English-Taught Courses List **As of April 2025**

(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
112105	Advanced Functional Application of materials Ⅰ	Fall Semester	3rd Quarter	IWAMI Kentaro	Engineering technologies that apply optics are used not only in consumer devices such as optical disks, but also in a wide range of fields in mechanical systems engineering, including imaging devices for robot vision, LiDAR for automatic driving, and fluid measurement using the PIV method. Therefore, a cross-disciplinary knowledge of optics is required to become a mechanical systems engineer. Therefore, this course aims to provide students with an academic understanding of natural phenomena related to light and to acquire basic knowledge to understand the principles of lasers, which are artificial light, their applications, and the operating principles of various optical devices. Specifically, this course aims to teach the basic knowledge related to light and lasers necessary for understanding optical sensors and optical measurement systems in robots and various industrial machines, and to introduce state-of-the-art optical technologies to try to understand the expansion of this field.
113007	Advanced Seminars on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion.
113107	Advanced Experimental Research on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	Experiment is done in each laboratory to bring up research ability and to learn professional knowledge through experiment as a graduate student in the master course.
113130	Advanced Experimental Research on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	MURAKAMI Hisashi	Experiment is done in each laboratory to bring up research ability and to learn professional knowledge through experiment as a graduate student in the master course.
113207	Advanced Research on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the master course.
113230	Advanced Research on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	MURAKAMI Hisashi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the master course.
1132429	Advanced Experimental Research on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	MURAKAMI Hisashi	Experiment is done in each laboratory to bring up research ability and to learn professional knowledge through experiment as a graduate student in the master course.
113407	Advanced Experimental Research on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOMINAGA Yoichi	Experiment is done in each laboratory to bring up research ability and to learn professional knowledge through experiment as a graduate student in the master course.
113507	Advanced Research on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOMINAGA Yoichi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the master course.
113532	Advanced Research on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	MURAKAMI Hisashi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the master course.
125007	Advanced Material and Environmental designing I	Fall Semester	3rd Quarter	QIAN Eika	Development of new energy conversion catalyst development by catalytic chemistry / engineering process, basic knowledge of develop catalyst, read highly specialized academic papers, "Catalytic Chemistry Basics", "Catalyst Analysis Method "and" reaction kinetics "more deeply. A deep understanding of related papers and debate on contents are central.
125008	Advanced Material and Environmental designing II	Fall Semester	3rd Quarter	QIAN Eika	Development of new energy conversion catalyst development by catalytic chemistry / engineering process, basic knowledge of develop catalyst, read highly specialized academic papers, "Catalytic Chemistry Basics", "Catalyst Analysis Method "and" reaction kinetics "more deeply. A deep understanding of related papers and debate on contents are central.

