Graduate Program in Global Studies

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- Education and Research Objectives and Human Resource Development Objectives
- Diploma Policy
- Curriculum Policy
- Master's Thesis / Doctoral Dissertation Evaluation Criteria
- GRADUATE PROGRAM IN GLOBAL STUDIES OVERVIEW
- M.A. CURRICULUM [M.A. Degree Requirements and Schedules]
- PH.D. CURRICULUM [Ph.D. Degree Requirements and Schedules]

Education and Research Objectives and Human Resource Development Objectives

The Graduate School of Global Studies consists of four programs: International Relations involves multifaceted research on multiple aspects of international relations; Area Studies focuses on understanding regions including Asia, the Middle East, and Latin America in their contexts; Global Studies uses multifaceted approaches to tackle global issues; International Cooperation Studies deepens advanced comprehensive understanding of international cooperation. The school educates research specialists and high-level professionals capable of applying concepts and methodologies acquired in each program to achieve an integrated understanding of our globalizing world.

Diploma Policy

[Master's Program]

<Global Studies>

The Master's Program in Global Studies, Global Studies sets standards for the skills and knowledge students will acquire as described below. Those who fulfill the requirements and have passed the thesis defense will receive the diploma.

1. Acquisition of specialized knowledge and global cultural competencies.
2. The master's thesis or the graduation project is grammatically and linguistically correct, clear, concise, and written in the appropriate style. It clearly shows the setting of the research theme, and makes convincing conclusions based on appropriate research.
3. Acquisition of concepts and methodologies for the study of global phenomena.
4. To train students who can fully participate in global society and take leadership roles in international organizations, governments, NGOs, and media, educational institutions, and other organizations.

<International Business and Development Studies>

The Master's Program in Global Studies, International Business and Development Studies sets standards for the skills and knowledge students will acquire as described below. Those who fulfill the requirements and have passed the thesis defense will receive the diploma.

1. Acquisition of specialized knowledge and global cultural competencies.
2. The master's thesis or the graduation project is grammatically and linguistically correct, clear, concise, and written in the appropriate style. It clearly shows the setting of the research theme, and makes convincing conclusions based on appropriate research.
3. Acquisition of analytic skills to deal with a broad range of contemporary global business and development problems, with strong focus on Japan and Asia.
4. To train students to have a deep understanding of economic conditions in developed and developing countries and have specialized management capacities required in international organizations, governments, and businesses.

<Japanese Studies>

The Master's Program in Global Studies, Japanese Studies sets standards for the skills and knowledge students will acquire as described below. Those who fulfill the requirements and have passed the thesis defense will receive the diploma.

1. Acquisition of specialized knowledge and global cultural competencies.
2. The master's thesis or the graduation project is grammatically and linguistically correct, clear, concise, and written in the appropriate style. It clearly shows the setting of the research theme, and makes convincing conclusions based on appropriate research.
3. Acquisition of an integrated and interdisciplinary understanding of Japanese history, literature, religion, art history, society, and culture.
4. To train students to have the Japanese language competency and scholarly knowledge for positions in educational institutions and other organizations requiring specialized knowledge of Japan.

[Doctoral Program]

<Global Studies>

The Doctoral Program in Global Studies sets standards for the skills and knowledge students will acquire as described below. Those who fulfill the requirements and have passed the thesis defense will receive a diploma in the Global Studies.

1. Acquisition of specialized knowledge for a professional career.
2. The doctoral dissertation is grammatically and linguistically correct, clear, concise, and written in the appropriate style. It clearly shows the setting of the research topic, which is original and unique, and makes convincing conclusions based on a deep and appropriate research.
3. Awarded on the basis of an original contribution in the area of Global Studies through mastery of relevant concepts and application of relevant methodologies.
4. To train students with specialized knowledge of theories and methods in Global Studies who can assume academic positions in institutions of higher learning as well as positions in organizations requiring specialized understanding and analysis of global phenomena.

<Japanese Studies>

The Doctoral Program in Global Studies sets standards for the skills and knowledge students will acquire as described below. Those who fulfill the requirements and have passed the thesis defense will receive a diploma in the Japanese Studies.

1. Acquisition of specialized knowledge for a professional career.
2. The doctoral dissertation is grammatically and linguistically correct, clearly, concise, and written in the appropriate style. It clearly shows the setting of the research topic, which is original and unique, and makes convincing conclusions based on a deep and appropriate research.
3. Awarded on the basis of an original contribution in the area of Japanese Studies through mastery of relevant concepts and application of relevant methodologies.
4. To train students who have developed expertise in an area within Japanese Studies and who are capable of assuming academic positions in institutions of higher learning and pursuing innovative high-level research in their area of expertise.

Note: The English translation is provided for information. The original Japanese version remains the sole official version. If there is any discrepancy between the two versions, the Japanese original should take precedence.

Curriculum Policy

[Master's Program]

<Global Studies>

In accordance with the university diploma policy, the Graduate Program in Global Studies, Global Studies constructs a curriculum with courses aligned to the following purposes.

1. To train global citizens who can function in English and other languages in multinational and multicultural social contexts in using skills from Global Studies.
2. Build a well-balanced curriculum that systematically combines lectures, exercises, and practical training through coursework and supervision in research work by the faculty members.
3. Through close collaboration between faculty members and students, build a curriculum with a thesis track course and a credit track course that cultivate students' research skills in their major field as well as outstanding abilities for occupations that require a high level of expertise.

<International Business and Development Studies>

In accordance with the university diploma policy, the Graduate Program in Global Studies, International Business and Development Studies constructs a curriculum with courses aligned to the following purposes.

1. To train global citizens who can function in English and other languages in multinational and multicultural social contexts in using skills from International Business and Development Studies.
2. Build a well-balanced curriculum that systematically combines lectures, exercises, and practical training through coursework and supervision in research work by the faculty members.
3. Through close collaboration between faculty members and students, build a curriculum with a thesis track course and a credit track course that cultivate students' research skills in their major field as well as outstanding abilities for occupations that require a high level of expertise.

<Japanese Studies>

In accordance with the university diploma policy, the Graduate Program in Global Studies, Japanese Studies constructs a curriculum with courses aligned to the following purposes.

1. To train global citizens who can function in English and other languages in multinational and multicultural social contexts in using skills from Japanese Studies.
2. Build a well-balanced curriculum that systematically combines lectures, exercises, and practical training through coursework and supervision in research work by the faculty members.
3. Through close collaboration between faculty members and students, build a curriculum with a thesis track course and a credit track course that cultivate students' research skills in their major field as well as outstanding abilities for occupations that require a high level of expertise.

[Doctoral Program]

< Global Studies>

In accordance with the university diploma policy, the Graduate Program in Global Studies constructs a curriculum with courses aligned to the following purposes.

1. To train students who have developed expertise in a specific area and have the cultural competencies for a global career.
2. Build a well-balanced curriculum that systematically combines lectures, exercises, and practical training through coursework and supervision in research work by the faculty members.
3. To train students to acquire the knowledge and skills to independently carry out creative research related to global studies, and to become highly specialized professionals with sufficient knowledge and abilities.

<Japanese Studies>

In accordance with the university diploma policy, the Graduate Program in Global Studies constructs a curriculum with courses aligned to the following purposes.

1. To train students who have developed expertise in a specific area and have the cultural competencies for a global career.
2. Build a well-balanced curriculum that systematically combines lectures, exercises, and practical training through coursework and supervision in research work by the faculty members.
3. To train students to acquire the knowledge and skills to independently carry out creative research related to Japanese studies, and to become highly specialized professionals with sufficient knowledge and abilities.

Note: The English translation is provided for information. The original Japanese version remains the sole official version. If there is any discrepancy between the two versions, the Japanese original should take precedence.

Master’s Thesis / Doctoral Dissertation Evaluation Criteria

[Master’s Thesis]

The master’s thesis (Global Studies, International Business and Development Studies, Japanese Studies) is proof of possessing the specialized knowledge, comprehension and research skills, and problem-solving skills necessary for the performance of professional research in the area of the relevant degree.

[Doctoral Dissertation]

The dissertation in Global Studies or Japanese Studies must demonstrate an original contribution to knowledge and high academic value, which is publishable in appropriate academic journals and other forums.

GRADUATE PROGRAM IN GLOBAL STUDIES OVERVIEW

The Graduate Program in Global Studies (GPGS) is part of Sophia University, a leading private university in Japan. The GPGS, founded in April 2006 (formerly the Graduate Program in Comparative Culture from 1979 to 2005), builds on Sophia's traditional strengths in area studies to study globalization. It emphasizes inquiry into the contemporary world and its historical antecedents through a curriculum that combines the themes of interdisciplinary global studies, theories and methodologies of academic disciplines, and the language training and cross-cultural understandings of Japanese and area studies.

More than 30 faculty members in the GPGS have advanced degrees from leading universities around the world and are actively engaged in research and publication in their specializations. They represent many different disciplines, nationalities and cultural backgrounds, ensuring a diverse range of perspectives. A number of professors from other graduate programs in the university are also affiliated with the GPGS.

Every semester, up to 15 applicants are admitted to pursue the M.A. degree, as well as up to three Ph.D. candidates. The size of the program is kept small to encourage close student-faculty interaction. Graduate students have access to the university's research facilities, while the location in central Tokyo provides easy access to such nearby resources as the National Diet Library.

1. DEGREES

The GPGS offers five degrees that are accredited by the MEXT.

The M.A. in Global Studies emphasizes the study of global issues from social science perspectives, focusing on global-local, systemic, and transnational processes. The degree prepares students for research and teaching positions in academia and think tanks, international organizations, as well as entry into doctoral programs.

The M.A. in International Business and Development Studies emphasizes the acquisition of analytical skills to deal with a range of contemporary global business and development problems that focus on Japan and Asia. It prepares students for careers in business firms and development organizations with an international orientation.

The M.A. in Japanese Studies enables an interdisciplinary approach to the study of both historical and contemporary aspects of Japanese history, literature, religion, art history, society, and culture. It prepares students for further study and research in doctoral programs or in positions that place a premium on knowledge about Japan. Qualified students may pursue a dual M.A. in Japanese Studies offered by Sophia University and SOAS (School of Oriental and African Studies, University of London).

The Ph.D. in Global Studies is designed for the advanced study of specific regions and locales in the context of global processes. It prepares students for academic posts in university, international, and global studies programs, as well as research positions in institutions requiring advanced analysis of countries and regions in a global context.

The Ph.D. in Japanese studies is designed for the advanced study of Japan in a transnational, regional and global context. Research and writing agendas emphasize methods and concepts from the disciplines of art history, literature, history, religious studies, cultural anthropology, media studies and cultural studies. The degree prepares students for academic positions in Japanese Studies programs, for research positions in foundations, NGOs, and companies that need advanced analyses of countries and regions in global contexts.

2. CURRICULUM

The small scale of the GPGS and the diverse disciplinary specializations, broad experience, and research interests of the faculty enable flexible course selection. In consultation with faculty members, students select courses designed to meet their individual interests and to further the acquisition of specialized knowledge in their chosen fields.

The master's degree has two tracks; each track has different graduation requirements. Students in the thesis track write a research thesis while those in the credit track complete a graduation project. The selection of the track takes place after a student matriculates in the program. Those who seek to enter the thesis track need to apply for it, typically at the start of the second semester, with entry contingent upon academic performance, availability of a mentor for the proposed topic, and successful defense of a thesis proposal.

Doctoral students work on their dissertation under the guidance of an advisor. In addition to necessary coursework, candidates participate in workshops and other program activities and may, in consultation with their dissertation advisor, attend extra courses.

English is the language of instruction. However, the study of Japanese is encouraged. Students may take advantage of the comprehensive Japanese language courses offered at Sophia. Those with a sufficient level of Japanese language proficiency as determined by a language examination may also take courses taught in Japanese as part of their studies. Additionally, students may study other languages at Sophia that are relevant to their studies, depending on availability of space in the courses.

3. GPGS Japanese Language Courses

There are two Japanese language courses in the GPGS curriculum. All GPGS students, and especially JS students, who have met the required levels of competency are highly encouraged to attend.

****Japanese Language Course A, offered every semester, 2 credits**
For students who have achieved N2 or are aiming for acquiring N2 in the Japanese Language Proficiency Test (JLPT). This course focuses on academic skills of listening and speaking, including some training in interview skills.

****Japanese Language Course B, offered every semester, 2 credits**
For students who have achieved N2 or are aiming for acquiring N2 in the Japanese Language Proficiency Test (JLPT). This is a reading and writing course that specializes in subject matters relevant to selected disciplines in the GPGS. Discussions are included in the course.

These courses are designed for students who intend to continue their research of Japan or who intend to do their business in Japan. Students may take one of these courses, or both at the same time.

4. RESOURCES

Many members of the GPGS faculty are also members of the Institute of Comparative Culture. The Institute sponsors a lecture series in English that invites leading scholars in Global Studies, Japan Studies, International Business and Development studies and related fields. Students in the GPGS are strongly encouraged to attend lectures, and are often given a chance to meet with and discuss research with visiting scholars at the Institute. The Institute also sponsors research projects related to the interests of GPGS students, offering the opportunity for some students to participate as research assistants or as presenters at academic workshops sponsored by the Institute.

The GPGS has its own study rooms and computer facilities and provides students with on-campus lockers for storing materials. In addition, graduate students can use the university computing facilities, cafeterias, gymnasium, athletic fields, and medical and counseling facilities. As with urban universities

generally in Japan, Sophia has several off campus dormitories and affiliated dormitories in and around the Tokyo area.

M.A. CURRICULUM [M.A. Degree Requirements and Schedules]

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1. M.A. Thesis Track

Students who wish to write a thesis apply for the thesis track, typically at the beginning of their second semester after enrollment in the GPGS. Acceptance into this track is a two-step process consisting, first, of the evaluation of a student's potential for writing a thesis after the submission of the "Thesis Intention" form and, second, evaluation of a student's thesis proposal at the official proposal defense. Satisfying the graduation requirements of this track typically requires four semesters. Entry into the thesis track can be initiated after the second semester, but this will likely prolong a student's time in the GPGS. Thesis-track graduation requirements are: 1) accumulation of 30 course credits; 2) continuous registration in "Research Guidance" (0 credit) under the name of the student's advisor from the first semester until the graduating semester; 3) submission of a Master's thesis. In the semester of intended graduation, students should register for "Thesis Seminar" (4 credits) and "Master's Thesis" (0 credit)

Overview

The thesis track enables a student to pursue independent research under the supervision of a faculty member. The final result should be a paper that makes an original contribution to knowledge in a designated academic discipline.

The Thesis

The thesis is an argument supported by primary data, and/or secondary data to which an original methodology/interpretation is applied that is positioned in and makes a contribution to a debate in a scholarly discipline. A thesis paper is typically 10,000-15,000 words, including notes and references.

Seeking an Advisor

In the semester of intended application to the thesis track, students need to obtain the signature of their advisor who is willing to guide the students in developing a thesis proposal and then supervise the research and writing of the thesis. Should students find a professor other than their current advisor better suited for supervision, students can ask their preferred professor to become the new advisor and, upon the professor's agreement, inform the GPGS office of the change.

Forming a Thesis Committee

Once students have successfully defended their thesis proposal, a committee consisting of the advisor and two readers will be formed. The designation of the two readers is at the discretion of the advisor, in consultation with students.

Typical Thesis Track Schedule (4 semesters)

Semester 1	attend "Thesis Track Guidance"
Semester 2	a) submit "Thesis Intention" form Evaluation criteria are: - overall quality - availability of a mentor - academic performance (minimum 3.5 GPA based on at least 6 credits of coursework excluding undergraduate courses) b) notification of evaluation result c) develop thesis proposal d) defend thesis proposal at the end of the semester
Semester 3	research thesis

Semester 4	a) submit thesis outline to advisor by first day of classes b) register for “Thesis Seminar” (4 credits) and “Master’s Thesis” (0 credit) c) submit thesis draft to GPGS office by the deadline d) revise thesis e) submit final draft to GPGS office by the deadline f) defend thesis

Track Change

Students who wish to change from the thesis track to the credit track should do so with the supervisor’s approval in the semester before they graduate. If necessary, they may change during the course adjustment period during the semester in which they intend to graduate. In principle, no changes (from thesis to credit) are allowed after the course adjustment period.

2. M.A. Credit Track

Credit-track graduation requirements are: 1) accumulation of 30 course credits; 2) continuous registration for “Research Guidance” (0 credit) under the name of the student’s advisor from the first semester until the graduating semester; 3) submission of a graduation project. In the semester of intended graduation, a student registers for “Graduation Project” (0 credit). Students on the credit track who expect to graduate in less then four semesters must apply for “Early Graduation” in the semester of intended graduation (please see p.64).

Overview

The credit track emphasizes coursework, with a graduation project. The project allows students to further their knowledge of a topic or issue they encountered in a course. The project is a research paper, unless the student requests another format and the advisor agrees. The research paper is undertaken in the student’s final semester and is supervised and evaluated by the advisor.

The Graduation Project

The graduation project typically expands on a topic that the student encountered in a course through further research and writing. Students can use secondary sources, primary sources or a combination thereof. The final paper is typically 4,000-6,000 words, including notes and references.

Selecting an Advisor

At the end of the second-to-last semester, students ask their advisor to supervise the graduation project. Should students find a professor other than their current advisor better suited for supervision, students can ask their preferred professor to become the new advisor and, upon the professor’s agreement, inform the GPGS office of the change.

Typical Graduation Project Schedule (third and fourth semesters)

Third semester

Month 4: The student submits the “Graduation Project Outline Form” to the GPGS office after obtaining the advisor’s approval.

Fourth semester

Month 1: The student works with the advisor to develop the paper’s focus through consultations. By the end of the month the student has a paper outline, bibliography, and schedule.
Months 2-3: The student does reading and research for the paper and writes a first draft
Month 4: The student submits the first draft to the advisor for comments and then revises the paper accordingly. S/he then submits one copy of the final draft on the day stated on the academic calendar to

the GPGS office.
(For early graduation students this schedule is accelerated by one or two semesters)

Regulations and Procedures

1. COURSE ADVISORY MEETING

At the beginning of each semester, all graduate students will attend a meeting to help them chart their path through graduate study. Students will be introduced to the different theoretical and methodological specializations of each faculty member. In consultation with the faculty about their interests, background and plan of study, students will select their courses and will be assigned an advisor (the advisor can later be changed according to the topic of the student's graduation project or thesis). Each student should bring to this meeting all registration materials.

Spring Semester: April 9 (Wed), 2025
Autumn Semester: September 25 (Thu), 2025

2. LIMIT ON NUMBER OF CREDITS PER SEMESTER

GPGS students may register for up to 12 credits of courses per semester. This includes Japanese language courses offered by the Center for Language Education and Research. While the 12-credit limit cannot be exceeded in a student's first semester it may be exceeded in subsequent semesters with the permission of the GPGS Director. This permission and the number of credits in excess of 12 credits is decided case-by-case by the Director on the basis of a student's GPA and graduation plans.

3. CREDIT APPROVAL FOR NON-GSGS (GRADUATE SCHOOL OF GLOBAL STUDIES) COURSES

i) Up to 8 credits of courses offered outside of the GPGS may be counted as Elective Courses in the Global Studies (AG), BD or JS fields.

ii) If students wish to take non-GSGS courses as Elective Courses, they must submit the "Credit Approval Form for Non-GSGS Courses" with the approval of their advisor and the GPGS Director. In addition to registering for non-GSGS courses via Loyola, the student must submit this form to the Center for Academic Affairs within the registration period or adjustment period to receive approval. Failure to follow this procedure will result in the courses not to be counted as credits for graduation.

ⓘ A lottery course「分野横断研究法：原理と技法」will also count as non-GSGS courses. For details, please refer to 「2025年度履修要覧［ガイド・資料編］」.

4. EARLY GRADUATION

Students who wish to graduate early (i.e. in two or three semesters) can apply for Early Graduation if they are in good academic standing by the judgment of the faculty and satisfy the following:

A. Submit an "Early Graduation Request" form.

B. Complete at least 30 credits of courses from the GPGS curriculum by the time of graduation.

C. Complete all requirements for either the M.A. thesis track or M.A. credit track.
"Application for Early Graduation" forms are available in the GPGS office. They should be submitted to the office by the last day of course adjustment period in the semester that the student intends to graduate. The application will be reviewed during the GPGS faculty meeting, and each applicant will be informed of the outcome accordingly.
If a student wishes to withdraw their request for early graduation, they must notify the GPGS office in writing during the course withdrawal period for Spring/Autumn semester courses.

Early graduation application deadline:
April 18 (Fri), 2025 for September 2025 graduation
October 3 (Fri), 2025 for March 2026 graduation

5. RESEARCH GUIDANCE

Research Guidance will be registered every semester by the Center for Academic Affairs based on the notification of their advisors from the GPGS office. They will be registered in late May for Spring semester and late November for Autumn semester. Students must receive passing grades at least four semesters for their Research Guidance. However, they are required to receive passing grades for every semester in case they graduate early.

6. SUBMISSION OF THESIS TRACK INTENTION FORM

"Thesis Track Intention" forms are available in the GPGS office.

Thesis intention application deadline
Spring Semester: April 30 (Wed), 2025
Autumn Semester: October 15 (Wed), 2025
Place to submit: GPGS office

7. SUBMISSION OF THESIS PROPOSAL

Deadline of submission
Spring Semester: June 20 (Fri), 2025
Autumn Semester: November 28 (Fri), 2025
Place to submit: GPGS office

Proposal Defense
Spring Semester: July 16 (Wed), 2025
Autumn Semester: December 17 (Wed), 2025

8. SUBMISSION OF MASTER'S THESIS / GRADUATION PROJECT

A. Master's Thesis

Registration for Master's Thesis: Registration must be done through Loyola during the registration period of the intended semester of graduation.

