the "Repeat" column even if they have previously completed them.

\*5 a: This course will be conducted in English.

b: Both Japanese and English will be used. (e.g., printouts and other materials will be available in English, explanations will be in Japanese.)

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\*6 Courses recommended for international exchange students

◎: Recommended ○: Available △: With instructor permission, only