English-Taught Courses List **As of April 2025**

(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
125021	Bioelectronics I	Fall Semester	3rd Quarter	TABATA Miyuki	This course is for introduction of Bioelectronics. Seminar-style classes are held on electrical/electrochemical measurement principles, experimental methods, and data analysis.
125022	Bioelectronics II	Fall Semester	3rd Quarter	TABATA Miyuki	This course is for introduction of Bioelectronics. Seminar-style classes are held on electrical/electrochemical measurement principles, experimental methods, and data analysis.
125722	Practical Presentation in English	Fall Semester	3rd Quarter	TOMINAGA Yoichi	Practice and performance of effective English presentetion in conferences and public meetings.
125724	Practical Presentation in English	Fall Semester	3rd Quarter	QIAN Eika	Practice and performance of effective English presentation in conferences and public meetings.
125741	Practical Presentation in English	Fall Semester	3rd Quarter	AKISAWA Atsushi	Practice and performance of effective English presentation in conferences and public meetings. This course corresponds to the interdisciplinary exchange courses of the curriculum of the Department of Bio-Functions and Systems Science.
125761	Practical Presentation in English	Fall Semester	3rd Quarter	TOYODA Koki	Practice and performance of effective English presentetion in conferences and public meetings.
125769	Practical Presentation in English	Fall Semester	3rd Quarter	NISHIDATE Izumi	Presentations at international conferences are one of the most important steps in the publication of scientific research results. This course aims to provide techniques for effective presentations and question-and-answer sessions to reach target audience through external presentation opportunities. Corresponding criteria in the Diploma Policy: See the Curriculum maps.
125770	Practical Presentation in English	Fall Semester	3rd Quarter	SUZUKI Takeshi	Presentations at international academic conferences are one of the most important steps in the publication of scientific research results. This course aims to provide techniques for effective presentations and question-and-answer sessions to reach target audience through external presentation opportunities.
126002	Special Seminars on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
126018	Special Seminars on Bio-Function and Systems Science	Spring Semester	ONE-YEAR	NISHIDATE Izumi	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion. This course corresponds to thesis research etc. of the curriculum of the Department of Bio-Functions and Systems Science. Students in Doctral course Year-1 must complete this course as compulsive.
127002	Special Planning Research of Bio-Function and Systems Science	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
127003	Special Planning Research of Bio-Function and Systems Science	Spring Semester	ONE-YEAR	QIAN Eika	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
128002	Special Seminars on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOMINAGA Yoichi	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
128003	Special Seminars on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	QIAN Eika	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion.

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(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
128012	Special Seminars on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOYODA Koki	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course. This subject corresponds to thesis research in the curriculum of the Department of Bio-Functions and Systems Science, and is a required subject for the doctoral program.
128018	Special Seminars on Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	NISHIDATE Izumi	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion. This subject corresponds to thesis research in the curriculum of the Department of Bio-Functions and Systems Science, and is a required subject for the doctoral program.
129002	Special Planning Research of Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOMINAGA Yoichi	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
129003	Special Planning Research of Bio-Function and Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	QIAN Eika	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
148101	Doctoral Student Technical Writing	Spring Semester	INTENSIVE	TAKEYAMA Haruko (WASEDA University)	In this course, students will develop the scientific and technical writing skills they need to construct research papers in their specialist field. The course will be divided into two parts. In the first part of the course, students will study about the characteristic features of high-quality international research journal papers in terms of intended audience, purpose,organization, flow, style, and presentation. Students will also learn to identify useful features and patterns of writing in their specialist field using powerful text analysis and visualization tools. In the second part of the course, students will plan and complete a short research paper describing their current work following the “Instructions for Authors” guideline of a target journal. As part of the writing process, students will learn how to paraphrase,cite, and reference previous work, write simple and extended definitions,explain methods and processes, introduce, explain, and hedge interpretations of data in figures and tables, and summarize their research in the form of a title, abstract, or list of keywords. The course will be delivered in an ON-DEMAND format through video lectures and accompanying slides and activities. The materials for each day will be released at midnight of that day and all homework assignments for that day will need to be completed within one week (prior to start of the next day of the course). *Optional* face-to-face Zoom sessions will be organized for discussion of the materials and assignments usually between 16:30 and 18:00 on the day the materials are released depending on the preferences of the students.
148105	Doctoral Student Technical Writing	Spring Semester	1st Quarter	TAKEYAMA Haruko (WASEDA University)	In this course students will learn the main aspects of the publishing process of research articles, from writing a manuscript, submitting it to a journal, and dealing with reviewer's comments.
148106	Doctoral Student Technical Writing	Fall Semester	3rd Quarter	TAKEYAMA Haruko (WASEDA University)	In this course students will learn the main aspects of the publishing process of research articles, from writing a manuscript, submitting it to a journal, and dealing with reviewer's comments.
148309	Life science special lectureⅣ	Spring Semester	1st Quarter	OHSHIMA Toshio (WASEDA University)	Most of the lectures are given on-line together with face-to-face format. Lectures are pointed to the latest topics in the neuroscience field. The first half part focuses cell biological and developmental topics in the neuroscience, and in the last half part lectures are given by the leading researchers from The Brain Science Institute, Riken.
148452	Practical Presentation II	Spring Semester	ONE-YEAR	YOSHIDA Tadashi	To develop students' capabilities to convey the fruits of research to researchers in the same and other disciplines in English in an easy-to-understand way, and to discuss them in a professional manner. To further polish up and put into practice the capabilities for presentation, communication and discussion developed in Advanced Health Science Seminars I to III and the capability for communication in English developed in the practical English education course to a level high enough for presentation to international scholastic societies, and for each student to put in order and recognize his or her problems in these capabilities by learning the peer’s research acehivements and presentation techniques.