Deadline of submission (first draft):
June 13 (Fri), 2025 for September 2025 graduation
November 21 (Fri), 2025 for March 2026 graduation

Deadline of submission (final draft):
July 2 (Wed), 2025 for September 2025 graduation
January 5 (Mon), 2026 for March 2026 graduation
Place to submit: GPGS Office / on Moodle

Thesis Defense:
July 23 (Wed), 2025 for September 2025 graduation
January 14 (Wed), 2026 for March 2026 graduation
Time to be announced.

B. Graduation Project

Registration for Graduation Project: Registration must be done through Loyola during the registration period of the intended semester of graduation.

Graduation Project outline form submission deadline:
July 4 (Fri), 2025 for March 2026 graduation
January 7 (Wed), 2026 for September 2026 graduation

Graduation Project submission deadline:
July 2 (Wed), 2025 for September 2025 graduation
January 5 (Mon), 2026 for March 2026 graduation
Place to submit: GPGS office / on Moodle

M.A. in Global Studies

The M.A. in Global Studies examines world systems, transnational processes, and global-local interactions from perspectives informed by the disciplines of anthropology, history, political science, religious studies, and sociology. Students are required to take 4 credits of Foundational Courses to acquire theoretical concepts and methodological approaches for the study of global phenomena. A range of thematic Elective Courses drawing on concrete cases in Japan, China, and the rest of Asia enables students to explore global issues and phenomena from an area-based perspective. Study of Japanese and other languages relevant to a student's research and future career is strongly encouraged.

Students are required to take a total of 30 credits distributed as follows:

Thesis-track students

Foundational Courses in Global Studies (AG)*	4 credits
Elective Courses in Global Studies (AG)**	
Research Guidance***	22 credits
Thesis Seminar****	0 credit
Master's Thesis****	4 credits
	0 credit

Credit-track students

Foundational Courses in Global Studies (AG)*	4 credits
Elective Courses in Global Studies (AG)**	
Research Guidance***	26 credits
Graduation Project****	0 credit
	0 credit

*Students are required to take AG741 and AG745 categorized as Foundational Courses as compulsory courses. These courses are only for Global Studies (AG) degree students and no withdrawal is allowed.

**Up to 8 credits of non-Global Studies (AG) courses (BD, JS, and graduate courses offered by any other graduate school at Sophia University) can be counted as Elective Courses. However, students must request for an approval to count non-GSGS courses as Elective Courses. Students may take 4 credits at United Nations University (UNU) of with an approval from the Director, and those credits are counted among the 8 credits of non-Global Studies (AG) courses. For procedures, consult the Center for Academic Affairs. For students with a legitimate academic justification, this 8 credit limit can be waived with the permission of the Director, the student's Area Coordinator and the advisor. This waiver will only be granted in cases where courses are related to research requirements, and only applies to additional courses taken inside the GPGS (For courses in other programs, the limit of 8 credits cannot be waived). Please note this waiver must be approved by submitting a designated form to the Center for Academic Affairs at the time of registration. For details, please consult the GPGS office.

***Registered by the Center for Academic Affairs.

****Students should register in the final semester.

Courses

Foundational Courses		Credits
AG741	Introduction to Global Studies 1	2
AG745	Introduction to Global Studies 2	2

Elective Courses		Credits
AG502	Comparative Politics*	2
AG504	Democracy in Globalization*	2
AG510	Globalization and Popular Religion	2
AG516	Global Migration	2
AG518	Global Health	2
AG522	Quantitative Research Methods	2
AG531	Global Politics*	4
AG532	Media and Politics	4
AG538	International Relations Theory	2
AG541	Sovereignty, Nationhood, Liberalism 2	2
AG542	Topics in Global Studies	4
AG543	Global Issues I	2
AG544	Global Issues II*	2
AG547	Prejudice and Discrimination	2
AG551	Studies in Emotion	4
AG552	Global History	2
AG553	History of International Relations	2
AG556	Anthropology of Nature and Technoscience*	4
AG557	Urban Ethnography	4
AG558	Migration and Citizenship	4
AG559	Law, Media, Culture	4
D41142	Gender and Politics 1	2
D41143	Gender and Politics 2	2
D62615	Political Sociology 1 (Theory)	2
D62616	Political Sociology 2 (Empirical Research)	2
D83075	Seminar on Social Movements	2
D81104	Seminar in International Educational Development	2
D83094	Seminar on Sustainable Societies 1	2
D83095	Seminar on Sustainable Societies 2	2

The following course taken before 2020 may still be counted for this category.

D81102 Lec. in International Educational Development

Elective Courses		Credits
JS590Z	Japanese Language Course A**	2
JS591Z	Japanese Language Course B**	2
JS553Z	Eastern Europe and East Asia in the Twentieth Century	2

Thesis Track		Credits
AG900	Master's Thesis	0

AG790	Thesis Seminar	4
AG888	Research Guidance	0

Credit Track		**Credits**
AG802	Graduation Project	0
AG888	Research Guidance	0

*Students may take these courses twice.

**Note that there are rules for taking these courses. Please refer to each syllabus on Loyola before registration.

M.A. in International Business and Development Studies

The M.A. in International Business and Development Studies emphasizes the acquisition of analytical skills to deal with a broad range of contemporary global business and development problems with a strong focus on Japan and Asia. It seeks to provide students with an integrated understanding of business and development together with specialized training in one of these fields. Due to globalization, business activities are increasingly worldwide in scope, requiring a deep understanding of conditions in both developed and developing countries as well as specialized management capability. International organizations, governments of developing countries, and businesses committed to sustainable development likewise need specialists capable of handling development issues from a business perspective. In pursuing this degree graduate students are advised to plan their course selection in consultation with faculty members so as to facilitate the acquisition of an integrated or specialized capability in business and/or development.

Students are required to take a total of 30 credits that are distributed as follows:

Thesis-track students

Core Courses in International Business category or Development Studies category	12 credits
Elective Courses in any BD category*	14 credits
Research Guidance**	0 credit
Thesis Seminar***	4 credits
Master's Thesis***	0 credit

Credit-track students

Core Courses in International Business category or Development Studies category	12 credits
Elective Courses in any BD category*	18 credits
Research Guidance**	0 credit
Graduation Project***	0 credit

*Up to 8 credits of non-BD courses (Global Studies (AG), JS, and graduate courses offered by any other graduate school at Sophia University) can be counted as Elective Courses. However, students must request for an approval to count non-GSGS courses as Elective Courses.
Students may take 4 credits at United Nations University (UNU) of with an approval from the Director, and those credits are counted among the 8 credits of non-BD courses. For procedures, consult the Center for Academic Affairs.
For students with a legitimate academic justification, this 8 credit limit can be waived with the permission of the Director, the student's Area Coordinator and the advisor. This waiver will only be granted in cases where courses are related to research requirements, and only applies to additional courses taken inside the GPGS (For courses in other programs, the limit of 8 credits cannot be waived). Please note this waiver must be approved by submitting a designated form to the Center for Academic Affairs at the time of registration.For details, please consult the GPGS office.

**Registered by the Center for Academic Affairs.

***Students should register in the final semester.

Courses

Core Courses Applicable to Both International Business and Development Studies		Credits

BD500	Mathematical Techniques in Business and Economics	4
BD510	Business and Economic Statistic	4

International Business Core Courses		**Credits**
BD503	Corporate Strategy and Organizational Development	4
BD504	International Information System and Management	4
BD505	Financial Accounting	4
BD508	International Financial Management	4
BD512	Managing Multinational Corporations	4
BD513	Marketing Management	4
BD514	Applied Business Intelligence	4
BD515	Doing Business in Emerging Markets	4
BD516	Entrepreneurship and Innovation Strategy	4
BD525	Supply Chain Management	4
D51270	Corporate Finance	4

Development Studies Core Courses		**Credits**
BD521	International Economics	4
BD532	Economics of Development and Poverty	4

Advanced Elective Courses		**Credits**
BD707	Topics in Business and Development 1	2
BD708	Topics in Business and Development 2	2

Thesis Track		**Credits**
BD900	Master’s Thesis	0
BD790	Thesis Seminar	4
BD888	Research Guidance	0

Credit Track		Credits
BD802	Graduation Project	0
BD888	Research Guidance	0

M.A. in Japanese Studies

The M.A. in Japanese Studies offers an integrated and interdisciplinary approach to the study of both historical and contemporary aspects of Japanese history, literature, religion, art history, society, and culture. Courses are organized in two categories: Arts and Culture (art history / visual culture and literature), and Thought and Society (history, religion and philosophy, anthropology). For a balanced understanding and exposure to the themes, methodologies and research materials of the different disciplines, students are required to take at least four credits from each of the two categories. All students are advised to take advanced Japanese language training to facilitate use of Japanese sources in their research.

Courses in the M.A. in Japanese Studies are designated by the JS prefix. A total of 30 credits are required for graduation, to be distributed as follows:

Thesis-track students

Introduction to Japanese Studies (taken in their first year upon enrollment)*	2 credits
Arts and Culture category courses	
Thought and Society category courses	4 credits
Elective Courses in any JS category**	4 credits
Research Guidance***	16 credits
Thesis Seminar****	0 credit
Master's Thesis****	4 credits
	0 credit

Credit-track students

Introduction to Japanese Studies (taken in their first year upon enrollment)*	2 credits
Arts and Culture category courses	
Thought and Society category courses	4 credits
Elective Courses in any JS category**	4 credits
Research Guidance***	20 credits
Graduation Project****	0 credit
	0 credit

*Students are required to take JS546 categorized as a Foundational Course. This course is only for JS degree students and no withdrawal is allowed.

**Up to 8 credits of non-JS courses (Global Studies (AG), BD, and graduate courses offered by any other graduate school at Sophia University) can be counted as Elective Courses. However, students must request for an approval to count non-GSGS courses as Elective Courses.
Students may take 4 credits at United Nations University (UNU) of with an approval from the Director, and those credits are counted among the 8 credits of non-JS courses. For procedures, consult the Center for Academic Affairs.
For students with a legitimate academic justification, this 8 credit limit can be waived with the permission of the Director, the student's Area Coordinator and the advisor. This waiver will only be granted in cases where courses are related to research requirements, and only applies to additional courses taken inside the GPGS (For courses in other programs, the limit of 8 credits cannot be waived). Please note this waiver must be approved by submitting a designated form to the Center for Academic Affairs at the time of registration.For details, please consult the GPGS office.

***Registered by the Center for Academic Affairs.

****Students should register in the final semester.

Courses

Foundational Courses		Credits
JS546	Introduction to Japanese Studies	2

Arts and Culture		Credits
JS505	Modern Japanese Arts History*	4
JS508	Interpretations of Modernity 1*	2
JS509	Interpretations of Modernity 2*	2
JS518	Comparative Literature 1*	2
JS519	Comparative Literature 2*	2
JS520	Pre-Modern Japanese Literature 1*	2
JS523	Pre-Modern Japanese Literature 2*	2
JS526	Pre-Modern Japanese Art History*	4
JS527	Contemporary Japanese Literature 1*	2
JS528	Contemporary Japanese Literature 2*	2
JS555	Film and Media*	4
JS556	Studies in Japanese Media and Popular Culture*	4
JS750	Reading in Japanese Sources*	2

Thought and Society		Credits
JS524	Religion and Japanese Society 1*	2
JS525	Religion and Japanese Society 2*	2
JS532	Japanese History*	4
JS534	Modern East Asian History***	4
JS535	Philosophy in Japan*	4
JS536	Modern Japanese History 1*	2
JS537	Modern Japanese History 2*	2
JS542	Popular Culture	4
JS543	Urban Space Studies	4
JS547	Social Issues in Contemporary Japan	4
JS551	Japan Ethnography*	4
JS554	Eastern Europe and East Asia in the Twentieth Century II	2

Japanese Language		Credits
JS590	Japanese Language Course A**	2
JS591	Japanese Language Course B**	2

Thesis Track		Credits
JS900	Master's Thesis	0
JS790	Thesis Seminar	4
JS888	Research Guidance	0

Credit Track		Credits
JS802	Graduation Project	0
JS888	Research Guidance	0

* Students may take these courses twice.

** Note that there are rules for taking the courses. Please refer to each syllabus on Loyola before registration.

*** Students who took AG549 cannot take this course.

M.A. COURSE LIST

M.A. COURSE LIST

Course No.	Registration Code	Course Title	Credits	Professor	Semester	Numbering	Remarks
AREA-BASED GLOBAL STUDIES							
Foundational Courses							
AG741	MZAG7410	INTRODUCTION TO GLOBAL STUDIES 1	2	Co) BURRETT Tina	Spring	GST501-65e00	
AG745	MZAG7450	INTRODUCTION TO GLOBAL STUDIES 2	2	Co) BURRETT Tina	Autumn	GST502-65e00	
Elective Courses							
AG502	MZAG5020	COMPARATIVE POLITICS	2	NAKANO Koichi	Not offered	GST601-65e00	*1
AG504	MZAG5040	DEMOCRACY IN GLOBALIZATION	2	NAKANO Koichi	Autumn	GST602-65e00	*1
AG510	MZAG5100	GLOBALIZATION AND POPULAR RELIGION	2	MURAKAMI Tatsuo	Spring	GST605-65e00	
AG516	MZAG5160	GLOBAL MIGRATION	2	ISSEN Iris	Spring	GST608-65e00	
AG518	MZAG5180	GLOBAL HEALTH	2	MINAGAWA Yuka	Autumn	GST609-65e00	
AG522	MZAG5220	QUANTITATIVE RESEARCH METHODS	2	MINAGAWA Yuka	Autumn	GST610-65e00	
AG531	MZAG5310	GLOBAL POLITICS	4	ITO Takeshi	Autumn	GST614-65e00	*1
AG532	MZAG5320	MEDIA AND POLITICS	4	BURRETT Tina	Not offered	GST615-65e00	
AG538	MZAG5380	INTERNATIONAL RELATIONS THEORY	2	ANNO Tadashi	Not offered	GST619-65e00	
AG541	MZAG5410	SOVEREIGNTY, NATIONHOOD, LIBERALISM	2	ANNO Tadashi	Not offered	GST620-65e00	
AG542	MZAG5420	TOPICS IN GLOBAL STUDIES	4	TIN TIN HTUN	Autumn	GST621-65e00	
AG543	MZAG5430	GLOBAL ISSUES 1	2	NORTHEY Jake	Autumn	GST622-65e00	
AG544	MZAG5440	GLOBAL ISSUES 2	2	BABIRYE Rebecca	Spring	GST623-65e00	
AG547	MZAG5470	PREJUDICE AND DISCRIMINATION	2	DEGUCHI Makiko	Autumn	GST626-65e00	*3
AG551	MZAG5510	STUDIES IN EMOTION	4	OKITA Kiyokazu	Autumn	GST630-65e00	
AG552	MZAG5520	GLOBAL HISTORY	2	MELZER Juergen	Autumn	GST631-65e00	
AG553	MZAG5530	HISTORY OF INTERNATIONAL RELATIONS	2	MICHELIN Franck	Autumn	GST632-65e00	
AG556	MZAG5560	ANTHROPOLOGY OF NATURE AND TECHNOSCIENCE	4	WATANABE Takehiro	Autumn	GST635-65e00	*1
AG557	MZAG5570	URBAN ETHNOGRAPHY	4	FARRER James	Autumn	GST636-65e00	
AG558	MZAG5580	MIGRATION AND CITIZENSHIP	4	KIM Ilju	Spring	GST637-65e00	
AG559	MZAG5590	LAW, MEDIA, CULTURE	4	KIM Dodom	Spring	GST638-65e00	
D41142	MLLW7211	GENDER AND POLITICS 1	2	MIURA Mari	Not offered	POL509-41e00	L
D41143	MLLW7221	GENDER AND POLITICS 2	2	MIURA Mari	Autumn	POL510-41e00	L
D83075	MHSC7280	SEMINAR ON SOCIAL MOVEMENTS	2	SARUYA Hiroe	Not offered	SOC518-83e00	S
D83094	MHSC7390	SEMINAR ON SUSTAINABLE SOCIETIES 1	2	HOMMERICH Carola	Spring	SOC527-83e00	S
D83095	MHSC7400	SEMINAR ON SUSTAINABLE SOCIETIES 2	2	HOMMERICH Carola	Not offered	SOC528-83e00	S
D81104	MHED7500	SEMINAR IN INTERNATIONAL EDUCATIONAL DEVELOPMENT	2	KOMATSU Taro	Autumn	EDU609-81e00	E
D62615	MFIR7140	POLITICAL SOCIOLOGY1 (THEORY)	2	WEISS Tobias	Spring	IRS561-66e00	I
D62616	MFIR7150	POLITICAL SOCIOLOGY2 (EMPIRICAL RESEARCH)	2	WEISS Tobias	Autumn	IRS562-66e00	I

Any changes in course schedules will be announced on the Class Bulletin Board on My Sophia. Please check carefully before registration.
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L: offered by Graduate Program in Law
S: offered by Graduate Program in Sociology
E: offered by Graduate Program in Education
*1: Students may take the course twice.
*2: JS524 and JS525 must be taken together in the same semester.
*3: Only students in GPGS may take this course.
*4: Students who have taken JS510 may take this course.

Course No.	Registration Code	Course Title	Credits	Professor	Semester	Numbering	Remarks
INTERNATIONAL BUSINESS AND DEVELOPMENT STUDIES							
Core Course Applicable to Both International Business and Development Studies							
BD500	MZBD5000	MATHEMATICAL TECHNIQUES IN BUSINESS AND ECONOMICS	4	ASANO Akihito	Autumn	IBD501-65e00	
BD510	MZBD5100	BUSINESS AND ECONOMIC STATISTIC	4	HASEBE Takuya	Spring	IBD605-65e00	
International Business Core Courses							
BD503	MZBD5030	CORPORATE STRATEGY AND ORGANIZATIONAL DEVELOPMENT	4	NGUYEN Anh Hao	Autumn	IBD502-65e00	
BD504	MZBD5040	INTERNATIONAL INFORMATION SYSTEM AND MANAGEMENT	4	SINGH Mahendra	Spring	IBD601-65e00	
BD505	MZBD5050	FINANCIAL ACCOUNTING	4	UENISHI Junko	Not offered	IBD602-65e00	*3
BD508	MZBD5080	INTERNATIONAL FINANCIAL MANAGEMENT	4	ISAKA Naoto	Autumn	IBD604-65e00	
BD512	MZBD5120	MANAGING MULTINATIONAL CORPORATIONS	4	KOYAMA Kenta	Spring	IBD606-65e00	
BD513	MZBD5130	MARKETING MANAGEMENT	4	DE MAEYER Peter	Not offered	IBD607-65e00	
BD514	MZBD5140	APPLIED BUSINESS INTELLIGENCE	4	MOUSAVI JAHAN ABADI Seyed Mohammad	Autumn	IBD616-65e00	
BD515	MZBD5150	DOING BUSINESS IN EMERGING MARKETS	4	BUGADOR Roderick	Autumn	IBD617-65e00	
BD516	MZBD5160	ENTREPRENEURSHIP AND INNOVATION STRATEGY	4	HOSSAIN Forhad	Autumn	IBD503-65e00	
BD525	MZBD5250	SUPPLY CHAIN MANAGEMENT	4	KHOJASTEH Yacob	Autumn	IBD610-65e00	
D51270	MEEC7191	CORPORATE FINANCE	4	KAWANISHI Satoshi	Autumn	ECN537-55e00	EC*
*Students who have taken MEEC7190 before cannot take this course.							
Development Studies Core Courses							
BD521	MZBD5210	INTERNATIONAL ECONOMICS	4	SAKANE Michiru	Spring	IBD609-65e00	
BD532	MZBD5320	ECONOMICS OF DEVELOPMENT AND POVERTY	4	FUENTES CORDOBA Gabriel	Not offered	IBD615-65e00	
Advanced Elective Courses							
BD707	MZBD7070	TOPICS IN BUSINESS AND DEVELOPMENT 1	2	LIU Simon	Spring	IBD612-65e00	
BD708	MZBD7080	TOPICS IN BUSINESS AND DEVELOPMENT 2	2	LIU Simon	Autumn	IBD613-65e00	

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*3: Only students in GPGS may take this course.
*4: Students who have taken JS510 may take this course.

Course No.	Registration Code	Course Title	Credits	Professor	Semester	Numbering	Remarks
JAPANESE STUDIES							
Foundational Courses							
JS546	MZJS5461	INTRODUCTION TO JAPANESE STUDIES	2	DROTT Edward	Spring	JST501-65e00	
Japanese Language Courses							
JS590	MZJS5901	JAPANESE LANGUAGE COURSE A	2	TOKUMARU Satoko	Spring	JST502-65e00	
JS590	MZJS590A	JAPANESE LANGUAGE COURSE A	2	TOKUMARU Satoko	Autumn	JST502-65e00	
JS591	MZJS5910	JAPANESE LANGUAGE COURSE B	2	TOKUMARU Satoko	Spring	JST503-65e00	
JS591	MZJS591B	JAPANESE LANGUAGE COURSE B	2	TOKUMARU Satoko	Autumn	JST503-65e00	
Arts and Culture							
JS505	MZJS5050	MODERN JAPANESE ART HISTORY	4	MURAI Noriko	Autumn	JST603-65e00	*1&3
JS508	MZJS5080	INTERPRETATIONS OF MODERNITY 1	2	YIU Angela	Not offered	JST605-65e00	*1
JS509	MZJS5090	INTERPRETATIONS OF MODERNITY 2	2	YIU Angela	Not offered	JST606-65e00	*1
JS518	MZJS5180	COMPARATIVE LITERATURE 1	2	KONO Shion	Autumn	JST608-65e00	*1
JS519	MZJS5190	COMPARATIVE LITERATURE 2	2	KONO Shion	Spring	JST609-65e00	*1
JS520	MZJS5200	PRE-MODERN JAPANESE LITERATURE 1	2	THOMPSON Mathew	Spring	JST610-65e00	*1
JS523	MZJS5230	PRE-MODERN JAPANESE LITERATURE 2	2	THOMPSON Mathew	Spring	JST611-65e00	*1
JS526	MZJS5260	PREMODERN JAPANESE ART HISTORY	4	CHAN Yen-Yi	Autumn	JST504-65e00	*1
JS527	MZJS5270	CONTEMPORARY JAPANESE LITERATURE 1	2	STRECHER Matthew	Spring	JST636-65e00	*1&4
JS528	MZJS5280	CONTEMPORARY JAPANESE LITERATURE 2	2	STRECHER Matthew	Autumn	JST637-65e00	*1&4
JS555	MZJS5550	FILM AND MEDIA	4	HOLTZMAN Hannah	Autumn	JST634-65e00	*1
JS556	MZJS5560	STUDIES IN JAPANESE MEDIA AND POPULAR CULTURE	4	KODAKA Maiko	Spring	JST633-65e00	*1
JS750	MZJS7500	READING IN JAPANESE SOURCES	2	NAKAI Maki	Autumn	JST622-65e00	*1
Thought and Society							
JS524	MZJS5240	RELIGION AND JAPANESE SOCIETY 1	2	DROTT Edward	Spring	JST612-65e00	*1&2
JS525	MZJS5250	RELIGION AND JAPANESE SOCIETY 2	2	DROTT Edward	Not offered	JST613-65e00	*1&2
JS532	MZJS5320	JAPANESE HISTORY	4	GRAMLICH-OKA Bettina	Spring	JST614-65e00	*1
JS534	MZJS5340	MODERN EAST ASIAN HISTORY	4	HESS Christian	Autumn	JST628-65e00	*3
JS542	MZJS5420	POPULAR CULTURE	4	FEENEY William	Autumn	JST617-65e00	
JS543	MZJS5430	URBAN SPACE STUDIES	4	GOLANI-SOLOMON Erez	Autumn	JST618-65e00	
JS547	MZJS5470	SOCIAL ISSUES IN CONTEMPORARY JAPAN	4	STAFF	Spring	JST620-65e00	
JS551	MZJS5510	JAPAN ETHNOGRAPHY	4	SLATER David	Spring	JST626-65e00	
JS535	MZJS5350	PHILOSOPHY IN JAPAN	4	FRISCHHUT Akiko	Autumn	JST629-65e00	*1
JS536	MZJS5360	MODERN JAPANESE HISTORY 1	2	SAALER Sven	Spring	JST630-65e00	*1
JS537	MZJS5370	MODERN JAPANESE HISTORY 2	2	SAALER Sven	Autumn	JST631-65e00	*1
JS554	MZJS5540	EASTERN EUROPE AND EAST ASIA IN THE TWENTIETH CENTURY II	2	KANDILAROV Evgeniy	Spring	JST635-65e00	

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*4: Students who have taken JS510 may take this course.

M.A. in Global Studies			
Course Title	Semester	Instructor	Registration Code
THESIS SEMINAR ※The first seminar will be held on Wed. 17:20-20:50 at each professor's office.	Spring	FARRER James	MZAG7901
		ITO Takeshi	MZAG7903
		ANNO Tadashi	MZAG7904
		NAKANO Koichi	MZAG7905
		BURRETT Tina	MZAG7908
		WATANABE Takehiro	MZAG7909
		MURAKAMI Tatsuo	MZAG7910
		MINAGAWA Yuka	MZAG7911
		DEGUCHI Makiko	MZAG7912
		OKITA Kiyokazu	MZAG7913
	Autumn	FARRER James	MZAG790A
		ITO Takeshi	MZAG790C
		ANNO Tadashi	MZAG790D
		NAKANO Koichi	MZAG790E
		BURRETT Tina	MZAG790H
		WATANABE Takehiro	MZAG790I
		MURAKAMI Tatsuo	MZAG790J
		MINAGAWA Yuka	MZAG790K
		DEGUCHI Makiko	MZAG790L
		OKITA Kiyokazu	MZAG790M
GRADUATION PROJECT	Spring	FARRER James	MZAG8021
		ITO Takeshi	MZAG8023
		MURAKAMI Tatsuo	MZAG8025
		ANNO Tadashi	MZAG8026
		NAKANO Koichi	MZAG8027
		BURRETT Tina	MZAG8029
		WATANABE Takehiro	MZAG8030
		MINAGAWA Yuka	MZAG8031
		DEGUCHI Makiko	MZAG8032
		OKITA Kiyokazu	MZAG8033
	Autumn	FARRER James	MZAG802N
		ITO Takeshi	MZAG802P
		MURAKAMI Tatsuo	MZAG802R
		ANNO Tadashi	MZAG802S
		NAKANO Koichi	MZAG802T
		BURRETT Tina	MZAG802V
		WATANABE Takehiro	MZAG802W
		MINAGAWA Yuka	MZAG802X
		DEGUCHI Makiko	MZAG802Y
		OKITA Kiyokazu	MZAG802Z
MASTER'S THESIS	Spring	Global Studies (AG) Coordinator	MZAG9001
	Autumn		MZAG9002

M.A. in Global Studies	
Course Title	Instructor
RESEARCH GUIDANCE ※ Non-credit but compulsory. For details, see p.60	ANNO Tadashi
	FARRER James
	NAKANO Koichi
	WATANABE Takehiro
	ITO Takeshi
	BURRETT Tina
	MURAKAMI Tatsuo
	MINAGAWA Yuka
	DEGUCHI Makiko
	OKITA Kiyokazu

M.A. in International Business and Development Studies			
Course Title	Semester	Instructor	Registration Code
	Spring	HASEBE Takuya	MZBD7902
		ISAKA Naoto	MZBD7903
		UENISHI Junko	MZBD7904
		KHOJASTEH Yacob	MZBD7905
		ASANO Akihito	MZBD7906
		SAKANE Michiru	MZBD7908
		DE MAEYER Peter	MZBD7909
		FUENTES CORDOBA Gabriel	MZBD7910
	Autumn	HASEBE Takuya	MZBD790B
		ISAKA Naoto	MZBD790C
		UENISHI Junko	MZBD790D
		KHOJASTEH Yacob	MZBD790E
		ASANO Akihito	MZBD790F
		SAKANE Michiru	MZBD790H
		DE MAEYER Peter	MZBD790I
		FUENTES CORDOBA Gabriel	MZBD790J
GRADUATION PROJECT	Spring	HASEBE Takuya	MZBD8022
		SAKANE Michiru	MZBD8023
		ISAKA Naoto	MZBD8024
		UENISHI Junko	MZBD8025
		KHOJASTEH Yacob	MZBD8026
		ASANO Akihito	MZBD8028
		DE MAEYER Peter	MZBD8029
		FUENTES CORDOBA Gabriel	MZBD8020
	Autumn	KHOJASTEH Yacob	MZBD802O
		SAKANE Michiru	MZBD802P
		ISAKA Naoto	MZBD802Q
		UENISHI Junko	MZBD802R
		HASEBE Takuya	MZBD802T
		ASANO Akihito	MZBD802U
		DE MAEYER Peter	MZBD802V
		FUENTES CORDOBA Gabriel	MZBD802W
MASTER'S THESIS	Spring	BD Coordinator	MZBD9001
	Autumn		MZBD9002

M.A. in International Business and Development Studies	
Course Title	Instructor
	ISAKA Naoto
	SAKANE Michiru
	UENISHI Junko
	KHOJASTEH Yacob
	ASANO Akihito
	HASEBE Takuya
	DE MAEYER Peter
	FUENTES CORDOBA Gabriel

M.A. in Japanese Studies			
Course Title	Semester	Instructor	Registration Code
THESIS SEMINAR ※The first seminar will be held on Wed. 17:20-20:50 at each professor's office.	Spring	DROTT Edward	MZJS7901
		THOMPSON Mathew	MZJS7902
		SAALER Sven	MZJS7903
		YIU Angela	MZJS7906
		KONO Shion	MZJS7908
		GRAMLICH-OKA Bettina	MZJS7909
		STRECHER Matthew	MZJS7910
		MURAI Noriko	MZJS7912
		HESS Christian	MZJS7914
	Autumn	DROTT Edward	MZJS790A
		THOMPSON Mathew	MZJS790B
		SAALER Sven	MZJS790C
		YIU Angela	MZJS790F
		KONO Shion	MZJS790H
		GRAMLICH-OKA Bettina	MZJS790I
		STRECHER Matthew	MZJS790J
		MURAI Noriko	MZJS790L
		HESS Christian	MZJS791A
GRADUATION PROJECT	Spring	DROTT Edward	MZJS8021
		THOMPSON Mathew	MZJS8022
		SAALER Sven	MZJS8023
		YIU Angela	MZJS8026
		KONO Shion	MZJS8028
		GRAMLICH-OKA Bettina	MZJS8029
		STRECHER Matthew	MZJS8030
		MURAI Noriko	MZJS8032
		HESS Christian	MZJS8034
	Autumn	DROTT Edward	MZJS802A
		STRECHER Matthew	MZJS802B
		MURAI Noriko	MZJS802E
		SAALER Sven	MZJS802F
		YIU Angela	MZJS802I
		THOMPSON Mathew	MZJS802J
		KONO Shion	MZJS802L
		GRAMLICH-OKA Bettina	MZJS802M
		HESS Christian	MZJS803A
MASTER'S THESIS	Spring	JS Coordinator	MZJS9001
	Autumn		MZJS9002

M.A. in Japanese Studies	
Course Title	Instructor
	YIU Angela
	GRAMLICH-OKA Bettina
	STRECHER Matthew
	DROTT Edward
	MURAI Noriko
	KONO Shion
	THOMPSON Mathew
	SAALER Sven
	HESS Christian

Double Degree Programs

Sophia University's Graduate Program in Global Studies (GPGS) offers two Double Degree Programs (DDP) that enable students to benefit from the combined resources of the two schools.

Students will typically study one year at GPGS and one year at the partner university and, after fulfilling the requirements of the two programs, receive two degrees: an M.A. from Sophia and an M.A. from the partner university.

The DDP allows students to fully utilize the resources of both schools to widen their intellectual horizons by taking classes at two leading institutions. Scholars affiliated with the two institutions will supervise the students' theses or graduation projects, enabling them to explore their studies from a variety of perspectives.

Detailed information about the application procedure is available at the GPGS office.

*MEXT students are not eligible to apply for these programs.

1. The Department of Japan and Korea, School of Oriental and African Studies, University of London (SOAS) Eligibility

Applicants must have achieved a GPA of at least 3.3 or higher (out of 4.0) in undergraduate education. Also, students will obtain entry to the DDP with SOAS based on the following TOEFL/IELTS results:
TOEFL : iBT 108 with at least 22 in each sub-score
IELTS : Overall 7 (with 6.5 in each sub-score)

Typical sequence for Sophia students participating in the DDP with SOAS

Semester	Autumn	Spring	Autumn	Spring	Autumn
Autumn entry	Sophia	Sophia	SOAS	SOAS	Sophia
Spring entry		Sophia	SOAS	SOAS	Sophia

The SOAS Japan and Korea Department offers the courses focusing on language, culture and linguistic programs related to Japan and Korea.

SOAS Japan and Korea Department
http://www.soas.ac.uk/japankorea/

2. Master of Arts in International Development Studies (MAIDS), Chulalongkorn University

Qualifications

Applicants for this program must have achieved a GPA of at least 3.3 or higher (out of 4.0) in undergraduate education. Also, students will obtain entry to the DDP with Chulalongkorn University based on the following TOEFL/IELTS results:

TOEFL : iBT 95 with at least 22 in each sub-score
IELTS : Overall 7 (with 6.5 in each sub-score)

Typical sequence for Sophia students participating in the DDP with Chulalongkorn

University

Semester	Spring	Autumn	Spring	Autumn	Spring
Spring entry (1)	Sophia	Chula*	Sophia	Sophia	
Spring entry (2)	Sophia	Sophia	Sophia	Chula*	Sophia
Autumn entry		Sophia	Sophia	Chula*	Sophia

*SU student will spend 1st&2nd trimester (August to March) at CU.

MAIDS-GRID

https://www.maids-chula.org/

PH.D. CURRICULUM [Ph.D. Degree Requirements and Schedules]

PH.D. CURRICULUM [Ph.D. Degree Requirements and Schedules]

- Ph.D in Global Studies
- Ph.D. in Japanese Studies
- Ph.D. COURSE LIST

Ph.D in Global Studies

A doctoral student begins working towards the doctoral degree upon matriculation in the GPGS. With the successful defense of the dissertation prospectus, typically in the third semester, the graduate student is considered a doctoral candidate.

The general requirements for completing the Ph.D. are a period of enrollment, and the writing and defense of a satisfactory dissertation that is subsequently accepted by the dissertation committee. For students entering from 2018, earning 6 credits from the specified number of courses is also mandatory for the attainment of the doctorate. A doctoral program consists of a combination of course seminars and individual study and research that meets the minimum requirements of the GPGS and is approved by the doctoral committee for each individual student.

Process

Step 1: Earning Credits

A doctoral student must take at least 6 credits from the specified courses in AG area during the enrollment period.

Step 2: Qualifying Exams

A doctoral student is examined for knowledge and training to research and write a dissertation. There are three kinds of qualifying exams: global studies, disciplinary, and language. The timing of the exams depends on the student's background and advisor's judgement, but they are usually taken in the first year.

Step 3: Dissertation Prospectus

Upon successful passage of the qualifying exams, a student develops a dissertation prospectus under the guidance of the advisor that is defended before the faculty.

Step 4: Research and Writing

Upon successful defense of the dissertation prospectus, the candidate is considered a doctoral candidate and embarks on researching and writing the dissertation. The candidate may choose, upon consultation with the advisor, to leave for extended fieldwork. (Students must continue to pay full tuition until satisfying the three-year minimum enrollment requirement).

Step 5: Dissertation Defense

The dissertation is submitted by the end of the semester prior to the semester in which the candidate intends to defend the dissertation, and at least four months before the intended defense date.
The Ph.D. program, which requires a three-year residency, focuses on the writing of a doctoral dissertation. The Ph.D. in Global Studies is designed for the advanced study of specific areas or locals in the context of global processes and transnational connections. While the questions and lines of inquiry in global studies are interdisciplinary, research and writing agendas emphasize methods and concepts from the disciplines of history, political science, and sociology. The degree is intended to prepare persons for academic positions in area, international, and global studies programs, or for research positions in foundations, NGOs, and companies that need advanced analysis of countries and regions in a global context.

<Research Guidance>
Course Code AG300Z

Professor	Professor
ANNO Tadashi	MURAKAMI Tatsuo
BURRETT Tina	NAKANO Koichi
DEGUCHI Makiko	OKITA Kiyokazu
FARRER James	MINAGAWA Yuka
ITO Takeshi	WATANABE Takehiro

Research Guidance will be registered every semester by the Center for Academic Affairs based on the notification of their advisors from the program office. They will be registered in late May for Spring semester and late November for Autumn semester. Students must receive passing grades at least six semesters for their Research Guidance during their residency in GPGS.

Ph.D. in Japanese Studies

A doctoral student begins working towards the degree upon matriculation in the GPGS. With the successful defense of the dissertation prospectus, the student is considered a doctoral candidate.

The general requirements for completing the Ph.D. are a period of enrollment, and the writing of a satisfactory dissertation that is defended and accepted by the dissertation evaluation committee. For students entering from 2018, earning 6 credits from the specified courses is also mandatory for the attainment of the doctorate. A doctoral program consists of individual study and research (including possible participation in graduate seminars) that meets the minimum requirements of the GPGS and is approved by the doctoral committee for each individual student.

PROCESS

Step 1: Earning Credits

A doctoral student must take at least 6 credits from the specified courses in JS area during the enrollment period.

Step 2: Qualifying Exams

A doctoral student is examined for knowledge and training to research and write a dissertation. There are three qualifying exams – Japanese Studies, Disciplinary, and Language. The timing of the exams depends on the doctoral student's background and the advisor’s judgment, but the exams are usually taken during the second or the third semesters.

Step 3: Dissertation Prospectus

Upon successful passage of the qualifying exams, a doctoral student develops a dissertation prospectus under the guidance of the advisor and defends it before the JS Ph.D. faculty.

Step 4: Research and Writing

Upon successful defense of the dissertation prospectus, the doctoral student is considered a doctoral candidate and embarks on researching and writing the dissertation. The candidate may choose, upon consultation with the supervisor, to leave for extended fieldwork. (Students must continue to pay full tuition until satisfying the three-year minimum enrollment requirement.)

Step 5: Dissertation Defense

The dissertation is submitted by the end of the semester prior to the semester in which the candidate intends to defend the dissertation, and at least four months before the intended defense date.

The doctoral course, which requires a three-year residency, focuses on the writing of a dissertation. The Ph.D. in Japanese studies is designed for the advanced study of Japan in a transnational, regional and global context. Research and writing agendas emphasize methods and concepts from the disciplines of art history, literature, history, religious studies, cultural anthropology, media studies and cultural studies. The degree prepares students for academic positions in Japanese Studies programs, and for research positions in foundations, NGOs and companies that need advanced analyses of countries and regions in global contexts.

<Research Guidance>
Course Code JS300Z

Professor	Professor
DROTT Edward	SAALER Sven
GRAMLICH-OKA Bettina	STRECHER Matthew
HESS Christian	THOMPSON Mathew
KONO Shion	YIU Angela
MURAI Noriko	

Research Guidance will be registered every semester by the Center for Academic Affairs based on the notification of their advisors from the program office. They will be registered in late May for Spring semester and late November for Autumn semester.

Ph.D. COURSE LIST

Ph.D. COURSE LIST

Course No.	Registration Code	Course Title	Credits	Professor	Semester	Numbering	Remarks
AREA-BASED GLOBAL STUDIES							
Foundational Courses							
AG727	DZAG7270	ADVANCED STUDIES IN INTRODUCTION TO GLOBAL STUDIES 1	2	Co) BURRETT Tina	Spring	GST821-65e00	
AG728	DZAG7280	ADVANCED STUDIES IN INTRODUCTION TO GLOBAL STUDIES 2	2	Co) BURRETT Tina	Autumn	GST822-65e00	
Elective Courses							
AG702	DZAG7020	ADVANCED STUDIES IN COMPARATIVE POLITICS	2	NAKANO Koichi	Not offered	GST801-65e00	
AG703	DZAG7030	ADVANCED STUDIES IN DEMOCRACY IN GLOBALIZATION	2	NAKANO Koichi	Autumn	GST802-65e00	
AG707	DZAG7070	ADVANCED STUDIES IN GLOBALIZATION AND POPULAR RELIGION	2	MURAKAMI Tatsuo	Spring	GST805-65e00	
AG710	DZAG7100	ADVANCED STUDIES IN GLOBAL HEALTH	2	MINAGAWA Yuka	Autumn	GST808-65e00	
AG712	DZAG7120	ADVANCED STUDIES IN QUANTITATIVE RESEARCH METHODS	2	MINAGAWA Yuka	Autumn	GST809-65e00	
AG717	DZAG7170	ADVANCED STUDIES IN GLOBAL POLITICS	4	ITO Takeshi	Autumn	GST813-65e00	
AG718	DZAG7180	ADVANCED STUDIES IN MEDIA AND POLITICS	4	BURRETT Tina	Not offered	GST814-65e00	
AG722	DZAG7220	ADVANCED STUDIES IN INTERNATIONAL RELATIONS THEORY	2	ANNO Tadashi	Not offered	GST817-65e00	
AG723	DZAG7230	ADVANCED STUDIES IN SOVEREIGNTY, NATIONHOOD, LIBERALISM	2	ANNO Tadashi	Not offered	GST818-65e00	
AG729	DZAG7290	ADVANCED STUDIES IN PREJUDICE AND DISCRIMINATION	2	DEGUCHI Makiko	Autumn	GST823-65e00	
AG733	DZAG7330	ADVANCED STUDIES IN EMOTION	4	OKITA Kiyokazu	Autumn	GST826-65e00	
AG735	DZAG7350	ADVANCED STUDIES IN ANTHROPOLOGY OF NATURE AND TECHNOSCIENCE	4	WATANABE Takehiro	Autumn	GST827-65e00	
AG736	DZAG7360	ADVANCED STUDIES IN URBAN ETHNOGRAPHY	4	FARRER James	Autumn	GST828-65e00	
AG737	DZAG7370	ADVANCED STUDIES IN MIGRATION AND CITIZENSHIP	4	KIM Ilju	Spring	GST829-65e00	
AG738	DZAG7380	ADVANCED STUDIES IN MEDIA, LAW, CULTURE	4	KIM Dodom	Spring	GST830-65e00	
JAPANESE STUDIES							
Foundational Courses							
JS724	DZJS7241	ADVANCED STUDIES IN INTRODUCTION TO JAPANESE STUDIES	2	DROTT Edward	Spring	JST815-65e00	
Arts and Culture							
JS706	DZJS7060	ADVANCED STUDIES IN MODERN JAPANESE ART HISTORY	4	MURAI Noriko	Autumn	JST802-65e00	*3
JS708	DZJS7080	ADVANCED STUDIES IN INTERPRETATIONS OF MODERNITY 1	2	YIU Angela	Not offered	JST804-65e00	
JS709	DZJS7090	ADVANCED STUDIES IN INTERPRETATIONS OF MODERNITY 2	2	YIU Angela	Not offered	JST805-65e00	
JS716	DZJS7160	ADVANCED STUDIES IN COMPARATIVE LITERATURE 1	2	KONO Shion	Autumn	JST807-65e00	
JS717	DZJS7170	ADVANCED STUDIES IN COMPARATIVE LITERATURE 2	2	KONO Shion	Spring	JST808-65e00	
JS718	DZJS7180	ADVANCED STUDIES IN PRE-MODERN JAPANESE LITERATURE 1	2	THOMPSON Mathew	Spring	JST809-65e00	
JS719	DZJS7190	ADVANCED STUDIES IN PRE-MODERN JAPANESE LITERATURE 2	2	THOMPSON Mathew	Spring	JST810-65e00	
JS733	DZJS7330	ADVANCED STUDIES IN PREMODERN JAPANESE ART HISTORY	4	CHAN Yen-Yi	Autumn	JST824-65e00	
JS739	DZJS7390	ADVANCED STUDIES IN FILM AND MEDIA	4	HOLTZMAN Hannah	Autumn	JST829-65e00	
JS740	DZJS7400	ADVANCED STUDIES IN JAPANESE MEDIA AND POPULAR CULTURE	4	KODAKA Maiko	Spring	JST830-65e00	
JS755	DZJS7550	ADVANCED STUDIES IN CONTEMPORARY JAPANESE LITERATURE 1	2	STRECHER Matthew	Spring	JST831-65e00	*2
JS756	DZJS7560	ADVANCED STUDIES IN CONTEMPORARY JAPANESE LITERATURE 2	2	STRECHER Matthew	Autumn	JST832-65e00	*2
Thought and Society							
JS720	DZJS7200	ADVANCED STUDIES IN JAPANESE HISTORY	4	GRAMLICH-OKA Bettina	Spring	JST811-65e00	
JS726	DZJS7260	ADVANCED STUDIES IN RELIGION AND JAPANESE SOCIETY 1	2	DROTT Edward	Spring	JST817-65e00	*1
JS727	DZJS7270	ADVANCED STUDIES IN RELIGION AND JAPANESE SOCIETY 2	2	DROTT Edward	Not offered	JST818-65e00	*1
JS730	DZJS7300	ADVANCED STUDIES IN JAPAN ETHNOGRAPHY	4	SLATER David	Spring	JST821-65e00	
JS731	DZJS7310	ADVANCED STUDIES IN MODERN EAST ASIAN HISTORY	4	HESS Christian	Autumn	JST822-65e00	
JS734	DZJS7340	ADVANCED STUDIES IN PHILOSOPHY IN JAPAN	4	FRISCHHUT Akiko	Autumn	JST823-65e00	
JS735	DZJS7350	ADVANCED STUDIES IN MODERN JAPANESE HISTORY 1	2	SAALER Sven	Spring	JST825-65e00	
JS736	DZJS7360	ADVANCED STUDIES IN MODERN JAPANESE HISTORY 2	2	SAALER Sven	Autumn	JST826-65e00	
JS738	DZJS7380	ADVANCED STUDIES IN EASTERN EUROPE AND EAST ASIA IN THE TWENTIETH CENTURY II	2	KANDILAROV Evgeniy	Spring	JST828-65e00	

Any changes in course schedules will be announced on the Class Bulletin Board on My Sophia. Please check carefully before registration.
Co) : Coordinator
*1 : JS726 and JS727 must be taken together in the same semester.
*2 : Students who have taken JS714 may take this course.