English-Taught Courses List **As of April 2025**

(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
148454	Practical Presentation II	Spring Semester	ONE-YEAR	TANAKA Akane	To develop students' capabilities to convey the fruits of research to researchers in the same and other disciplines in English in an easy-to-understand way, and to discuss them in a professional manner. To further polish up and put into practice the capabilities for presentation, communication and discussion developed in Advanced Health Science Seminars I to III and the capability for communication in English developed in the practical English education course to a level high enough for presentation to international scholastic societies, and for each student to put in order and recognize his or her problems in these capabilities by learning the peer’s research acehivements and presentation techniques.
148472	Planning and Research for Advanced Health Science and Practical Presentation I	Spring Semester	INTENSIVE	TANAKA Akane	To develop students’ capabilities to convey the fruits of research to researchers in the same and other disciplines, and to discuss them in a professional manner. To further polish up and put into practice the capabilities for presentation, communication and discussion developed in Advanced Health Science Seminars I to III to a level high enough for presentation to scholastic societies, and for each student to put in order and recognize his or her problems in these capabilities by learning the peer’s research acehivements and presentation techniques.
148523	Practical Presentation II	Fall Semester	ACROSS ACADEMIC YEAR	TANAKA Akane	To develop students' capabilities to convey the fruits of research to researchers in the same and other disciplines in English in an easy-to-understand way, and to discuss them in a professional manner. To further polish up and put into practice the capabilities for presentation, communication and discussion developed in Advanced Health Science Seminars I to III and the capability for communication in English developed in the practical English education course to a level high enough for presentation to international scholastic societies, and for each student to put in order and recognize his or her problems in these capabilities by learning the peer’s research acehivements and presentation techniques.
148527	Practical Presentation II	Fall Semester	ACROSS ACADEMIC YEAR	YOSHIDA Tadashi	To develop students' capabilities to convey the fruits of research to researchers in the same and other disciplines in English in an easy-to-understand way, and to discuss them in a professional manner. To further polish up and put into practice the capabilities for presentation, communication and discussion developed in Advanced Health Science Seminars I to III and the capability for communication in English developed in the practical English education course to a level high enough for presentation to international scholastic societies, and for each student to put in order and recognize his or her problems in these capabilities by learning the peer’s research acehivements and presentation techniques.
231003	Advanced Energy and Materials Design I	Spring Semester	1st Quarter	TOMINAGA Yoichi	In this class, you learn basics of polymer physics from both sides of physical and chemical points of views. The contents include mechanical, thermal and electrical properties of polymers which are particularly important for the polymer physics. Goal of this class is to learn skills of fundamentals from the viewpoint of microscopic properties and applications from the viewpoint of macroscopic properties of polymers. This class also focuses on widely professional knowledge obtained from introduction of recent advanced research and actual experimental and samples.
231004	Advanced Energy and Materials Design II	Spring Semester	1st Quarter	TOMINAGA Yoichi	These new “polymer electrolytes” are recently winning interest as solid-state alternatives to liquid electrolytes for electrochemical device applications, which range from high-energy density rechargeable batteries to solar cells, ion sensors and electrochromic displays. Above all, secondary lithium batteries based on polymer electrolytes have the capabilities of outstanding performance in terms of easy processibility, mechanical stability, reliability and safety (non flammability and leakage). Solid polymer electrolytes (SPEs) are new electrolyte materials which consist of salt (ion source) and polar polymer such as polyether. In this lecture, you review the basics of polymer materials science learned in the undergraduate lectures. The lecture focuses on SPEs and proceeds fundamentals of history, structures/species, industrial needs and applications. You learn the mechanism of dissociation of salts, diffusion phenomenon, measurement techniques and recent research on SPEs.