Graduate Program in Science and Technology

Graduate Program in Science and Technology

- Education and Research Objectives and Human Resource Development Objectives
- Diploma Policy
- Curriculum Policy
- GRADUATE PROGRAM IN SCIENCEAND TECHNOLOGY OVERVIEW
- M.S. CURRICULUM [M.S. in Green Science and Engineering Division]
- Ph.D. CURRICULUM [Ph.D. in Green Science and Engineering Division]

Education and Research Objectives and Human Resource Development Objectives

The Graduate School of Science and Technology aims to achieve a distinctive combination of expertise that contributes to advancements in various contemporary fields of science and technology, and interdisciplinary strategies for comprehending impacts on human society and the global environment. The Pre-Doctoral Program, which is designed for continuity with the undergraduate curriculum, cultivates knowledgeable individuals equipped with both “multiple intelligence” and specialized skills and are capable of contributing to society and humanity. The Doctoral Program aims to produce researchers capable of undertaking research in their fields of specialization independently.

Diploma Policy

[Master's Program in Science and Technology]

With an aim to foster human resources who have the expertise to contribute to the advancement of the various disciplines of modern science and technology disciplines as well as the interdisciplinary competence to comprehensively understand their impacts on human society and the global environment, and can thus contribute to human society, the Master's Program in Science and Technology sets standards for the skills and knowledge students should acquire before graduation as described below: Those who fulfill the requirements and pass their thesis defense shall be deemed to have acquired these qualities and will be awarded a diploma.

1. The ability to multidimensionally understand the impact that technology has on human society or the global environment through extensive learning, including interdisciplinary fields covering the natural or social sciences outside one's field.
2. The ability to acquire expertise that enables one to play an active role at the forefront of science and engineering and associated fields as well as to develop new technologies and explore new fields.
3. A level of English proficiency that enables high performance in society and accommodates further developments in globalization.
4. The competency to put together a master's thesis that has academic value with appropriate structure and logical consistency on the research subject of one's field.

[Doctoral Program in Science and Technology]

With an aim to foster human resources who have the expertise to contribute to the advancement of the various disciplines of modern science and technology disciplines as well as the interdisciplinary competence to comprehensively understand the associated impacts on human society and the global environment, and can thus conduct research and development independently in their field of expertise, the Master's Program in Science and Technology sets standards for the skills and knowledge students should acquire before graduation as described below: Those who fulfill the requirements and pass their thesis defense shall be deemed to have acquired these qualities and will be awarded a diploma.

1. The ability to multidimensionally understand the impacts that technology has on human society or the global environment through extensive learning, including associated interdisciplinary fields outside one's field.
2. The ability to acquire expertise that enables one to independently play an active role at the forefront of Science and Engineering and associated fields as well as to creatively conduct research and development that will contribute to human evolution and wellbeing.
3. A level of English proficiency that enables one to stand on the forefront of globalization and independently lead international society.
4. The competency to conduct highly specialized and original research in and around one's field and put together a doctoral thesis with high academic value that can contribute to the specialized field.

[Green Science and Engineering Division (Master's Program)]

Green Science and Engineering Division (Master's Program) aims to foster human resources who can contribute to the further development of Global Environmental Sciences, Engineering and associated disciplines and use their expertise to contribute to the development of human society and global environmental conservation. With a view to this aim, the program sets standards for the skills and knowledge students should acquire before graduation as described below. Those who have fulfilled the requirements and have passed the thesis defense will be awarded a diploma.

1. The ability to multidimensionally identify how technology can impact human society and the global environment, acquired by studying a wide range of disciplines, including natural science disciplines beyond one's disciplinary specialty or interdisciplinary fields covering the social sciences.
2. Acquisition of expertise that will lead to leadership in cutting-edge research and development in Global Environmental Sciences, Engineering and associated disciplines, and the ability to develop new technologies and explore new fields.
3. In order to accommodate globalization, a level of English proficiency that enables high social performance as well as the ability to understand connections with local communities and society.
4. The competency to clearly understand the positioning of one's own research in light of prior researches, analyze the research findings with the right methodologies, and write academic papers and a master's thesis that objectively describe the value of the research findings.

[Green Science and Engineering Division (Doctoral Program)]

The Green Science and Engineering Division (Doctoral Program) aims to foster human resources who have acquired high expertise in Global Environmental Sciences and Engineering as well as interdisciplinary abilities that enables the identification of impacts on human society and the global environment in a comprehensive manner and who can independently carry out research and development. With a view to this aim, the program sets standards for the skills and knowledge students should acquire before graduation as described below. Those who have fulfilled the requirements and have passed the thesis defense will be awarded a diploma.

1. The ability to multidimensionally identify how technology can affect human society and the global environment, acquired by studying not only one's disciplinary specialty, but also a wide range of disciplines, including associated interdisciplinary fields.
2. The acquisition of expertise to independently lead Global Environmental Sciences, engineering and associated disciplines and the ability to engage in creative research and development that will contribute to human development and wellbeing.
3. Research capabilities and communication skills of a level capable of leading globalization and independently playing an active role in international society.
4. The competency to clearly understand the positioning of one's own research in light of prior researches, analyze the research findings with the right methodologies, and write academic papers and a doctoral thesis that objectively describe the value of the research findings.

Curriculum Policy

[Master's Program in Science and Technology]

In accordance with the diploma policy, the Master's Program in Science and Technology organizes its curriculum in "divisions" representing the conventional academic frameworks, thus maintaining consistency with undergraduate education; and with an aim to foster expertise accompanied by integrated knowledge covering various disciplines the Program constructs its curriculum with courses aligned to the following purposes.

1. Have students acquire knowledge of a broad range of disciplines beyond their expertise by taking courses outside one's expertise and General Science and Technology courses available across the Graduate School of Science and Technology.
2. Have students take courses offered in their own division and acquire expertise. Let them acquire profound expertise regarding their theme and related areas and teach them how to develop and compile research as well as research ethics.
3. Have students improve their English proficiency levels by taking English-taught courses or courses using English Science and Technology jargon, presenting research outcomes in English and writing papers in English.
4. The `Master's Program in Science and Technology sets up 9 "divisions": Mechanical Engineering, Electrical and Electronics Engineering, Applied Chemistry, Chemistry, Mathematics, Physics, Biological Science, Information Science and Green Science and Engineering.

[Doctoral Program in Science and Technology]

In accordance with the diploma policy, with an aim to foster the sophisticated expertise called for in taking international leadership by offering more than one English-taught Literature Reading Course or Seminar per week, in addition to daily research guidance provided by the Doctoral Program in Science and Technology constructs its curriculum with courses aligned to the following purposes.

1. Have students take Seminars and receive research guidance frequently with an aim to acquire the high-level expertise and a broad range of knowledge of related areas; and thus foster the ability to individually conduct research and development.
2. Have students acquire a broad range of knowledge of interdisciplinary areas beyond ones expertise by reading academic papers and practical guides in such areas.
3. Have students concentrate on their research while receiving research guidance in their expertise faculty members, acquire profound expertise on this and surrounding themes, and learn how to develop and compile research as well as research ethics. Have students submit their dissertation as a culmination of their research.
4. Have students improve their English proficiency levels by presenting their research outcome in English in Japan and abroad, writing and submitting academic papers in English and conducting research at overseas institutions as required.
5. The `Master's Program in Science and Technology sets up 9 Divisions and at the same time constructs a curriculum that also takes expertise into consideration:Mechanical Engineering, Electrical and Electronics Engineering, Applied Chemistry, Chemistry, Mathematics, Physics, Biological Science, Information Science and Green Science and Engineering

[Green Science and Engineering Division (Master's Program)]

The Green Science and Engineering Division (Master's Program) seeks to cultivate the ability to contribute to the further development of global environmental sciences, engineering and associated disciplines, as well as to the development of human society and global environment conservation, by

having students take courses in Green Science, Green Engineering and other divisions and receive research guidance.

1. Students will take courses in divisions other than Green Science and Green Engineering as well as general science and engineering courses to acquire broad knowledge of disciplines other than their disciplinary specialty.
2. Students will take courses offered by the Green Science and Green Engineering Divisions to acquire expertise in these disciplines. Furthermore, they will conduct research on a specific theme; and therefore acquire profound professional knowledge of their theme in a broad context and learn about research procedures, organization and ethics.
3. All courses will be offered in English and students will improve their scientific English proficiency through presentation of their research and submission to academic journals.

[Green Science and Engineering Division (Doctoral Program)]

The Green Science and Engineering Division (Doctoral Program) seeks to cultivate the ability to conduct research independently based on high expertise in global environmental sciences and engineering and broad knowledge of associated disciplines, by having students take Seminars and receive research guidance.

1. Students will read academic papers and commentaries in interdisciplinary fields other than global environmental science and engineering to acquire broad knowledge of these disciplines.
2. Students will conduct intensive research supported by research guidance provided by faculty; and therefore acquire profound professional knowledge of their theme in a broad context, learn about research procedures, organization and ethics, and submit their dissertation as a culmination of their research.
3. Students will present their research outcomes in Japan and overseas in English, compile and submit academic papers in English, and conduct research at overseas institutions as required; and therefore, they will actively improve their communication skills.

Note:
The English translation is provided for information. The original Japanese version remains the sole official version. If there is any discrepancy between the two versions, the Japanese original should take precedence.

GRADUATE PROGRAM IN SCIENCE AND TECHNOLOGY OVERVIEW

The Graduate Program in Science and Technology (GPST) has one interdisciplinary graduate program with nine divisions.
The interdisciplinary graduate program aims to be both specialized, to bring to light new scientific information and technological developments in all the academic divisions, and interdisciplinary, to foster a common regard for their effects of such developments on humankind, the society, and the global environment.
The first stage of the program is designed to maintain consistency with undergraduate instruction by combining cross-disciplinary knowledge and specialty with the objective of cultivating highly educated individuals who can contribute to the well-being of humankind and the society. The second stage of the program aims to produce researchers who can execute independent research in one or more academic fields.

Green Science and Engineering Division

The Green Science and Engineering Division is a new division, that was established in 2013. It occupies a special position among the nine divisions of the Graduate Program in Science and Technology.
First of all, the entire educational program, including lectures and research guidance, is conducted in English. In addition, emphasis is given to environment and sustainability-related studies, which are vital to the future of humankind.
To foster cross-disciplinary education, faculty members from the eight divisions (Mechanical Engineering, Electrical and Electronics Engineering, Applied Chemistry, Chemistry, Mathematics, Physics, Biological Science, Information Science) will be involved in teaching and research guidance. At the same time, by joining the research group of the faculty member of their choice, students can receive research guidance and pursue much more advanced research work.

1. Degrees

Master of Science in Green Science and Engineering or Doctor of Philosophy in Green Science and Engineering will be awarded after completion of each program. They are all accredited by the Ministry of Education, Culture, Sports, Science and Technology in Japan (MEXT).

2. Courses and number of credits required for completion depend on year of admission and matters related to registration

The courses and the number of credits required for completion vary depending on the year of admission. Please confirm your year of admission and courses as well as the number of credits required.
Prepare a course plan under the guidance of your supervisor prior to registering for a course. You are required to prepare and submit a “Research Proposal” every year as necessitated by the Division under the guidance of your research supervisor. With regard to the format, due date, etc., please follow the guidelines provided by the Division.

3. Courses related to law and humanities for students in the Graduate School of Science and Technology

In accordance with the rules of the Graduate School of Sophia University, students are allowed to transfer up to 8 credits of classes obtained in other graduate schools of Sophia University deemed beneficial to their education and research by instructors to the required credits in their own schools. Courses with such transferable credits include law and humanities courses (including courses on Christian world view). Completion of these courses is recommended because recent rapid progress in science and technology has significantly affected various aspects of human life and has required

students to acquire knowledge on various fields in addition to expertise as scientists and engineers. See Academic Services>5.Course Registration>5-2. Course Registration for Graduate Students, for necessary procedures.

4. To register for「分野横断型研究法：原理と技法」

This is a lottery course, please follow the necessary registration process explained on「2025 年度履修要覧［ガイド・資料編］」＞Ⅱ．教務＞5.履修登録＞5-1.学部における履修登録

5. Transfer of credit from other universities

In accordance with the rules of the Graduate School of Sophia University, students are allowed to transfer up to 10 credits from a student's previous work as a graduate student. Please note that transfer of such credit must be approved by the faculty of the GPST.

6. Submission of Master's Thesis

Registration for Master's Thesis: Registration must be done through Loyola during the registration period of the intended semester of graduation.

Deadline of submission: June 25 (Fri), 2025
Place to submit: Supervisor

7. Early Graduation

Students who wish to graduate early (e.g. in 2 or 3 semesters) can apply for Early Graduation if they are in good academic standing by the judgment of the faculty and satisfy the requirements.
A. Submit an "Early Graduation Request" form.
B. Complete at least 30 credits of courses from the GPST curriculum by the time of graduation.
"Application for Early Graduation" forms are available in the GPST office.
Students should submit the proposal form to their supervisor and chairperson of division one year before graduating.

Please consult the supervisor.

M.S. CURRICULUM [M.S. in Green Science and Engineering Division]

M.S. CURRICULUM [M.S. in Green Science and Engineering Division]

1. Instruction

1）To be eligible to receive a master's degree, students must complete at least 30 credits of coursework, submit a master's thesis, and pass oral and written exams. The required credits are as follows.

Compulsory elective courses: 2 credits
Elective courses: 28 credits

The elective courses should consist of the following.

（1）18 credits from courses provided by Green Science and Engineering Division
（2）4 credits from courses provided by other divisions of the School in Science and Technology or general courses of the Graduate School in Science and Technology (excluding basic courses of the Graduate School of Science and Technology)
（3）6 credits from any of the following courses: courses provided by Green Science and Engineering Division, courses provided by other divisions, basic courses, and general courses of the Graduate School in Science and Technology

*When students earn more than 2 cr. from the courses provided as "Master's Thesis Tutorial and Exercise" (Compulsory elective courses), students may include the credits into the 6 credits described in (3).
*Courses provided by other Graduate schools (maximum 8 credits), approved by the supervisor, maybe included in the 18 credits in (1) above. However, only for cross-disciplinary graduate course「分野横断研究法：原理と技法」will be included in the "General courses of the Graduate School in Science and Technology" instead of (1).
*In principle, "Master's Thesis Tutorial and Exercise" and "Seminar" should be completed in the order of 1A, 1B, 2A, and 2B.
*Only for courses overseen by the student's supervisor, the student is allowed to count credits from seminars provided by other divisions as seminars provided by his/her division after completing the required procedure. For details of this procedure, please contact the office of Green Science and Engineering Division.

（4）Students are allowed to count credits from auditing of other university under auditing agreement as courses provided by Green Science and Engineering Division.

2）Students must also take the Thesis Guidance (Compulsory) each semester.

3）Students must submit " Research Proposal（研究計画書）"to the Division Chair by approximately middle of October in consultation with their own supervisors in the beginning of every autumn semester.

2. Requirements for Courses, Credits, Number of courses

【Graduation Requirement】

See the attached file.

【GPST】
Requirements for Courses, Credits, Number of courses

Core curriculum	Credits	Number of courses	Notes
Total credits	**30**		
Compulsory elective courses	**2**		
- Master's Thesis Tutorial and Exercise 1A	1		
- Master's Thesis Tutorial and Exercise 1B	1		
- Master's Thesis Tutorial and Exercise 2A	1		
- Master's Thesis Tutorial and Exercise 2B	1		
Elective courses	**28**		
- Courses provided by Green Science and Engineering division	18		*1, *2
- Courses provided by other divisions of the School in Science and Technology	4		*3
- Any courses provided by the School in Science and Technology	6		*4
Thesis Guidance (Compulsory)		4	*5
Master's Thesis			*6

*1 Only for courses overseen by the student's supervisor, the student is allowed to count credits of seminars provided by other divisions as seminars provided by his/her division after completing the required procedure.
*2 Courses taken at UNU may also be included with an approval from the Director.
*3 Basic courses of the Graduate School in Science and Technology are excluded. General courses of the School in Science and Technology are included.
*4 Any courses including Basic and General courses of the Graduate School in Science and Technology.
*5 No credits given. Automatically registered every semester. Students must recieve passing grades at least 4 semesters.
*6 Students must take the Thesis Guidance course and pass oral and written exams of their master's thesis (please register for this course within the registration period of the semester during which you will submit a master's thesis).

Note: Up to 10 credits from the following programs may be included into the graduation requirement.
1) Credits from graduate courses taken as a graduate student in a university (pre-matriculation credits)
2) Credits taken under the Graduate School Pre-admission Course Enrollment System at Sophia
3) Credits received as a special auditing student (such as UNU)
4) Credits transfer from a study abroad

【Research Guidance Schedule】

Year	Article	Deadline	Remarks
M1	Submission of Research Proposal	Mid. October	Submit every academic year.
	Submission of Research Report	Follow the supervisor's instructions.	Follow the supervisor's instructions.
M2	Submission of Research Proposal	Mid. October	Submit every academic year.
	Registration of Master's Thesis	Beg. - Mid. April	Register through Loyola, during the course registration period of the semester you wishto submit your Thesis.
	Master's Thesis Midterm Presentation	Follow the supervisor's instructions	Follow the supervisor's instructions
	Submission of Abstract of Master's Thesis Presentation	Follow the supervisor's instructions	Follow the supervisor's instructions
	Submission ofMaster's Thesis	Late June	Students graduating in AY2025 September:June 25th, 2025
	Master's Thesis Presentation(Thesis review / OralExam)	Follow the supervisor's instructions	Follow the supervisor's instructions

*Follow your supervisor's instruction for documents and deadlines for thesis submission.
*If you wish to graduate in March, the above dates will alter. Consult with your supervisor for the schedule.

【Master's Thesis Evaluation Criteria】

In order to grasp the competencies required of applicants described in the Diploma Policy, a submitted thesis will be evaluated in accordance with the following criteria and evaluation points:

1. An evaluation will be conducted on the submitted thesis to determine whether the applicant has research competency in his/her area of specialization.
2. In the evaluation, attention will be given to the content, structure, and expressions of the thesis. Among others, reviewed are whether previous studies are adequately referenced and specified, quotes are accurately included, and data are properly processed.
3. An oral examination will be conducted on an extensive range of related subjects centering on the thesis to determine whether the applicant has gained precise and in- depth scholarly knowledge from a broad perspective.
4. As regards foreign languages, we may specify one foreign language as the mandatory one and require the applicant to take a written examination. However, if the applicant is deemed to have adequate foreign language ability that would justify their earning a degree, they may be exempted from taking the whole or part of the examination. The criteria for exemption will have to be confirmed with the division to which the applicant belongs.

3. Course Structure and Credits

See the attached file.

Course Structure and Credits

<Basic Courses of the School in Science and Technology>

Course Title	Credits		
	Compulsory	Compulsory elective	Elective
Master's Thesis Tutorial and Exercise 1A *1		1	
Master's Thesis Tutorial and Exercise 1B *1		1	
Master's Thesis Tutorial and Exercise 2A *1		1	
Master's Thesis Tutorial and Exercise 2B *1		1	
English for Science/Engineering A			2
English for Science/Engineering B			2

*1 Master's Thesis Tutorial and Exercise 1A and 2A, 1B and 2B are consolidated.

<General Courses of the Graduate School in Science and Technology>

Course Title	Credits		
	Compulsory	Compulsory elective	Elective
Global Environment Outlook *1			2
Environmental Planning *1			2
Environmental Assessment *1			2
Environmental Ecology *1			2
Ecological Risk Assessment of Pollutants *1			2

*1 Courses offered by the Graduate School in Global Environmental Studies. These courses can be treated as courses provided by the Graduate School in Science and Technology.

< Green Science and Engineering Division>

Course Title	Credits		
	Compulsory	Compulsory elective	Elective
Green Science and Engineering（Mechanical Engineering）			1
Green Science and Engineering（Electrical and Electronics Engineering）*2			1
Green Science and Engineering（Applied Chemistry）			1
Green Science and Engineering（Chemistry）			1
Green Science and Engineering（Mathematics）			1
Green Science and Engineering（Physics）			1
Green Science and Engineering（Bioscience）*2			1
Green Science and Engineering（Information Science）*2			1
Artificial Intelligence			2
Advanced Mechanical Engineering 1			2
Advanced Mechanical Engineering 2			2
Advanced Electrical and Electronics Engineering 1			2
Advanced Electrical and Electronics Engineering 2			2
Environmental Chemistry			2
Advanced Materials *3			2
Computational Chemistry			2
Organic Chemistry and Natural Products *2,3			2
Differential Equations for Natural Phenomena			2
Statistical Data Analysis			2
Introduction to Subatomic Physics			2

< **Green Science and Engineering Division>**

Course Title	Credits		
	Compulsory	Compulsory elective	Elective
Introduction to Superconductivity			2
Environmental Basic Biology			2
Environmental Life Science			2
Computer Science			2
Applied Computer Science			2
Seminar in Green Science and Engineering 1A *1			2
Seminar in Green Science and Engineering 1B *1			2
Seminar in Green Science and Engineering 2A *1			2
Seminar in Green Science and Engineering 2B *1			2
APPLIED ATOMIC AND MOLECULAR PHYSICS *4			2

*1 Seminar in Green Science and Engineering 1A and 2A, 1B and 2B are consolidated.

*2 The course title is changed. Regarded as identical courses. The students may only take one of the two courses.

Previous Course Title (Cr.)	New Course Title (Cr.)
Green Science and Engineering 3 (2) (～2022)	(2023～) Green Science and Engineering (Bioscience) (1)
	(2023～) Green Science and Engineering (Information Science) (1)
Supramolecular Analytical Chemistry (2) (～2023)	(2024～) Organic Chemistry and Natural Products (2)

*3 Although the language of instruction for the following courses are different, courses listed here are regarded as identical courses. The students may only take one of the two courses.

Course Title (Cr.)	Course offered by other divisions ※(Cr.)	Remarks(Division)
Advanced Materials (2)	光機能材料特論 (2)	応用化学領域
Organic Chemistry and Natural Products (2) (2024～)	天然物化学特論 (2)	化学領域

※ Please see the Bulletin of Information- Japanese version, 「2025年度大学院履修要覧」.

*4 This course is counted for “Green Science and Engineering Division” while it is offered by Physics Division. For details, please see the syllabus.

4. List of Courses

List of Courses

<Basic Courses of the School in Science and Technology>

Basically, Master's Thesis Tutorial and Exercise 1A and 2A, 1B and 2B are consolidated.

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Division	Notes
MSCT523E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	ADACHI Tadashi	Green Science and Engineering	
MSCT524E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT525E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT526E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT700E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	ARAI Takayuki	Green Science and Engineering	
MSCT701E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT702E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT703E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT627E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	BANDAI Masaki	Green Science and Engineering	
MSCT628E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT629E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT630E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT710E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	CAO Wenjing	Green Science and Engineering	
MSCT711E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT712E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT713E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT559E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	DZIEMINSKA Edyta	Green Science and Engineering	
MSCT560E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT561E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT562E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT551E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	EMA Kazuhiro	Green Science and Engineering	
MSCT552E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT553E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT554E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT655E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	FUJITA Masahiro	Green Science and Engineering	
MSCT656E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT657E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT658E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT615E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	FUYUTSUKI Seba	Green Science and Engineering	
MSCT616E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT617E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT618E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT599E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	GONSALVES Tad	Green Science and Engineering	
MSCT600E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT601E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT602E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT515E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	HASHIMOTO Takeshi	Green Science and Engineering	
MSCT516E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT517E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT518E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT663E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	HIRANO Tetsufumi	Green Science and Engineering	
MSCT664E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT665E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT666E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT535E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	HORIKOSHI Satoshi	Green Science and Engineering	
MSCT536E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT537E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT538E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT579E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	ICHIYANAGI Mitsuhisa	Green Science and Engineering	
MSCT580E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT581E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT582E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT519E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	IROHARA Takashi	Green Science and Engineering	
MSCT520E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT521E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT522E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT675E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	KAWABATA Ryo	Green Science and Engineering	
MSCT676E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT677E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT678E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT679E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	KAWAGUCHI Mari	Green Science and Engineering	
MSCT680E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT681E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT682E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT547E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	KIKAWADA Yoshikazu	Green Science and Engineering	
MSCT548E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT549E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT550E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Division	Notes
MSCT575E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	MIYAMOTO Yuichiro	Green Science and Engineering	
MSCT576E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT577E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT578E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT531E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	MIYATAKE Masafumi	Green Science and Engineering	
MSCT532E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT533E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT534E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT567E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	NAKAOKA Toshihiro	Green Science and Engineering	
MSCT568E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT569E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT570E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT539E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	NAKASHIMA Toshiki	Green Science and Engineering	
MSCT540E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT541E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT542E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT659E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	NANBU Shinkoh	Green Science and Engineering	
MSCT660E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT661E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT662E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT667E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	NIIKURA Takako	Green Science and Engineering	
MSCT668E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT669E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT670E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT607E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	OGAWA Masakatsu	Green Science and Engineering	
MSCT608E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT609E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT610E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT543E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	RIKUKAWA Masahiro	Green Science and Engineering	
MSCT544E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT545E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT546E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT555E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SAITO Tamao	Green Science and Engineering	
MSCT556E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT557E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT558E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT511E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SAKAMOTO Orie	Green Science and Engineering	
MSCT512E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT513E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT514E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT671E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SHIBUYA Tomoharu	Green Science and Engineering	
MSCT672E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT673E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT674E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT611E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SHIMOMURA Kazuhiko	Green Science and Engineering	
MSCT612E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT613E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT614E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT694E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SUMI Chikayoshi	Green Science and Engineering	
MSCT695E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT696E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT697E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT647E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SUZUKI Nobuhiro	Green Science and Engineering	
MSCT648E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT649E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT650E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT527E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SUZUKI Takashi	Green Science and Engineering	
MSCT528E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT529E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT530E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT595E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	SUZUKI Yumiko	Green Science and Engineering	
MSCT596E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT597E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT598E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT603E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TAKAI Kenichi	Green Science and Engineering	
MSCT604E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT605E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT606E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Division	Notes
MSCT631E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TAKAOKA Eiko	Green Science and Engineering	
MSCT632E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT633E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT634E	SCT612-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT587E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TAKEHARA Shoichiro	Green Science and Engineering	
MSCT588E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT589E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT590E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT643E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TAKEOKA Yuko	Green Science and Engineering	
MSCT644E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT645E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT646E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT563E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TANAKA Hidetake	Green Science and Engineering	
MSCT564E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT565E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT566E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT591E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	TERUMICHI Yoshiaki	Green Science and Engineering	
MSCT592E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT593E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT594E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT571E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	USUKI Toyonobu	Green Science and Engineering	
MSCT572E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT573E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT574E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT690E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	YAGAI Tsuyoshi	Green Science and Engineering	
MSCT691E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT692E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT693E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT635E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	YAIRI Ikuko	Green Science and Engineering	
MSCT636E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT637E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT638E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT639E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	YAMANAKA Takao	Green Science and Engineering	
MSCT640E	SCT512-75e00	Spring	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT641E	SCT611-75e00	Autumn	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT642E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT651E	SCT511-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1A	1	YAMASHITA Haruka	Green Science and Engineering	
MSCT652E	SCT512-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 1B	1			
MSCT653E	SCT611-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2A	1			
MSCT654E	SCT612-75e00	Not offered	MASTER'S THESIS TUTORIAL AND EXERCISE 2B	1			
MSCT7025	SCT513-75e00	Spring	English for Science/Engineering A	2	DZIEMINSKA Edyta	-	
MSCT7045	SCT514-75e00	Autumn	English for Science/Engineering B	2	TRIHAN Fabien	-	

<Master's Thesis List>

Registration Code	Course Numbering	Semseter	Course Title	Instructor's Name	Division	Notes
MSCT900E	SCT614-75e00	Spring	MASTER'S THESIS	Supervisor	Green Science and Engineering	
MSCT910E	SCT614-75e00	Autumn	MASTER'S THESIS	Supervisor	Green Science and Engineering	

<General Courses of the Graduate School in Science and Technology>

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Notes
MGGE7650	ENV634-94e00	Spring	GLOBAL ENVIRONMENT OUTLOOK	2	HUANG Guangwei	*1
MGGE7750	ENV640-94e00	Spring	ENVIRONMENTAL PLANNING	2	HUANG Guangwei	*1
MGGE7770	ENV641-94e00	Autumn	ENVIRONMENTAL ASSESSMENT	2	HUANG Guangwei	*1
MGGE7820	ENV651-94e00	Spring	ENVIRONMENTAL ECOLOGY	2	TANAKA Yoshinari	*1
MGGE7830	ENV652-94e00	Autumn	ECOLOGICAL RISK ASSESSMENT OF POLLUTANTS	2	TANAKA Yoshinari	*1

*1 Courses offered by the Graduate School in Global Environmental Studies. These courses can be treated as courses provided by the Graduate School in Science and Technology

<Green Science and Engineering Division>

Basically, Seminar in Green Science and Engineering 1A and 2A, 1B and 2B are consolidated.

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Notes
MSGR7011	MEC515-75e00	4Q	GREEN SCIENCE AND ENGINEERING (MECHANICAL ENGINEERING)	1	SUZUKI Takashi/ Others	☆
MSGR7012	EEE513-75e00	1Q	GREEN SCIENCE AND ENGINEERING (ELECTRICAL AND ELECTRONICS ENGINEERING)	1	MIYATAKE Masafumi	☆
MSGR7013	ACH505-75e00	Not offered	GREEN SCIENCE AND ENGINEERING (APPLIED CHEMISTRY)	1		☆
MSGR7014	CHM501-75e00	Not offered	GREEN SCIENCE AND ENGINEERING (CHEMISTRY)	1		☆
MSGR7250	MTH523-75e00	2Q	GREEN SCIENCE AND ENGINEERING (MATHEMATICS)	1	NAKASUJI Maki/ Others	☆
MSGR7016	PHY501-75e00	3Q	GREEN SCIENCE AND ENGINEERING (PHYSICS)	1	HIRANO Tetsufumi/ Others	☆
MSGR7017	BIO505-75e00	1Q	GREEN SCIENCE AND ENGINEERING (BIOSCIENCE)	1	VILLAREAL, Myra O.	☆,*1
MSGR7018	INF508-75e00	Not offered	GREEN SCIENCE AND ENGINEERING (INFORMATION SCIENCE)	1		☆,*1
MSGR7046	INF505-75e00	Not offered	ARTIFICIAL INTELLIGENCE	2		☆
MSGR7050	MEC503-75e00	Autumn	ADVANCED MECHANICAL ENGINEERING 1	2	NAGASHIMA Toshio / Others	☆
MSGR7060	MEC504-75e00	Not offered	ADVANCED MECHANICAL ENGINEERING 2	2		☆
MSGR7070	EEE511-75e00	Autumn	ADVANCED ELECTRICAL AND ELECTRONICS ENGINEERIN	2	Kong Deshi	☆
MSGR7080	EEE512-75e00	Not offered	ADVANCED ELECTRICAL AND ELECTRONICS ENGINEERIN	2		☆
MSGR7090	ACH503-75e00	Autumn	ENVIRONMENTAL CHEMISTRY	2	HORIKOSHI Satoshi	☆
MSGR7100	ACH504-75e00	Not offered	ADVANCED MATERIALS	2		☆,*2
MSGR7220	GSE575-75e00	Autumn	COMPUTATIONAL CHEMISTRY	2	NANBU Shinkoh	☆
MSGR7270	GSE510-75e00	Not offered	ORGANIC CHEMISTRY AND NATURAL PRODUCTS	2		☆,*1,2
MSGR7130	MTH505-75e00	Autumn	DIFFERENTIAL EQUATIONS FOR NATURAL PHENOMENA	2	NAKASUJI Maki	☆
MSGR7260	MTH506-75e00	Not offered	STATISTICAL DATA ANALYSIS	2		☆
MSGR7240	GSE511-75e00	Not offered	INTRODUCTION TO SUBATOMIC PHYSICS	2		☆
MSGR7210	GRE620-75e00	Autumn	INTRODUCTION TO SUPERCONDUCTIVITY	2	MARRA Pasquale	
MSGR7170	BIO503-75e00	Not offered	ENVIRONMENTAL BASIC BIOLOGY	2		☆
MSGR7180	BIO504-75e00	Spring	ENVIRONMENTAL LIFE SCIENCE	2	VILLAREAL, Myra O.	☆
MSGR7190	INF506-75e00	Not offered	COMPUTER SCIENCE	2		☆
MSGR7200	INF507-75e00	Spring	APPLIED COMPUTER SCIENCE	2	Co) SUMI Chikayoshi/ Others	☆
MSGR1071	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	ADACHI Tadashi	
MSGR1072	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR1073	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR1074	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1881	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	ARAI Takayuki	
MSGR1892	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2883	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2894	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1591	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	BANDAI Masaki	
MSGR1602	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2593	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2604	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1891	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	CAO Wenjing	
MSGR1902	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2893	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2904	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1251	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	DZIEMINSKA Edyta	
MSGR1262	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2253	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2264	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1211	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	EMA Kazuhiro	
MSGR1222	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2213	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2224	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1731	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	FUJITA Masahiro	
MSGR1742	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2733	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2744	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1531	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	FUYUTSUKI Seba	
MSGR1542	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2533	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2544	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Notes
MSGR1451	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	GONSALVES Tad	
MSGR1462	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2453	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2464	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1031	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	HASHIMOTO Takeshi	
MSGR1042	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2033	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2044	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1771	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	HIRANO Tetsufumi	
MSGR1782	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2773	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2784	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1131	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	HORIKOSHI Satoshi	
MSGR1142	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2133	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2144	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1351	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	ICHIYANAGI Mitsuhisa	
MSGR1362	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2353	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2364	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1051	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	IROHARA Takashi	
MSGR1062	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2053	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2064	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1831	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	KAWABATA Ryo	
MSGR1842	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2833	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2844	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1851	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	KAWAGUCHI Mari	
MSGR1862	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2853	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2864	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1191	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	KIKAWADA Yoshikazu	
MSGR1202	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2193	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2204	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1331	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	MIYAMOTO Yuichiro	
MSGR1342	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2333	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2344	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1111	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	MIYATAKE Masafumi	
MSGR1122	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2113	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2124	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1291	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	NAKAOKA Toshihiro	
MSGR1302	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2293	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2304	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1151	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	NAKASHIMA Toshiki	
MSGR1162	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2153	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2164	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1751	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	NANBU Shinkoh	
MSGR1762	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2753	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2764	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1791	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	NIIKURA Takako	
MSGR1802	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2793	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2804	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1491	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	OGAWA Masakatsu	
MSGR1502	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2493	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2504	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1171	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	RIKUKAWA Masahiro	
MSGR1182	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2173	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2184	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Notes
MSGR1231	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SAITO Tamao	
MSGR1242	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2233	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2244	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1011	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SAKAMOTO Orie	
MSGR1022	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2013	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2024	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1811	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SHIBUYA Tomoharu	
MSGR1822	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2813	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2824	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1511	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SHIMOMURA Kazuhiko	
MSGR1522	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2513	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2524	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1371	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SUMI Chikayoshi	
MSGR1382	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2373	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2384	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1691	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SUZUKI Nobuhiro	
MSGR1702	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2693	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2704	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1091	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SUZUKI Takashi	
MSGR1102	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2093	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2104	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1431	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	SUZUKI Yumiko	
MSGR1442	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2433	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2444	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1471	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TAKAI Kenichi	
MSGR1482	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2473	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2484	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1611	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TAKAOKA Eiko	
MSGR1622	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2613	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2624	GSE602-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1391	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TAKEHARA Shoichiro	
MSGR1402	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2393	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2404	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1671	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TAKEOKA Yuko	
MSGR1682	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2673	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2684	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1271	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TANAKA Hidetake	
MSGR1282	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2273	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2284	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1411	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	TERUMICHI Yoshiaki	
MSGR1422	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2413	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2424	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1311	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	USUKI Toyonobu	
MSGR1322	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2313	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2324	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1871	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	YAGAI Tsuyoshi	
MSGR1872	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR1873	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR1874	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Notes
MSGR1631	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	YAIRI Ikuko	
MSGR1642	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2633	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2644	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1651	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	YAMANAKA Takao	
MSGR1662	GSE502-75e00	Spring	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2653	GSE601-75e00	Autumn	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2664	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		
MSGR1711	GSE501-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1A	2	YAMASHITA Haruka	
MSGR1722	GSE502-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 1B	2		
MSGR2713	GSE601-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2A	2		
MSGR2724	GSE602-75e00	Not offered	SEMINAR IN GREEN SCIENCE AND ENGINEERING 2B	2		

☆= Every Other Year

*1 The course title is changed. Regarded as identical courses. The students may only take one of the two courses.

Previous Course Title (Cr.)	New Course Title (Cr.)
Green Science and Engineering 3 (2) (～202	（2023～）Green Science and Engineering （Bioscience）(1) （2023～）Green Science and Engineering （Information Science）(1)
Supramolecular Analytical Chemistry（2）（～2023）	（2024～）Organic Chemistry and Natural Products（2）

*2 Although the language of instruction for the following courses are different, courses listed here are regarded as identical courses. The students may only take one of the two courses

Course Title (Cr.)	Course offered by other divisions ※(Cr.)	Division
Advanced Materials (2)	光機能材料特論 (2)	応用化学領域
Organic Chemistry and Natural Products（2）	天然物化学特論 (2)	化学領域

※ Please see the Bulletin of Information- Japanese version,「2025年度大学院履修要覧」.

5. Thesis Guidance List

Green Science and Engineering Division

Thesis Guidance List
Green Science and Engineering Division

Course Numbering	Instructor's Name	Notes
SCT613-75e00	ADACHI Tadashi	
	ARAI Takayuki	
	BANDAI Masaki	
	CAO Wenjing	
	DZIEMINSKA Edyta	
	EMA Kazuhiro	
	FUJITA Masahiro	
	FUYUTSUKI Seba	
	GONSALVES Tad	
	HASHIMOTO Takeshi	
	HIRANO Tetsufumi	
	HORIKOSHI Satoshi	
	ICHIYANAGI Mitsuhisa	
	IROHARA Takashi	
	KAWABATA Ryo	
	KAWAGUCHI Mari	
	KIKAWADA Yoshikazu	
	MIYAMOTO Yuichiro	
	MIYATAKE Masafumi	
	NAKAOKA Toshihiro	
	NAKASHIMA Toshiki	
	NANBU Shinkoh	
	NIIKURA Takako	
	OGAWA Masakatsu	
	RIKUKAWA Masahiro	
	SAITO Tamao	
	SAKAMOTO Orie	
	SHIBUYA Tomoharu	
	SHIMOMURA Kazuhiko	
	SUMI Chikayoshi	
	SUZUKI Nobuhiro	
	SUZUKI Takashi	
	SUZUKI Yumiko	
	TAKAI Kenichi	
	TAKAOKA Eiko	
	TAKEHARA Shoichiro	
	TAKEOKA Yuko	
	TANAKA Hidetake	
	TERUMICHI Yoshiaki	
	USUKI Toyonobu	
	YAGAI Tsuyoshi	
	YAIRI Ikuko	
	YAMANAKA Takao	
	YAMASHITA Haruka	

Ph.D. CURRICULUM [Ph.D. in Green Science and Engineering Division]

Ph.D. CURRICULUM [Ph.D. in Green Science and Engineering Division]

1. Instruction

1. To be eligible to receive a Ph.D. degree, students must complete at least 6 credits of coursework, submit a Ph.D. dissertation, and pass oral and written exams.Further, in the case of early completion, the student is exempted from taking the number of credits for compulsory courses for the terms during which he/she is on leave from the University.
2. Students must take the Thesis Guidance (Compulsory) each semester.
3. Students must submit " Research Proposal（研究計画書）"to the Division Chair by approximately middle of October in consultation with their own supervisors in the beginning of every autumn semester.
   The format of"Research Proposal (研究計画書)" is distributed by students' own supervisors in the beginning of every autumn semester.

2. Requirements for Courses, Credits, Number of courses

Core curriculum	Credits	Number of courses	Notes
Total credits	6		
Compulsory courses	6		
-DR. Dissertation Tutorial and Exercise 3A	1		
-DR. Dissertation Tutorial and Exercise 3B	1		
-DR. Dissertation Tutorial and Exercise 4A	1		
-DR. Dissertation Tutorial and Exercise 4B	1		
-DR. Dissertation Tutorial and Exercise 5A	1		
-DR. Dissertation Tutorial and Exercise 5B	1		
Thesis Guidance (Compulsory)		6	*1, *2
Ph.D. Dissertation			*3

*1 No credits given. Automatically registered every semester.
*2 Students must receive passing grades at least 6 semesters.
*3 Students must take the Thesis Guidance course and pass oral and written exams of their Ph.D. dissertation.