English-Taught Courses List **As of April 2025**

(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
232308	Arts of Intercultural Communication I	Spring Semester	1st Quarter	YAMADA Tetsuya	This lecture “Understanding Societies and Cultures in Asian and African Regions” will be the lecture omnibus by teachers of Tokyo University of Foreign Studies. Expecting the cases where you will communicate with local people while conducting re- search, development assistance and others in developing and emerging counties, this lecture will give an outline of existing conditions, languages, cultures, customs and religions in various regions of Asia and Africa. In addition, it aims to provide know-how and knowledge required to understand other cultures and to understand deeply each other by discussing in English. Every teacher gives a lecture in the first week and students are required to discuss the subjects of the lecture in the next week.
232314	English writing and Ethics	Spring Semester	ONE-YEAR	TOYODA Koki	Students improve their English writing skills and also learn the planning and execution of research projects, development of the project, ethics related to scientific research, strategy for the paper publishment or thesis and dissertation, reporting research results through journals or other formal publications. Additionally, they will learn the effective oral presentations through the practical training and improve their skills. All lectures will be conducted in English.
232315	Arts of Intercultural Communication II	Spring Semester	1st Quarter	YAMADA Tetsuya	This lecture “Understanding Societies and Cultures in Asian and African Regions” will be the lecture omnibus by teachers of Tokyo University of Foreign Studies. Expecting the cases where you will communicate with local people while conducting re- search, development assistance and others in developing and emerging counties, this lecture will give an outline of existing conditions, languages, cultures, customs and religions in various regions of Asia and Africa. In addition, it aims to provide know-how and knowledge required to understand other cultures and to understand deeply each other by discussing in English. Every teacher gives a lecture in the first week and students are required to discuss the subjects of the lecture in the next week.
232402	Advanced Energy and Materials Design I	Spring Semester	1st Quarter	TOMINAGA Yoichi	In this lecture, to understand energy problems as a major theme, you learn professional skills to find and summarize research papers that have been described in terms of practical application research of energy devices and basic research centered on organic and polymer ionics materials. Goal of this lecture is to understand the nature of ionics materials, organic/polymeric materials and energy storage/conversion devices by performing the discussion and presentation with respect to the content of research papers.
232410	Advanced Energy and Materials Design II	Spring Semester	1st Quarter	TOMINAGA Yoichi	In this lecture, to understand energy problems as a major theme, you learn professional skills to find and summarize research papers that have been described in terms of practical application research of energy devices and basic research centered on organic and polymer ionics materials. Goal of this lecture is to understand the nature of ionics materials, organic/polymeric materials and energy storage/conversion devices by performing the discussion and presentation with respect to the content of research papers.
233001	Career Development Program I	Spring Semester	1st Quarter	AKISAWA Atsushi	As the students start their five-year postgraduate program, this course will help them develop diverse future careers through presentation skills training, listening to talks by Ph.D. professionals working in various fields
233004	Career Development Program IV	Spring Semester	1st Quarter	TOYODA Koki	As the students start their five-year postgraduate program, this course will help them develop diverse future careers through visits to industries.
233201	Green and Clean Food Production Advancement I	Fall Semester	3rd Quarter	AKISAWA Atsushi	Lectures on related areas with food, energy, and environment will be given in English. GCFP "I" will especially focus on agricultural fields. Students deepen knowledge through lectures and discussion on current issues and the cutting edge research in the world. In principle, the lectures will be held in several days from October to Novemver.
233203	Green and Clean Food Production Advancement III	Spring Semester	ONE-YEAR	TOYODA Koki	To understand the detail of sustainability concerned with Green, clean food production, some invited professors will give lecture and discuss with professor and students based on this lecture.
233404	International Workshop	Spring Semester	ONE-YEAR	TOMINAGA Yoichi	This subject falls under the international subject in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.