【Doctoral Program】

Year	Article	Deadline	Remarks
D1 D2	Submission of Research Proposal	Mid. October	Submit every academic year.
	Submission of Research Report	Follow the supervisor's instructions.	Follow the supervisor's instructions.
D3	Submission of Research Proposal	Mid. October	Submit every academic year
	Submission of Request for Evaluation of Eligibility for Submission of Doctoral Dissertation	February - March	
	Submission of Degree: Center for Academic Affairs	Late April, after the submission of the notice of determination of eligibility for submission of doctoral dissertation	*For application, consult with the Center for Academic Affairs
	Evaluation, Oral Examination	Until June	

Follow your supervisor's instruction for the requirements for doctoral dissertation, documents and deadlines for doctoral dissertation.
If you wish to receive your degree in March, consult with your supervisor in advance.

【Doctoral Dissertation Evaluation Criteria】

In order to grasp the competencies required of applicants described in the Diploma Policy, a submitted dissertation will be evaluated in accordance with the following criteria and evaluation points:

1. An evaluation will be conducted on the submitted dissertation to determine whether the applicant has conducted research independently in his/her area of specialization or has research competency required for engaging in other highly technical activities.
2. In the evaluation, attention will be given to the following:
   (1) The content of the dissertation (whether the dissertation has sufficient academic value, including originality, novelty of knowledge, and usefulness)
   (2) The format of the dissertation (whether the structure or expressions of the dissertation are appropriate or not) The content of the dissertation (whether the dissertation has sufficient academic value, including originality, novelty of knowledge, and usefulness) The format of the dissertation (whether the structure or expressions of the dissertation are appropriate or not)
3. An oral examination will be conducted on an extensive range of related subjects centering on the dissertation to determine whether the applicant has gained wide and in-depth scholarly knowledge that would serve as the foundation for high-level research competency required to conduct research independently in his/her area of specialization.
4. As regards foreign languages, we may specify one foreign language as the mandatory one and require the applicant to take a written examination. However, if the applicant is deemed to have adequate foreign language ability that would justify his/her earning a degree, he/she may be exempted from taking the whole or part of the examination. The criteria for exemption will have to be confirmed with the division to which the applicant belongs.

3. Course Structure and Credits

Course Title	Credits (Compulsory)	Credits (Compulsory elective)	Credits (Elective)
DR. Dissertation Tutorial and Exercise 3A	1		
DR. Dissertation Tutorial and Exercise 3B	1		
DR. Dissertation Tutorial and Exercise 4A	1		
DR. Dissertation Tutorial and Exercise 4B	1		
DR. Dissertation Tutorial and Exercise 5A	1		
DR. Dissertation Tutorial and Exercise 5B	1		
JOB-BASED RESEARCH INTERNSHIP 1 *			2
JOB-BASED RESEARCH INTERNSHIP 2 *			2

*For details, please see "4. List of Courses" and the syllabus.

4. List of Courses

List of Courses

Basically, DR. Dissertation Tutorial and Exercise 3A, 4A and 5A, 3B, 4B and 5B are consolidated.

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Division	Notes
DSCTE037	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	ARAI Takayuki	Green Science and Engineering	
DSCTE038	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE039	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE040	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE041	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE042	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE091	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	BANDAI Masaki	Green Science and Engineering	
DSCTE092	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE093	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE094	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE095	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE096	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE079	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	FUJITA Masahiro	Green Science and Engineering	
DSCTE080	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE081	SCT813-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE082	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE083	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE084	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE121	SCT811-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	FUJIWARA Makoto	Green Science and Engineering	
DSCTE122	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE123	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE124	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE125	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE126	SCT816-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE097	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	GONSALVES Tad	Green Science and Engineering	
DSCTE098	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE099	SCT813-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE100	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE101	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE102	SCT816-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE025	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	HORIKOSHI Satoshi	Green Science and Engineering	
DSCTE026	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE027	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE028	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE029	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE030	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE007	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	IROHARA Takashi	Green Science and Engineering	
DSCTE008	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE009	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE010	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE011	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE012	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE103	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	KIKAWADA Yoshikazu	Green Science and Engineering	
DSCTE104	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE105	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE106	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE107	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE108	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE019	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	KIKUCHI Akihiko	Green Science and Engineering	
DSCTE020	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE021	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE022	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE023	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE024	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE013	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	MIYATAKE Masafumi	Green Science and Engineering	
DSCTE014	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE015	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE016	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE017	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE018	SCT816-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE055	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	NAKASHIMA Toshiki	Green Science and Engineering	
DSCTE056	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE057	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE058	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE059	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE060	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE031	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	NANBU Shinkoh	Green Science and Engineering	
DSCTE032	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE033	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE034	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE035	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE036	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			

Registration Code	Course Numbering	Semseter	Course Title	Credits	Instructor's Name	Division	Notes
DSCTE061	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	RIKUKAWA Masahiro	Green Science and Engineering	
DSCTE062	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE063	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE064	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE065	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE066	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE067	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	SAITO Tamao	Green Science and Engineering	
DSCTE068	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE069	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE070	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE071	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE072	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE043	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	SHIMOMURA Kazuhiko	Green Science and Engineering	
DSCTE044	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE045	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE046	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE047	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE048	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE049	SCT811-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	SUZUKI Takashi	Green Science and Engineering	
DSCTE050	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE051	SCT813-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE052	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE053	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE054	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE109	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	SUZUKI Yumiko	Green Science and Engineering	
DSCTE110	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE111	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE112	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE113	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE114	SCT816-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE085	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	TAKAI Kenichi	Green Science and Engineering	
DSCTE086	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE087	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE088	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE089	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE090	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE127	SCT811-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	TAKAOKA Eiko	Green Science and Engineering	
DSCTE128	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE129	SCT813-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE130	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE131	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE132	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE133	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	TAKEOKA Yuko	Green Science and Engineering	
DSCTE134	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE135	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE136	SCT814-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE137	SCT815-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE138	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE115	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	USUKI Toyonobu	Green Science and Engineering	
DSCTE116	SCT812-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE117	SCT813-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE118	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE119	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE120	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCTE073	SCT811-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 3A	1	YAGAI Tsuyoshi	Green Science and Engineering	
DSCTE074	SCT812-75e00	Spring	DR. DISSERTATION TUTORIAL AND EXERCISE 3B	1			
DSCTE075	SCT813-75e00	Autumn	DR. DISSERTATION TUTORIAL AND EXERCISE 4A	1			
DSCTE076	SCT814-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 4B	1			
DSCTE077	SCT815-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5A	1			
DSCTE078	SCT816-75e00	Not offered	DR. DISSERTATION TUTORIAL AND EXERCISE 5B	1			
DSCT8100	SCT808-75e00	Autumn	JOB-BASED RESEARCH INTERNSHIP 2	2	TAKAI Kenichi	Common	★
DSCT8000	SCT808-75e00	Spring	JOB-BASED RESEARCH INTERNSHIP 1	2	TAKAI Kenichi	Common	★

★） For internship registration procedures, please refer to the syllabus.
The grade given in the program will be either “P” (PASSING) or “X” (NOT PASSING).
If the internship is not completed by the grade release date for the semester, the grade will be assigned on the following semester.

5. Thesis Guidance List

Green Science and Engineering Division

Thesis Guidance List

Green Science and Engineering Division

Course Numbering	Instructor's Name	Notes
SCT817-75e00	ARAI Takayuki	
	BANDAI Masaki	
	FUJITA Masahiro	
	FUJIWARA Makoto	
	GONSALVES Tad	
	HORIKOSHI Satoshi	
	IROHARA Takashi	
	KIKAWADA Yoshikazu	
	KIKUCHI Akihiko	
	MIYATAKE Masafumi	
	NAKASHIMA Toshiki	
	NANBU Shinkoh	
	RIKUKAWA Masahiro	
	SAITO Tamao	
	SHIMOMURA Kazuhiko	
	SUZUKI Takashi	
	SUZUKI Yumiko	
	TAKAI Kenichi	
	TAKAOKA Eiko	
	TAKEOKA Yuko	
	USUKI Toyonobu	
	YAGAI Tsuyoshi	

International Graduate Course in Global Environmental Studies

International Graduate Course in Global Environmental Studies

- Education and Research Objectives and Human Resource Development
- Diploma Policy
- Curriculum Policy
- GRADUATE PROGRAM IN GLOBAL ENVIRONMENTAL STUDIES
- M.A. CURRICULUM [M.A in Global Environmental Studies]
- PH.D. CURRICULUM [Ph.D. in Global Environmental Studies]

Education and Research Objectives and Human Resource Development

For the resolution of global environmental issues, we aim to develop human resources with high levels of knowledge on social and natural sciences, high sense of mission and excellent skills in combining theory with practice.

A particular focus for the Master's course is to prepare our students to become highly competitive professionals in an increasingly complex society and world.
A particular focus for the PhD course is to produce human resources that can conduct world class level of education and research on global environment.

Diploma Policy

[Master's Program]

The Master's Program in Global Environmental Studies aims to foster human resources who have acquired a broad range of expertise and various theories and practical experience, and who are deemed to be capable of contributing to the achievement of a sustainable society. In view of such aims the program sets standards for the skills and knowledge students should acquire before graduation as described below. Those who have fulfilled the requirements and have passed the thesis defense will be awarded a diploma.

1. Broad expert knowledge in global environmental issues and environmental studies.

2. Broad practical knowledge in global environmental issues and environmental studies.

3. The ability to propose appropriate research and analysis methods developed by integrating both social science and natural science-based knowledge as well as combining theory and practice. Also, the ability to communicate information to society through logical writing and oral presentation of one's arguments.

4. The competency to precisely structure one's own papers and clearly roll out the logical arguments in writing papers in order to make the above item 3 possible.

5. Global perspectives and responsiveness

[Doctoral Program]

The Doctoral Program in Global Environmental Studies aims to foster human resources whose research capabilities have been acknowledged to be world-class and who can independently engage in research and development and are deemed to be capable of contributing to the achievement of a sustainable society. With a view to such aims, the program sets standards for the skills and knowledge students should acquire before graduation as described below. Those who have fulfilled the requirements and have passed the thesis defense will be awarded a diploma.

1. Broad expert knowledge in global environmental issues and environmental studies, including in-depth expertise in specific fields and issues.

2. Broad practical knowledge in global environmental issues and environmental studies, including in-depth practical knowledge in specific fields and issues.

3. The ability to independently conduct research and development based on research abilities characterized by originality developed by integrating both social science and natural science-based knowledge as well as combining theory and practice. Also, the ability to communicate information to society through logical writing and oral presentation of one's arguments.

4. The competency to write academic papers with originality and externally present the papers in order to make the above item 3 possible.

5. Global perspectives and responsiveness

Curriculum Policy

[Master's Program]

In light of our aim to have students effectively acquire expertise in a broad range of disciplines and a combination of various theories and practice in accordance with the diploma policy, the Master's Program in Global Environmental Studies constructs its curriculum with courses aligned to the following purposes:

1. Offer a well-balanced range of coursework by including courses from all three subject groups, namely Environmental Law, Policy and Social Studies; Environmental Economics and Development Studies; and Environmental Science and Engineering Studies in order to develop a broad but compact curriculum combining humanities and science with a clear vision based on the understanding that global environmental issues and environmental studies always bear aspects of both the natural sciences and the social sciences and humanities.
2. Proactively incorporate into coursework and seminars, opportunities where students can become familiar with cutting-edge measures and acquire hands-on knowledge in order to develop a curriculum that enables the acquisition of disciplinary knowledge for appropriate problem identification as well as a good balance of practical knowledge or skills for problem-solving.
3. Proactively incorporate into lecture courses and seminars, opportunities where students can learn research and analysis methods and engage in presentations or opinion exchange in order to establish a curriculum that delivers finely-tuned education enabling good diversified communication between faculty and students supported by small-group classes unique to Sophia. Furthermore, schedule a workshop to present thesis outlines at the beginning of the fourth quarter in order to let students acquire thesis writing and oral presentation skills.
4. In light of the increasing need for international cooperation in solving global environmental issues, proactively admit international students, develop an English-taught program with a curriculum consisting of lectures and consultations provided solely in English for the purpose of fostering global leaders, and make courses under the Japanese and English programs interchangeably available to students, thus actively providing opportunities for both mutual learning and communication among students of various nationalities. Furthermore, offer night and Saturday lectures to give adequate consideration to facilitate degree completion for working students.

[Doctoral Program]

In light of our aim to have students effectively acquire expertise in a broad range of disciplines and a combination of various theories and practice in accordance with the diploma policy, the Master's Program in Global Environmental Studies constructs its curriculum with courses aligned to the following purposes:

1. Offer a well-balanced range of coursework by including courses from all three subject groups, namely Environmental Law, Policy and Social Studies; Environmental Economics and Development Studies; and Environmental Science and Engineering Studies in order to develop a broad but compact curriculum combining humanities and science with a clear vision based on the understanding that global environmental issues and environmental studies always bear aspects of both the natural sciences and the social sciences and humanities.
2. Proactively incorporate into coursework and seminars, opportunities where students can become familiar with cutting-edge measures and acquire hands-on knowledge in order to develop a curriculum that enables the acquisition of disciplinary knowledge for appropriate problem identification as well as a good balance of practical knowledge or skills for problem-solving.
3. Proactively incorporate into lecture courses and seminars, opportunities where students can learn research and analysis methods and engage in presentations or opinion exchange in order to establish a curriculum that delivers finely-tuned education enabling good diversified communication between faculty and students supported by small-group classes unique to Sophia. Furthermore, schedule a workshop to present thesis outlines at the beginning of the fourth quarter in order to let students acquire thesis writing and oral presentation skills.

4. In light of the increasing need for international cooperation in solving global environmental issues, proactively admit international students, develop an English-taught program with a curriculum consisting of lectures and consultations provided solely in English for the purpose of fostering global leaders, and make courses under the Japanese and English programs interchangeably available to students, thus actively providing opportunities for both mutual learning and communication among students of various nationalities. Furthermore, offer night and Saturday lectures to give adequate consideration to facilitate degree completion for working students.

Note:
The English translation is provided for information. The original Japanese version remains the sole official version. If there is any discrepancy between the two versions, the Japanese original should take precedence.

GRADUATE PROGRAM IN GLOBAL ENVIRONMENTAL STUDIES

The Graduate School of Global Environmental Studies (GSGENV) was established in 2005 to focus specifically on environmental problems, an area which we consider as one of the greatest challenges facing humanity today. The curriculum combines social and natural sciences, in recognition of the fact that effective environmental studies spans a number of scholastic disciplines including law, policy, administration, economics, population, energy and engineering. The school is devoted to fostering graduates able to serve society effectively as business persons, professionals, consultants or scholars in the area of environmental protection, conservation and sustainability.

International Graduate Course

The International Graduate Course in Global Environmental Studies (IGCGENV) commenced in September of 2011. IGCGENV provides educational programs for students who intend to obtain degrees in English. No knowledge or proficiency in Japanese is needed as all seminars, lectures and guidance are conducted in English. The curriculum consists of three fields: 1) Economics and Business Administration for the Environment; 2) Law, Policies and Sociology for the Environment; 3) Science and Engineering for the Environment. One of the strategies of IGCGENV is to enhance the capacity of students to contribute to the solving of current environmental issues through a variety of practical and discipline specific programs. Moreover, we intend to collaborate with the Graduate School of Science and Technology and Graduate School of Economics so as to create an integrated and interdisciplinary curriculum.

1. DEGREES

IGCGENV offers two degrees: M.A. and Ph.D., both of which are accredited by the Ministry of Education, Culture, Sports, Science and Technology (MEXT). Both M.A. and Ph.D. degrees focus on the study of environmental issues and processes from both social science and natural science perspectives.
The ultimate aim of IGCGENV is to develop highly effective human resources capable of tackling environmental and sustainability issues from the local to global levels of diverse situations and locations.

2. CURRICULUM

From the natural sciences to the humanities, students are free to choose classes suited to their interests, background and future career aspirations from a wide range of courses covering diverse aspects of global environmental issues. This flexibility means that students may in effect create their own curriculum chart and timetable. Another feature of the IGCGENV curriculum is the small class sizes, with student numbers ranging from two to ten per seminar or lecture. This ensures that students will be able to receive devoted, passionate and student needs-focused instruction from experienced professors.

The M.A. degree has two tracks, with each track having different graduation requirements. Students in the credit track concentrate on obtaining course credits and must complete a graduation project report while those in the thesis track write an in-depth master's thesis. All students enter the IGCGENV on the thesis track. After the first semester, students who wish so can transfer to the credit-project track.

Although the language of instruction is English, IGCGENV students are permitted to take courses from the Japanese curriculum of the Graduate Program in Global Environmental Studies. These may be counted as official credits towards IGCGENV degree requirements. All students in IGCGENV are required to write their graduation project report or master's thesis in English.

Doctoral students will work on their dissertation under the guidance of a supervisor. In addition to the required course work (since 2018), Doctoral candidates are encouraged to participate in numerous workshops and other program activities in consultation with their supervisor.

3. FACILITIES

IGCGENV and GSGENV graduate students have access to the GSGENV study rooms and the school provides students with on-campus lockers for storing materials. In addition, graduate students can use the university computer rooms, cafeterias, gymnasium and athletic fields, medical and counseling facilities. As with all urban universities in Japan, Sophia University has several off campus dormitories and affiliated dormitories in and around the Tokyo area.

M.A. CURRICULUM [M.A in Global Environmental Studies]

M.A. CURRICULUM [M.A in Global Environmental Studies]

Overview

The diverse courses of the International Graduate Course in Global Environmental Studies are designed to provide students with a comprehensive understanding of the multiple and complex factors that have contributed to the global environmental crisis. Students are free to choose classes suited to their interests, background and future career aspirations from a wide range of courses covering diverse aspects of global environmental issues whether in the natural sciences or humanities. This flexibility means that students may effectively create their own curriculum chart and timetable. Another feature of the International Graduate Course in Global Environmental Studies (IGCGENV) curriculum is the small class sizes. This ensures that students will be able to receive devoted, compassionate and student needs-focused instruction from experienced professors.

1. Completion Requirements

＜Thesis-track＞

Requirements	Credits	Number of courses	Remarks
Total credits	30		
‣Compulsory Elective └演習／Seminar A, B, C, D	8	-	Along with the 8 required credits, up to 4 credits from 演習／Seminar A, B, C, D may additionally
‣Electives	22		
└Courses offered at GSGES			
└Courses under the Auditing Agreements			Up to 10 credits may be included into Elective Courses. However, for the credits taken at the United Nations University (UNU) only 2 credits may be approved. For the procedures, consult with the Center for Academic Affairs.
Research Guidance (compulsory)	-	4	No credits given. Automatically registered. For details, see 4. Notes about Course Enrollment 1) Completion Requirements.
Master's Thesis	-		Must register by a student through Loyola for Master's Thesis during the course registration period of the final semester when the student plans to submit and defend their thesis.

＜Credit-track＞

*1 Students who wish to apply for early graduation will only be required to receive passing grades for the number of semesters they enrolled in.

Requirements	Credits	Number of courses	Remarks
Total credits	34		
‣Compulsory Elective └演習／Seminar A, B, C, D	4		Along with the 4 required credits, up to 4 credits from 演習／Seminar A, B, C, D may additionally be counted as elective courses.
‣Electives	30		
└Courses offered at GSGES			
└ Courses under the Auditing Agreements			Up to 10 credits may be included into Elective Courses. However, for the credits taken at the United Nations University (UNU) only 2 credits may be approved. For the procedures, consult with the Center for Academic Affairs.
Research Guidance (compulsory)		4	No credits given. Automatically registered. For details, see 4. Notes about Course Enrollment 1) Completion Requirement.
Graduation Project			Must register by a student through Loyola for Graduation Project during the course registration period of the final semester. The project will be submitted as a research paper, which will be evaluated for successful completion of the credit-track.

Research Guidance Schedule

For details regarding the timeline of course enrollment, refer to the GSGENV Student Handbook distributed at the new students' orientation in the beginning of the semester.

2. Evaluation Criteria

Criteria for the Evaluation of Master's Thesis

Based on the Diploma Policy, the submitted thesis will be evaluated in accordance with the following criteria and points in order to determine whether the student has learned and acquired the competency to communicate information to society at large by analyzing global environmental issues and environmental research themes to be explored using appropriate research methods such as combining expertise of social science and natural science or combining theory and practice, and by logically describing and verbally conveying the findings.

1. **Thesis topic:** The thesis shall address the reason(s) for the selection of the topic to solve environmental issues today and clarify its appropriateness.
2. **Previous studies:** The thesis shall cover previous studies on the selected topic up to now and exhibit the updated status of the studies appropriately.
3. **Originality:** The thesis shall establish an original hypothesis that is the basis for approaching a thesis topic relevantly or illustrate original, unique aspects of research.
4. **Research method:** The thesis shall demonstrate originally collected data or new materials to test a hypothesis. In addition, the thesis shall integrate knowledge covering several academic disciplines related to the social and natural sciences, or exhibit feedbacks between theories and practices.
5. **Thesis structure:** The thesis shall clearly exhibit the structure of the contents and the logical flow of research. There shall be consistency among the thesis topic, the hypothesis, and the conclusion. In addition, the thesis shall demonstrate an original analysis comprehensively.
6. **Ethical standards:** The thesis shall consider ethical standards with respect to research methods and the target(s) of analysis. In addition, the thesis shall meet the ethical standards established by the university and the academic community.
7. **Format:** The thesis shall sufficiently cover materials related to the thesis topic and clearly indicate sources of information and data in citations and in a list of references. In addition, the thesis shall demonstrate a high level of writing and follow required formats for writing.
8. **Language:** The thesis shall demonstrate necessary knowledge of a foreign language.