English-Taught Courses List **As of April 2025**

(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
233408	International communication exercises I	Spring Semester	INTENSIVE	AKISAWA Atsushi	This course provides an international program collaborating with Steinbeis Unviersity Berlin in Germany for 2 weeks. Everything is conducted in English. Lectures for pre-program are also supplied in advance. A post-program is held to wrap-up the program afterwards. This subject is an international subject in the Department of Food and Energy System Science Five-Year integrated Doctoral Course, and is an elective subject for students in their 1st to 5th years. This program is organized twice a year, in September and March.
233409	International communication exercises II	Spring Semester	INTENSIVE	TOYODA Koki	This course consists of either study trip to Steinbeis or China. In China program, students obtain more understanding for food production, environmental problems, and their solutions through field trips to Northwest China and Iinan town, Shimane Prefecture with students of Sophia University. International communication exercises I to IV should be registered together. This subject is an international subject in the Department of Food and Energy System Science Five-Year integrated Doctoral Course, and is an elective subject for students in their 1st to 5th years.
233410	International communication exercises I	Fall Semester	3rd Quarter	AKISAWA Atsushi	This course provides an international program collaborating with Steinbeis Unviersity Berlin in Germany for 2 weeks. Everything is conducted in English. Lectures for pre-program are also supplied in advance. A post-program is held to wrap-up the program afterwards. This subject is an international subject in the Department of Food and Energy System Science Five-Year integrated Doctoral Course, and is an elective subject for students in their 1st to 5th years. This program is organized twice a year, in September and March.
234009	Research Rotation A	Spring Semester	ONE-YEAR	WULED Lenggoro	In the first two years of the integrated doctoral program, students acquire knowledge in their own fields of expertise and basic research methodologies, and acquire diverse perspectives and methodologies in research by conducting research in fields other than these. The field of "acquisition of knowledge and basic research methodology in one's own field of expertise" here is referred to as "Research Guidance A".
234022	Research Rotation A	Spring Semester	ONE-YEAR	YOSHINO Daisuke	In the first two years of the study program of the Food and Energy Department, students should attempt to muster variety of techniques and stance to see things from diversified standpoints through studying in three different laboratories as research rotation A, B and C. In the research rotation A, students study about their main subject to make a base of doctor thesis.
234109	Research Rotation B	Spring Semester	ONE-YEAR	WULED Lenggoro	In the first two years of the integrated doctoral program, students acquire knowledge in their own fields of expertise and basic research methodologies, and acquire diverse perspectives and methodologies in research by conducting research in fields other than these. The field of "acquisition of knowledge and basic research methodology in one's own field of expertise" here is referred to as "Research Guidance A", but it is "Research Guidance B" that further expands and evolves the field of research.
234122	Research Rotation B	Spring Semester	ONE-YEAR	IKUSHIMA Kenji	In the first two years of the study program of the Food and Energy Department, students should attempt to muster variety of techniques and stance to see things from diversified standpoints through studying in three different laboratories as research rotation A, B and C. In the research rotation B and C, students study about their second and third subjects to muster variety of techniques and stance to see things from diversified standpoints.
234209	Research Rotation C	Spring Semester	ONE-YEAR	WULED Lenggoro	In the first two years of the integrated doctoral program, you will acquire knowledge and basic research methodologies in your own field of expertise, and by conducting research in a different field, you will acquire a variety of research perspectives and knowledge and methodologies. The "Acquire diverse perspectives, knowledge, and methodologies in research by conducting research in fields different from one's own specialization" field here is referred to as "Research Guidance B and C".