Criteria for the Evaluation of Research Paper

Based on the Diploma Policy, submitted research papers will be evaluated in accordance with the following criteria and points in order to determine whether the student has learned and acquired the competency to communicate information to society at large by discussing global environmental issues and environmental research themes to be explored from combined viewpoints of social science and natural science and by logically describing and verbally conveying the findings.

1. **Topic:** The research paper shall address the reason(s) for the selection of the topic to solve environmental issues today and clarify the appropriateness of the topic.
2. **Previous studies:** The research paper shall cover previous studies on the selected topic up to now and exhibit the updated status of the studies appropriately.
3. **Research method:** The research paper shall demonstrate originally collected data or new materials to test a hypothesis. In addition, it shall integrate knowledge covering several academic disciplines related to the social and natural sciences, or exhibit feedbacks between theories and practices.
4. **Structure:** The research paper shall clearly exhibit the structure of the contents of the research paper and the logical flow of research. There shall be consistency among the topic, the hypothesis, and the conclusion. In addition, the research paper shall demonstrate an original analysis comprehensively.

5. **Ethical standards:** The research paper shall consider ethical standards with respect to research methods and the target(s) of analysis. In addition, it shall meet the ethical standards established by the university and the academic community.
6. **Format:** The research paper shall sufficiently cover materials related to the topic and clearly indicate sources of information and data in citations and in a list of references. In addition, it shall demonstrate a high level of writing and follow required formats for writing.
7. **Language:** The research paper shall demonstrate necessary knowledge of a foreign language.

3. Curriculum Structure/credits [applicable to all matriculation years]

Course Title	Credits (Compulsory elective)	Credits (Elective)
ENVIRONMENTAL ECONOMICS		2
ECONOMIC VALUATION OF THE NATURAL ENVIEONMENT		2
STRATEGIC ENVIRONMENTAL MANAGEMENT		2
ENVIRONMENT AND DEVELOPMENT IN DEVELOPING COUNTRIES		2
ENVIRONMENTAL POLICY:ANALYSIS AND PRACTICE		2
FRONTIER OF ENVIRONMENTAL STUDIES		2
ENVIRONMENTAL HISTORY		2
JAPANESE ENVIRONMENTAL LAW		2
BASIC OCEANOGRAPHY AND GLOBAL ENVIRONMENTAL SCIENCE		2
ENVIRONMENTAL DATA SCIENCE		2
ENVIRONMENTAL ECOLOGY		2
ECOLOGICAL RISK ASSESSMENT OF POLLUTANTS		2
ENVIRONMENTAL ASSESSMENT		2
ENVIRONMENTAL PLANNING		2
GLOBAL ENVIRONMENT OUTLOOK		2
TRANSDISCIPLINARY STUDIES FOR SUSTAINABILITY		2
GLOBAL ENVIRONMENTAL GOVERNANCE		2
MARINE ENVIRONMENTAL POLICY		2
ASIAN ENVIRONMENTAL STUDIES		4
BUSINESS STRATEGIES FOR SUSTAINABILITY		2
ENVIRONMENTAL RESOURCE MANAGEMENT POLICY		2
INTRODUCTION TO ENVIRONMENTAL ACCOUNTING		2
WASTE MANAGEMENT IN ASIA		2
ENERGY AND ENVIRONMENTAL TECHNOLOGY		2
STATISTICS FOR ENVIRONMENTAL STUDIES		2
RESEARCH METHODS FOR SOCIO-ECOLOGICAL STUDIES		2
ENGINEERING OF RECYCLING		2
ENVIRONMENT AND HEALTH		2
INDUSTRIAL ECOLOGY		2
URBAN SUSTINABILITY		2

FOREST AND HUMAN INTERACTIONS		2
ENVIRONMENTAL REMOTE SENSING		2
演習／SEMINAR A	2	
演習／SEMINAR B	2	
演習／SEMINAR C	2	
演習／SEMINAR D	2	
SUSTAINABLE TOURISM DESIGN		2
GOVERNANCE FOR SUSTAINABLE DEVELOPMENT		2
RENEWABLE ENERGY SYSTEM		2
ENVIRONMENTAL ISSUES IN GLOBAL SOUTH		2
DIGITAL INNOVATIONS FOR SUSTAINABILITY		2
CORPORATE FINANCE *1		4
ENGLISH FOR SCIENCE ／ ENGINEERING A *2		2
ENGLISH FOR SCIENCE ／ ENGINEERING B *2		2
ENVIRONMENTAL CHEMISTRY *2		2
ENVIRONMENTAL LIFE SCIENCE *2		2
ENVIRONMENTAL BASIC BIOLOGY *2		2
GREEN SCIENCE AND ENGINEERING （PHYSICS）*2		1
GREEN SCIENCE AND ENGINEERING （MECHANICAL ENGINEERING） *2		1
GREEN SCIENCE AND ENGINEERING （APPLIED CHEMISTRY） *2		1
GREEN SCIENCE AND ENGINEERING （CHEMISTRY）*2		1
GREEN SCIENCE AND ENGINEERING （BIOSCIENCE）*2		1
GREEN SCIENCE AND ENGINEERING （INFORMATION SCIENCE） *2		1
GREEN SCIENCE AND ENGINEERING （ELECTRICAL AND ELECTRONICS ENGINEERING）*2		1
GREEN SCIENCE AND ENGINEERING （MATHEMATICS）*2		1
SEMINAR ON SUSTAINABLE SOCIETIES 1 *3		2
SEMINAR ON SUSTAINABLE SOCIETIES 2 *3		2

*1 Offered by the Graduate Program in Economics
*2 Offered by the Graduate Program in Science and Technology
*3 Offered by the Graduate Program in Human Sciences

Courses Offered in Japanese

Course Title	Credits (Compulsory elective)	Credits (Elective)
日本の環境法		2
環境リスクマネジメント		2
環境経済学		2
自然環境の経済評価		2
地球環境政策・国際環境条約入門		2
環境汚染の生態リスク		2
環境生態学		2
国際環境法		2
環境経営学		2
地球環境システム学		2
環境研究のための統計学		2
サステイナブル社会デザイン学		2
環境データサイエンス		2
リサーチ・メソッド		2
エネルギーと環境		2
防災・減災と社会環境		2
環境教育		2
環境研究のフロンティア		2
環境計画・リスクマネジメント論		2
環境と健康		2
産業エコロジー		2
都市サスティナビリティ		2
森林生態学		2
環境リモートセンシング		2
気候変動と現代社会		2
（他）環境法政策　※注1		2
（他）比較環境法　※注1		2
（他）分野横断研究法：原理と技法　※注2		2

注1：法科大学院開講科目
注2：神学研究科神学専攻開講科目

4. Notes about Course Enrollment

For details regarding the timeline of course enrollment, refer to the GSGENV Student Handbook handed out at the new students' orientation in the beginning of the semester.

1) Completion Requirements

Students are required to choose the Thesis-track or Credit-track at the beginning of the first semester.

Research Guidance (non-credit but compulsory) will be registered every semester by the Center for Academic Affairs based on the notification of their advisors from the program office. They will be registered in late May for Spring semester and late November for Autumn semester. Students must receive passing grades at least four semesters for their Research Guidance. However, for students applying for early graduation will only be required to receive passing grades for the number of semesters they enrolled in.

Professors:
TANAKA Yoshinari, NAKAGAWA Yoshinori, PUTHENKALAM John Joseph, ORI Akemi, McDONALD Anne, HUANG Guangwei, SUZUKI Masachika, ANNO Sumiko, TSUGE Takahiro, QIAN Xuepeng

A. Thesis-track

1. Must earn 8 credits in "演習／Seminar"(Compulsory elective). The sequence of the Seminars does not have to be in order. At least 4 credits earned for 演習／Seminar must be taught by your academic supervisor. You may register for multiple 演習／Seminar offered by different instructors. Up to 12 credits from 演習／Seminar may be approved as completion requirements and up to 4 credits may be included into Electives. You may not repeatedly register for the same 演習／Seminar offered by the same instructor.
2. Must earn 22 credits of Electives.
3. Must register for Master's Thesis in the final semester, complete the Master's Thesis under the guidance of the academic supervisor and successfully defend at the oral examination.

B. Credit-track

1. Must earn 4 credits in "演習／Seminar"(Compulsory elective) instructed by the academic supervisor. The sequence of the Seminars does not have to be in order. You may register for multiple 演習／Seminar offered by different instructors. Up to 8 credits from 演習／Seminar may be included into completion requirements and up to 4 credits may be counted towards Electives. You may not repeatedly take the same 演習／ Seminar offered by the same instructor.
2. Must earn 30 credits from Electives.
3. Must register for Graduation Project in the final semester, complete the research paper under the guidance of the academic supervisor and successfully defend at the oral examination.

2) Notes about course registration

1. You cannot repeat a course of the same title even when it is offered by a different lecturer (except for 演習／Seminar).
2. Course registration for "Asian Environmental Studies" is accepted during the course registration period. However, if the numbers of students who register for the course exceed the course capacity, the instructor will select the students who can take the course. Students who were not selected must withdraw from the course during the withdrawal period. This course is graded either P or X.
3. To register for「分野横断型研究法：原理と技法」which is a lottery course, please follow the necessary registration process explained on「2025 年度履修要覧［ガイド・資料編］」.

5. List of Courses Offered

5. List of Courses Offered

Registration Code	Semseter	Course Title	Course Nubering	Credits	Instructor *：Part-time teacher Co)：Coordinator	Offered in English	Remarks
MGGE8011	Not Offered	演習／SEMINAR A	ENV501-94e00	2	PUTHENKALAM John Joseph	○	
MGGE8012	SPR	演習／SEMINAR B	ENV502-94j00	2	PUTHEMKALAM John Joseph	○	
MGGE8021	Not Offered	演習／SEMINAR A	ENV505-94e00	2	MCDONALD Anne	○	
MGGE8022	Not Offered	演習／SEMINAR B	ENV506-94e00	2	MCDONALD Anne	○	
MGGE8031	SPR	演習／SEMINAR A	ENV509-94e00	2	HUANG Guangwei	○	
MGGE8032	SPR	演習／SEMINAR B	ENV510-94e00	2	HUANG Guangwei	○	
MGGE8061	SPR	演習／SEMINAR A	ENV517-94j00	2	織　朱實		
MGGE8062	SPR	演習／SEMINAR B	ENV518-94e00	2	ORI Akemi	○	
MGGE8071	SPR	演習／SEMINAR A	ENV521-94j00	2	田中　嘉成		
MGGE8072	SPR	演習／SEMINAR B	ENV522-94e00	2	TANAKA Yoshinari	○	
MGGE8091	SPR	演習／SEMINAR A	ENV529-94e00	2	SUZUKI Masachika	○	
MGGE8092	SPR	演習／SEMINAR B	ENV530-94e00	2	SUZUKI Masachika	○	
MGGE8111	SPR	演習／SEMINAR A	ENV541-94e00	2	ANNO Sumiko	○	
MGGE8112	SPR	演習／SEMINAR B	ENV542-94j00	2	安納　住子		Combined with “Seminar A-1” offered by ADS Program
MGGE8121	SPR	演習／SEMINAR A	ENV545-94e00	2	TSUGE Takahiro	○	
MGGE8122	SPR	演習／SEMINAR B	ENV546-94j00	2	柘植　隆宏		
MGGE8131	SPR	演習／SEMINAR A	ENV549-94e00	2	QIAN Xuepeng	○	
MGGE8132	SPR	演習／SEMINAR B	ENV550-94j00	2	銭　学鵬		
MGGE8141	Not Offered	演習／SEMINAR A	ENV553-94e00	2	PARK Haemi	○	
MGGE8142	Not Offered	演習／SEMINAR B	ENV554-94j00	2	朴　慧美		
MGGE8151	SPR	演習／SEMINAR A	ENV557-94e00	2	中川　善典		
MGGE8152	SPR	演習／SEMINAR B	ENV558-94j00	2	NAKAGAWA Yoshinori	○	
MGGE8161	SPR	演習／SEMINAR A	ENV561-94j00	2	LONGFOR Nkweauseh	○	
MGGE8162	SPR	演習／SEMINAR B	ENV562-94j00	2	LONGFOR Nkweauseh	○	
MGGE6180	SPR	FOREST AND HUMAN INTERACTIONS	ENV687-94e00	2	*KOYAMA Christian Naohide	○	
MGGE7120	SPR	INDUSTRIAL ECOLOGY	ENV683-94e00	2	QIAN Xuepeng	○	
MGGE7650	SPR	GLOBAL ENVIRONMENT OUTLOOK	ENV634-94e00	2	HUANG Guangwei	○	
MGGE7655	SPR	JAPANESE ENVIRONMENTAL LAW	ENV648-94e00	2	ORI Akemi	○	
MGGE7695	SPR	ASIAN ENVIRONMENTAL STUDIES	ENV661-94e00	4	HUANG Guangwei	○	Intensive course*1*2
MGGE7750	SPR	ENVIRONMENTAL PLANNING	ENV640-94e00	2	HUANG Guangwei	○	
MGGE7766	SPR	GOVERNANCE FOR SUSTAINABLE DEVELOPM	ENV679-94e00	2	LONGFOR Nkweauseh	○	
MGGE7767	SPR	RENEWABLE ENERGY SYSTEM	ENV680-94e00	2	LONGFOR Nkweauseh	○	
MGGE7795	Not Offered	MARINE ENVIRONMENTAL POLICY	ENV646-94e00	2	MCDONALD Anne	○	
MGGE7810	Not Offered	ENVIRONMENTAL HISTORY	ENV633-94e00	2	MCDONALD Anne	○	
MGGE7820	SPR	ENVIRONMENTAL ECOLOGY	ENV651-94e00	2	TANAKA Yoshinari	○	
MGGE7835	Not Offered	ENVIRONMENTAL POLICY: ANALYSIS AND PRACTICE	ENV653-94e00	2	MCDONALD Anne	○	
MGGE7840	SPR	ENVIRONMENTAL ECONOMICS	ENV674-94e00	2	TSUGE Takahiro	○	
MGGE7980	SPR	BUSINESS STRATEGIES FOR SUSTAINABILITY	ENV645-94e00	2	SUZUKI Masachika	○	

Registration Code	Semseter	Course Title	Course Nubering	Credits	Instructor *：Part-time teacher Co)：Coordinator	Offered in English	Remarks
MGGE8020	SPR	ENVIRONMENT AND HEALTH	ENV603-94e00	2	*TIN TIN Win Shwe	○	
MGGE8030	SPR	ENVIRONMENTAL DATA SCIENCE	ENV693-94e00	2	ANNO Sumiko	○	
MGGE8060	SPR	STATISTICS FOR ENVIRONMENTAL STUDIES	ENV696-94e00	2	NAKAGAWA Yoshinori	○	
MGGE9510	SPR	MASTER'S THESIS	ENV667-94e00	0	Academic supervisors		
MGGE9530	SPR	GRADUATION PROJECT	ENV666-94e00	0	Academic supervisors		
MHSC7390	SPR	SEMINAR ON SUSTAINABLE SOCIETIES 1	SOC527-83e00	2	HOMMERICH Carola	○	(other) Grad. Program in Human Sciences
MSCT7025	SPR	ENGLISH FOR SCIENCE ／ ENGINEERING A	SCT513-75e00	2	DZIEMINSKA Edyta	○	(other) Grad. Program in Science and Technology
MSGR7180	SPR	ENVIRONMENTAL LIFE SCIENCE	BIO504-75e00	2	VILLAREAL Myra	○	(other) Grad. Program in Science and Technology
MSGR7012	1Q	GREEN SCIENCE AND ENGINEERING (ELECTRICAL AND ELECTRONICS ENGINEERING)	EEE513-75e00	1	MIYATAKE Masafumi	○	(other) Grad. Program in Science and Technology
MSGR7017	1Q	GREEN SCIENCE AND ENGINEERING (BIOSCIENCE)	BIO505-75e00	1	VILLAREAL Myra	○	(other) Grad. Program in Science and Technology
MSGR7250	2Q	GREEN SCIENCE AND ENGINEERING (MATHEMATICS)	MTH523-75e00	1	NAKASUJI Maki／ Others	○	(other) Grad. Program in Science and Technology
MSGR7014	Not Offered	GREEN SCIENCE AND ENGINEERING (CHEMISTRY)	CHM501-75e00	1	KUZE Nobuhiko	○	(other) Grad. Program in Science and Technology
MSGR7013	Not Offered	GREEN SCIENCE AND ENGINEERING (APPLIED CHEMISTRY)	ACH505-75e00	1	FUJITA Masahiro	○	(other) Grad. Program in Science and Technology
MHSC7400	Not Offered	SEMINAR ON SUSTAINABLE SOCIETIES 2	SOC528-83e00	2	HOMMERICH Carola	○	(other) Grad. Program in Human Sciences
MSGR7170	Not Offered	ENVIRONMENTAL BASIC BIOLOGY	BIO503-75e00	2	KAWAGUCHI Mari	○	(other) Grad. Program in Science and Technology
MGGE801A	Not Offered	演習／SEMINAR C	ENV503-94e00	2	PUTHENKALAM John Joseph	○	
MGGE801B	AUT	演習／SEMINAR D	ENV504-94j00	2	PUTHEMKALAM John Joseph	○	
MGGE802A	AUT	演習／SEMINAR C	ENV507-94e00	2	MCDONALD Anne	○	
MGGE802B	AUT	演習／SEMINAR D	ENV508-94e00	2	MCDONALD Anne	○	
MGGE803A	AUT	演習／SEMINAR C	ENV511-94e00	2	HUANG Guangwei	○	
MGGE803B	AUT	演習／SEMINAR D	ENV512-94e00	2	HUANG Guangwei	○	
MGGE806A	AUT	演習／SEMINAR C	ENV519-94j00	2	織　朱實	○	
MGGE806B	AUT	演習／SEMINAR D	ENV520-94e00	2	ORI Akemi	○	
MGGE807A	AUT	演習／SEMINAR C	ENV523-94j00	2	田中　嘉成	○	
MGGE807B	AUT	演習／SEMINAR D	ENV524-94e00	2	TANAKA Yoshinari	○	
MGGE809A	AUT	演習／SEMINAR C	ENV531-94e00	2	SUZUKI Masachika	○	
MGGE809B	AUT	演習／SEMINAR D	ENV532-94e00	2	SUZUKI Masachika	○	
MGGE811A	AUT	演習／SEMINAR C	ENV543-94e00	2	ANNO Sumiko	○	
MGGE811B	AUT	演習／SEMINAR D	ENV544-94j00	2	安納　住子	○	Combined with “Seminar A-2” offered by ADS Program
MGGE812A	AUT	演習／SEMINAR C	ENV547-94e00	2	TSUGE Takahiro	○	
MGGE812B	AUT	演習／SEMINAR D	ENV548-94j00	2	柘植　隆宏	○	
MGGE813A	AUT	演習／SEMINAR C	ENV551-94e00	2	QIAN Xuepeng	○	
MGGE813B	AUT	演習／SEMINAR D	ENV552-94j00	2	銭　学鵬	○	
MGGE814A	AUT	演習／SEMINAR C	ENV555-94e00	2	PARK Haemi	○	
MGGE814B	AUT	演習／SEMINAR D	ENV556-94j00	2	朴　慧美	○	
MGGE815A	AUT	演習／SEMINAR C	ENV559-94e00	2	中川　善典	○	
MGGE815B	AUT	演習／SEMINAR D	ENV560-94j00	2	NAKAGAWA Yoshinori	○	
MGGE816A	AUT	演習／SEMINAR C	ENV563-94j00	2	LONGFOR Nkweauseh	○	

Registration Code	Semseter	Course Title	Course Nubering	Credits	Instructor *：Part-time teacher Co)：Coordinator	Offered in English	Remarks
MGGE816B	AUT	演習／SEMINAR D	ENV564-94j00	2	LONGFOR Nkweauseh	○	
MGGE6220	3Q	GLOBAL ENVIRONMENTAL GOVERNANCE	ENV637-94e00	2	*NAGAI Masaharu	○	
MGGE6200	AUT	ENVIRONMENTAL REMOTE SENSING	ENV689-94e00	2	PARK Haemi	○	
MGGE6210	AUT	ENVIRONMENTAL RESOURCE MANAGEMENT POLICY	ENV636-94e00	2	*SHIBATA Shingo	○	Intensive course*1
MGGE6230	AUT	TRANSDISCIPLINARY STUDIES FOR SUSTAINABILITY	ENV638-94e00	2	Co) HUANG Guangwei	○	Team-taught course
MGGE7140	AUT	URBAN SUSTAINABILITY	ENV685-94e00	2	QIAN Xuepeng	○	
MGGE7685	AUT	ENERGY AND ENVIRONMENTAL TECHNOLOG	ENV647-94e00	2	SUZUKI Masachika	○	
MGGE7690	AUT	INTRODUCTION TO ENVIRONMENTAL ACCOUNTING	ENV643-94e00	2	*MURAI Hideki	○	
MGGE7730	AUT	ENVIRONMENT AND DEVELOPMENT IN DEVELOPING COUNTRIES	ENV639-94e00	2	PUTHENKALAM John Joseph	○	
MGGE7765	AUT	SUSTAINABLE TOURISM DESIGN	ENV671-94e00	2	*YAMAGATA Yoshiki	○	Intensive course*1*3
MGGE7768	AUT	ENVIRONMENTAL ISSUES IN GLOBAL SOUTH	ENV681-94e00	2	LONGFOR Nkweauseh	○	
MGGE7769	AUT	DIGITAL INNOVATIONS FOR SUSTAINABILITY	ENV600-94e00	2	LONGFOR Nkweauseh	○	
MGGE7770	AUT	ENVIRONMENTAL ASSESSMENT	ENV641-94e00	2	HUANG Guangwei	○	
MGGE7780	AUT	ENGINEERING OF RECYCLING	ENV672-94e00	2	Co) ORI Akemi	○	Team-taught course
MGGE7830	AUT	ECOLOGICAL RISK ASSESSMENT OF POLLUTA	ENV652-94e00	2	TANAKA Yoshinari	○	
MGGE7850	AUT	ECONOMIC VALUATION OF THE NATURAL ENVIRONMENT	ENV675-94e00	2	TSUGE Takahiro	○	
MGGE7855	AUT	WASTE MANAGEMENT IN ASIA	ENV657-94e00	2	ORI Akemi	○	
MGGE7865	AUT	BASIC OCEANOGRAPHY AND GLOBAL ENVIRONMENTAL SCIENCE	ENV654-94e00	2	Co) MCDONALD Anne	○	Team-taught course
MGGE7960	AUT	STRATEGIC ENVIRONMENTAL MANAGEMENT	ENV642-94e00	2	SUZUKI Masachika	○	
MGGE8080	AUT	RESEARCH METHODS FOR SOCIO-ECOLOGICAL STUDIES	ENV698-94e00	2	NAKAGAWA Yoshinori	○	
MGGE9520	AUT	MASTER'S THESIS	ENV667-94e00	0	Academic supervisors		
MGGE9540	AUT	GRADUATION PROJECT	ENV666-94e00	0	Academic supervisors		
MEEC7191	AUT	CORPORATE FINANCE	ECN537-55e00	4	KAWANISHI Satoshi	○	(other) Grad. Program in Economics
MSCT7045	AUT	ENGLISH FOR SCIENCE ／ ENGINEERING B	SCT514-75e00	2	TRIHAN Fabien	○	(other) Grad. Program in Science and Technology
MSGR7090	AUT	ENVIRONMENTAL CHEMISTRY	ACH503-75e00	2	HORIKOSHI Satoshi	○	(other) Grad. Program in Science and Technology
MSGR7016	3Q	GREEN SCIENCE AND ENGINEERING (PHYSICS)	PHY501-75e00	1	HIRANO Tetsufumi / Others	○	(other) Grad. Program in Science and Technology
MSGR7011	4Q	GREEN SCIENCE AND ENGINEERING (MECHANICAL ENGINEERING)	MEC515-75e00	1	SUZUKI Takashi / Others	○	(other) Grad. Program in Science and Technology
MSGR7018	Not Offered	GREEN SCIENCE AND ENGINEERING (INFORMATION SCIENCE)	INF508-75e00	1	*KURIHARA Yoshimoto	○	(other) Grad. Program in Science and Technology
MGGE7875	Not Offered	FRONTIER OF ENVIRONMENTAL STUDIES	ENV655-94e00	2		○	Every other year Team-taught course

*1 For Intensive Courses, check the schedule and classroom on My Sophia Bulletin Board.