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Code	Course Title	Semester	Quarter	Main Instructor	Course Description
234224	Research Rotation C	Spring Semester	ONE-YEAR	YOSHINO Daisuke	In the first two years of the study program of the Food and Energy Department, students should attempt to muster variety of techniques and stance to see things from diversified standpoints through studying in three different laboratories as research rotation A, B and C. In the research rotation B and C, students study about their second and third subjects to muster variety of techniques and stance to see things from diversified standpoints.
236109	English Seminars and Research Presentations I	Spring Semester	1st Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236112	English Seminars and Research Presentations I	Spring Semester	1st Quarter	FUSHIMI Chihiro	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236113	English Seminars and Research Presentations I	Spring Semester	1st Quarter	NISHIDATE Izumi	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236201	English Seminars and Research Presentations Ⅱ	Fall Semester	3rd Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236212	English Seminars and Research Presentations Ⅱ	Fall Semester	3rd Quarter	FUSHIMI Chihiro	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236213	English Seminars and Research Presentations Ⅱ	Fall Semester	3rd Quarter	NISHIDATE Izumi	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236215	English Seminars and Research Presentations Ⅱ	Fall Semester	3rd Quarter	TOMINAGA Yoichi	This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
236309	English Seminars and Research Presentations III	Spring Semester	1st Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities.

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Code	Course Title	Semester	Quarter	Main Instructor	Course Description
236312	English Seminars and Research Presentations III	Spring Semester	1st Quarter	FUSHIMI Chihiro	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor.
236313	English Seminars and Research Presentations III	Spring Semester	1st Quarter	NISHIDATE Izumi	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor.
236409	English Seminars and Research Presentations IV	Fall Semester	3rd Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities.
236412	English Seminars and Research Presentations IV	Fall Semester	3rd Quarter	FUSHIMI Chihiro	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor.
236413	English Seminars and Research Presentations IV	Fall Semester	3rd Quarter	NISHIDATE Izumi	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor.
236422	English Seminars and Research Presentations IV	Fall Semester	3rd Quarter	YOSHINO Daisuke	Students make presentation about fruits of research made in the laboratory A, B and C, knowledges acquired by learning including literature reviewing, and performances concerning planning research project based on the data research in the meeting of the laboratory of the supervisor.
237101	English Seminars and Research Presentations I	Fall Semester	3rd Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
237201	English Seminars and Research Presentations Ⅱ	Spring Semester	1st Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities. This subject falls under the international subject of Seminar/result presentation in the Department of Food and Energy Systems Science Five-Year integrated Doctoral Course, and is a required subject in the first year.
237301	English Seminars and Research Presentations III	Fall Semester	3rd Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities.
237401	English Seminars and Research Presentations IV	Spring Semester	1st Quarter	WULED Lenggoro	Research results, learning results including the reading of documents, and planning based on the investigation of documents and various materials are evaluated. The activities are performed through events commonly called seminar activities.
238002	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	TOYODA Koki	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238007	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	IKUSHIMA Kenji	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238008	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	SHINOHARA Kyosuke	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.

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(Graduate School of Bio-Applications and Systems Engineering) **This is for your reference only.**

Code	Course Title	Semester	Quarter	Main Instructor	Course Description
238009	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	YOSHINO Daisuke	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238010	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	MIZUUCHI Ikuo	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238012	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	MASUDA Kohji	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238014	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	KAJITA Shinya	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238015	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	NAKATA Kazuya	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238016	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	AKAGI Yuki	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238017	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	KIM Sanghong	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238018	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	OKADA Yohei	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238104	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	TOYODA Koki	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238107	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	MIZUUCHI Ikuo	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238109	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	MASUDA Kohji	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238110	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	NAKATA Kazuya	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238111	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	AKAGI Yuki	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238112	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	KIM Sanghong	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238113	Special Seminar on Food and Energy Systems Science	Fall Semester	ACROSS ACADEMIC YEAR	OKADA Yohei	Seminar is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238207	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	IKUSHIMA Kenji	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.
238209	Special Seminar on Food and Energy Systems Science	Spring Semester	ONE-YEAR	YOSHINO Daisuke	Research is done in each laboratory to bring up research ability and to learn professional knowledge through discussion as a graduate student in the doctor course.