*2 Course registration is accepted during the course registration period, but if the numbers of students who register for the course exceed the course capacity, the instructo select the students who can take the course. Students who were not selected must withdraw from the course during the withdrawal period. This course is graded either

*3 Course title change from previously offered course in AY 2024: URBAN SYSTEMS DESIGN OF SMART CITIES FOR ACHIEVING SDGS
Students may only take one of the two courses.

Courses Offered in Japanese

登録コード	開講期	科目名	ナンバリング	単位数	担当教員名 ※(他):他専攻教員 ＊:非常勤教員	外国語	備考
MGGE6000	春	日本の環境法	ENV623-94J00	2	織　朱實		隔週開講，春学期集中※注1
MGGE6035	春	国際環境法	ENV625-94J00	2	*鈴木　詩衣菜		
MGGE6080	春	環境経営学	ENV622-94J00	2	鈴木　政史		
MGGE7110	春	産業エコロジー	ENV682-94J00	2	銭　学鵬		
MGGE7570	春	環境生態学	ENV629-94J00	2	田中　嘉成		
MGGE7590	春	環境経済学	ENV669-94J00	2	柘植　隆宏		
MGGE7640	春	地球環境システム学	ENV676-94J00	2	*一ノ瀬　俊明		
MGGE8000	春	リサーチ・メソッド	ENV601-94J00	2	*平尾　桂子		
MGGE8010	春	環境と健康	ENV602-94J00	2	*髙橋　一彰		
MGGE8040	春	環境データサイエンス	ENV694-94J00	2	安納　住子		
MGGE8070	春	環境研究のための統計学	ENV697-94J00	2	中川　善典		
MGGE8090	春	サステイナブル社会デザイン学	ENV695-94J01	2	中川　善典		春学期集中※注1
LWS54100	春	環境法政策	ENL702-1Q00	2	(他)北村　喜宣		(他)法科大学院
MGGE6025	秋	環境リスクマネジメント	ENV624-94J00	2	織　朱實		
MGGE6150	秋	気候変動と現代社会	ENV691-94J00	2	*野尻　幸宏		
MGGE6160	秋	地球環境政策・国際環境条約入門	ENV692-94J00	2	まくどなるど　あん		
MGGE6190	秋	環境リモートセンシング	ENV688-94J00	2	朴　慧美		
MGGE7130	秋	都市サステイナビリティ	ENV684-94J00	2	銭　学鵬		
MGGE7210	秋	エネルギーと環境	ENV604-94J00	2	*木村　浩		
MGGE7290	秋	環境教育	ENV611-94J00	2	(他)吉川　まみ		
MGGE7300	秋	環境研究のフロンティア	ENV607-94J00	2	コ)田中　嘉成		輪講，隔年開講
MGGE7560	秋	環境汚染の生態リスク	ENV628-94J00	2	田中　嘉成		
MGGE7600	秋	自然環境の経済評価	ENV670-94J00	2	柘植　隆宏		
MGGE7630	秋	環境計画・リスクマネジメント論	ENV616-94J00	2	黄　光偉		秋学期集中※注1
MGGE8050	秋	防災・減災と社会環境	ENV695-94J00	2	*三浦　一彦		
MTTH7780	秋	分野横断研究法:原理と技法	ENV695-94J02	2	コーディネータ (他)アイダル・ホアン （神学研究科） (他)池田　真 （文学研究科）		輪講 [30名] 博士前期課程または修士課程 1年次生対象 神学研究科神学専攻開講 ※注2
LWS54600	秋	比較環境法	ENV695-94J04	2	及川　敬貴		(他)法科大学院　隔年開講
MGGE6170	休講	森林生態学	ENV695-94J03	2			

※注1　集中講義科目の日程は、My Sophia掲示板で確認すること
※注2　評価にはP（合格）・X（不合格）を使用する。

Research Guidance List

Course Numbering	Instructor's Name	Notes
ENV632-94e00	ANNO Sumiko	
	HUANG Guangwei	
	MCDONALD Anne	
	NAKAGAWA Yoshinori	
	ORI Akemi	
	PUTHENKALAM John Joseph	
	QIAN Xuepeng	
	SUZUKI Masachika	
	TANAKA Yoshinari	
	TSUGE Takahiro	

6. Early Graduation

Students who wish to graduate in 2 or 3 semesters can apply for Early Graduation if they are in good academic standing by the judgment of the faculty and satisfy the following requirements:

A. Submit an “Early Graduation Request” form to the Graduate School Office during the registration period in the semester they wish to graduate.
B. Complete the required credits of courses from the IGCGENV curriculum by the time of graduation and obtain a GPA of 3.8 or higher.
C. Complete all the requirements and have M.A. thesis or research paper evaluated as “A”.

7. Double Degree M.A. Program

Master of Education, The Education University of Hong Kong (EdUHK)

<For students admitted in and after Autumn 2024>

Program participants are required to fulfill the requirements of EdUHK and GSGENV, and upon successful completion of the program, will be awarded two degrees – a degree for Master of Education from EdUHK and a degree for Master of Arts in Environmental Studies from Sophia University.

Details will be given at the guidance for newly entering students. Those with interest must contact the Dean of GSGENV during their first month of enrollment.

Applicants will be screened based on the submitted application documents at GSGENV for internal screening, and then proceed to screening by EdUHK.

Eligibility

Students enrolled in GSGENV

Language Requirement
*Only for General Course (Japanese-taught Program) applicants

IELTS 6.0 / TOEFL iBT 80 / Chinese Mainland's College English Test (CET) Band-6 score higher than 430

Standard Study Model for GSGENV Students

Entry	Sem. 1	Sem. 2	Sem. 3	Sem. 4
Spring/Autumn	Sophia	Sophia	EdUHK	Sophia

- *Sem. = Semester

For more details of the program and application procedure, please address your inquiries to the GSGENV office.

PH.D. CURRICULUM [Ph.D. in Global Environmental Studies]

PH.D. CURRICULUM [Ph.D. in Global Environmental Studies]

Overview

The PhD. in Global Environmental Studies is designed for the advanced study of specific areas related to the global environment. While the questions and lines of inquiry are interdisciplinary, research and writing agendas emphasize methods and concepts from various disciplines of economics, law, political science, sociology, natural science as well as engineering. The degree is intended to prepare persons for academic positions in research institutions, IGOs and NGOs engaged in the area of environmental issues, the public and private sector and requiring advanced knowledge pertaining to specific environmental and sustainability issues.

The International Graduate Course in Global Environmental Studies (IGCGENV) PhD. program requires a three-year residency and is focused upon the production of a doctoral dissertation. Candidates are encouraged to participate in workshops and other program activities while taking at least 6 credits from designated courses including the supervisor's course(s). PhD. candidates must first pass several qualifying exams and then, upon successful defense of a dissertation prospectus, proceed to dissertation research and writing. To ensure solid guidance of dissertation research and production, entrance is limited to only a few candidates each year.

1. Completion Requirements: Required Courses, Credits, Number of Course

【Students admitted in and after 2018】

Requirements	Credits	Number of courses	Remarks
Total credits	6		
Compulsory			
Electives	6		
Research Guidance (compulsory)		6	＊1 ＊3
Doctoral Dissertation			＊2

【Students admitted before 2017】

Requirements	Credits	Number of courses	Remarks
Total credits			
Compulsory			
Electives			
Research Guidance (compulsory)			＊1
Doctoral Dissertation			＊2

ⓘ ＊1 No credits given. Automatically registered. For details, see 4. Notes about course Enrollment 1) Completion Requirements.

ⓘ ＊2 Complete required research guidance, write a doctoral dissertation in English, submit by the designated deadline and successfully defend the doctoral dissertation.

ⓘ ＊3 Students admitted in and after 2024 and wishes to apply for early graduation will only be required to receive passing grades for the number of semesters they enrolled in.

2. Criteria for the Evaluation of Doctoral Dissertation

Based on the Diploma Policy, an applicant must exhibit the ability to continue research as an independent researcher and to make unique contribution to research in the field and area of his/her own specialization in the years to come, and must satisfy the following criteria at a high level. A submitted doctoral dissertation will be evaluated in accordance with the following criteria and points in order to determine whether an applicant has research competency of an international level in global environment studies and a potential to become a specialized human resource who contributes to the realization of a sustainable society.

1. **Dissertation topic:** The dissertation shall address the reason(s) for the selection of the topic to solve environmental issues today and clarify its appropriateness.
2. **Previous studies:** The dissertation shall cover previous studies on the selected topic up to now and exhibit the updated status of the studies appropriately.
3. **Originality:** The dissertation shall establish an original hypothesis that is the basis for approaching a dissertation topic relevantly, or illustrate original, unique aspects of research.
4. **Research method:** The dissertation shall demonstrate originally collected data or new materials to test a hypothesis. In addition, the dissertation shall integrate knowledge covering several academic disciplines including social science and natural science, or exhibit feedbacks between theories and practices.
5. **Dissertation structure:** The dissertation shall clearly exhibit the structure of the contents of the dissertation and the logical flow of research. There shall be consistency among the dissertation topic, the hypothesis, and the conclusion. In addition, the dissertation shall describe an original analysis comprehensively.
6. **Ethical standards:** The dissertation shall consider ethical standards with respect to research methods and the target(s) of analysis. In addition, the dissertation shall meet the ethical standards established by the university and the academic community.
7. **Format:** The dissertation shall sufficiently cover materials related to the dissertation topic and clearly indicate sources of information and data in citations and in a list of references. In addition, the dissertation shall demonstrate a high level of writing and follow required formats for the writing.
8. **Language:** The dissertation shall demonstrate the necessary knowledge of a foreign language.

The required dissertation review process shall follow the procedure stipulated in the Graduate School of Global Environmental Studies' internal regulations.

3. Curriculum Structure/credits [applicable to all matriculation years]

Course Title	Credits (Compulsory)	Credits (Compulsory elective)	Credits (Elective)
RESEARCH GUIDANCE	0		
環境生態学特論			2
日本の環境法特論			2
環境データサイエンス特論			2
自然環境の経済評価特論			2
産業エコロジー特論			2
サステイナブル社会デザイン学特論			2
ADVANCED BUSINESS STRATEGIES FOR SUSTAINABILITY			2
ADVANCED ENVIRONMENTAL POLICY: ANALYSIS AND PRACTICE			2
ADVANCED GLOBAL ENVIRONMENT OUTLOOK			2
ADVANCED ENVIRONMENTAL PLANNING			2
ADVANCED ENVIRONMENT AND DEVELOPMENT IN DEVELOPING COUNTRIES			2
ADVANCED STATISTICS FOR ENVIRONMENTAL STUDIES			2
ADVANCED WASTE MANAGEMENT IN ASIA			2
ADVANCED ENVIRONMENTAL DATA SCIENCE			2
ADVANCED STRATEGIC ENVIRONMENTAL MANAGEMENT			2
ADVANCED MARINE ENVIRONMENTAL POLICY			2
ADVANCED ENVIRONMENTAL ASSESSMENT			2
ADVANCED ECOLOGICAL RISK ASSESSMENT OF POLLUTANTS			2
ADVANCED ECONOMIC VALUATION OF THE NATURAL ENVIRONMENT			2
ADVANCED INDUSTRIAL ECOLOGY			2
ADVANCED FOREST AND HUMAN INTERACTIONS			2
ADVANCED ENVIRONMENTAL REMOTE SENSING			2

4. Notes about Course Enrollment

Research Guidance (non-credit but compulsory) will be registered every semester by the Center for Academic Affairs based on the notification of their advisors from the program office. They will be registered in late May for Spring semester and late November for Autumn semester. Students must receive passing grades at least six semesters for their Research Guidance.
Students admitted in 2024 and after who wish to apply for early graduation will only be required to receive passing grades for the number of semesters they enrolled in.

Professor:
TANAKA Yoshinari, NAKAGAWA Yoshinori, PUTHENKALAM John Joseph, ORI Akemi, McDONALD Anne, HUANG Guangwei, SUZUKI Masachika, ANNO Sumiko, TSUGE Takahiro, QIAN Xuepeng

Upon passing the qualifying examination and successful defense of dissertation prospectus, a student must submit the doctoral dissertation in English according to specified procedures, and successfully defend it before the examination committee. For details regarding course enrollment and requirements for submitting the doctoral dissertation, refer to the GSGENV Student Handbook handed out at the new students' orientation in the beginning of the semester.

5. List of Courses Offered (applicable to all matriculation years)

5. List of Courses Offered (applicable to all matriculation years)

Registration Code	Semseter	Course Title	Course Nubering	Credits	Instructor *：Part-time teacher Co)：Coordinator	Offered in English	Remarks
DGGE7010	春	環境生態学特論	ENV802-94j00	2	田中　嘉成		
DGGE7030	春	日本の環境法特論	ENV803-94j00	2	織　朱實		隔週開講，春学期集中
DGGE7240	春	産業エコロジー特論	ENV828-94j00	2	銭　学鵬		
DGGE7280	春	環境データサイエンス特論	ENV832-94j00	2	安納　住子		
DSCT8000	春	ジョブ型研究インターンシップI	SCT808-75j00	2	高井　健一		（他）理工学研究科
DGGE7210	秋	自然環境の経済評価特論	ENV821-94j00	2	柘植　隆宏		
DGGE7300	春	サステイナブル社会デザイン学特論	ENV834-94j00	2	中川　善典		春学期集中※
DSCT8100	秋	ジョブ型研究インターンシップII	SCT808-75j00	2	高井　健一		（他）理工学研究科
DGGE7070	SPR	ADVANCED BUSINESS STRATEGIES FOR SUST	ENV806-94e00	2	SUZUKI Masachika	○	
DGGE7140	SPR	ADVANCED GLOBAL ENVIRONMENT OUTLOO	ENV812-94e00	2	HUANG Guangwei	○	
DGGE7230	SPR	ADVANCED ENVIRONMENTAL PLANNING	ENV823-94e00	2	HUANG Guangwei	○	
DGGE7250	SPR	ADVANCED INDUSTRIAL ECOLOGY	ENV829-94e00	2	QIAN Xuepeng	○	
DGGE7260	SPR	ADVANCED FOREST AND HUMAN INTERACTIO	ENV830-94e00	2	*KOYAMA Christian Naohide	○	
DGGE7290	SPR	ADVANCED ENVIRONMENTAL DATA SCIENCE	ENV833-94e00	2	ANNO Sumiko	○	
DGGE7310	SPR	ADVANCED STATISTICS FOR ENVIRONMENTA	ENV835-94e00	2	NAKAGAWA Yoshinori	○	
DGGE7080	Not Offered	ADVANCED MARINE ENVIRONMENTAL POLIC	ENV807-94e00	2	MCDONALD Anne	○	
DGGE7120	Not Offered	ADVANCED ENVIRONMENTAL POLICY: ANALY	ENV810-94e00	2	MCDONALD Anne	○	
DGGE7090	AUT	ADVANCED ENVIRONMENTAL ASSESSMENT	ENV808-94e00	2	HUANG Guangwei	○	
DGGE7110	AUT	ADVANCED STRATEGIC ENVIRONMENTAL MA	ENV809-94e00	2	SUZUKI Masachika	○	
DGGE7160	AUT	ADVANCED WASTE MANAGEMENT IN ASIA	ENV814-94e00	2	ORI Akemi	○	
DGGE7170	AUT	ADVANCED ENVIRONMENT AND DEVELOPME	ENV815-94e00	2	PUTHENKALAM John Joseph	○	
DGGE7180	AUT	ADVANCED ECOLOGICAL RISK ASSESSMENT (	ENV816-94e00	2	TANAKA Yoshinari	○	
DGGE7220	AUT	ADVANCED ECONOMIC VALUATION OF THE N	ENV822-94e00	2	TSUGE Takahiro	○	
DGGE7270	AUT	ADVANCED ENVIRONMENTAL REMOTE SENSI	ENV831-94e00	2	PARK Haemi	○	

※集中講義科目の日程は、My Sophia授業掲示板で確認すること

5. Research Guidance List

Course Numbering	Instructor's Name	Notes
ENV820-94e00	ANNO Sumiko	
	HUANG Guangwei	
	MCDONALD Anne	
	NAKAGAWA Yoshinori	
	ORI Akemi	
	PUTHENKALAM John Joseph	
	QIAN Xuepeng	
	SUZUKI Masachika	
	TANAKA Yoshinari	
	TSUGE Takahiro	

6. Early Graduation (Students who entered in 2024 or after)

Students who wish to graduate in 4 or 5 semesters can apply for Early Graduation if they are in good academic standing by the judgment of the faculty and satisfy the following requirements:

A. Submit an “Early Graduation Request” form to the Graduate School Office during the registration period in the semester they wish to graduate.
B. Complete the required credits of courses from the IGCGENV curriculum by the time of graduation.
C. Two peer-reviewed academic journal papers. One of them must be published or accepted for publication by a SCI or SSCI-indexed journal.
D. Oral presentation in an academic international conference with good publicity, having participations of researchers from various countries and regions.

Ph.D. Degree Requirements and Schedules

A doctoral student begins working towards the doctoral degree upon matriculation in IGCGENV. The doctoral program consists of course seminars and individual study and research that meet the minimum requirements of the GSGENV and is approved by the doctoral committee for each individual student. With successful acceptance of the dissertation draft, typically in the third semester, the student is considered as a doctoral candidate. The general requirements for the Ph.D. are a three-year residency and the writing of a dissertation that is successfully defended and accepted by the dissertation committee. For students entering from in or after 2018, earning 6 credits from the designated courses is also mandatory. Note that doctorates are not awarded by completing a specified number of courses or credits.

Process for Attaining a Doctorate Degree

For details, refer to the GSGENV Student Handbook.

Step 1: Earning credits (students entering in or after 2018)

A doctoral student must take at least 6 credits from the specified courses in IGCGENV during the enrollment period.

Step 2: Submission of “Dissertation Title” Form

Doctoral students must submit their doctoral dissertation title to their supervisor in the first semester of their first year after officially entering the doctoral program. A tentative title is acceptable and title changes based on consultation with supervisor are allowed later.

Step 3: Presentation of Dissertation Plan

At the beginning of the second year of studies, doctoral students must present their dissertation plan to all the faculty members of the IGCGENV. Furthermore, depending on consultation with and permission from supervisor, the doctoral student may be given a chance to present their progress once a year.

Step 4: Submission of Dissertation Draft and Dissertation Proposal Defense

To become a doctoral candidate, students must submit a draft of the dissertation and present and defend it in front of the faculty members of the IGCGENV. If necessary, an outside reader may be invited to the proposal defense under the consent of the faculty. Upon successful evaluation of the dissertation draft, the doctoral student will officially qualify as a doctoral candidate and should proceed to finalize their research and write up their dissertation. Doctoral candidates are required to consult with their supervisor throughout the writing process of their dissertation.

Step 5: Dissertation Submission and Defense

The final dissertation must be submitted by the end of the semester prior to the one during which the candidate intends to defend the dissertation. It must be submitted to the supervisor first to be evaluated at the faculty meeting. The dissertation must obtain approval by the faculty meeting before it is officially

submitted to the Center for Academic Affairs. Upon successfully defending the dissertation before the committee, a doctoral degree will be conferred.

Graduate Program in Education

＊For Graduate Program in Education,
please refer to the
“2025 Academic Handbook (2025年度 履修要覧［大学院科目編］)”

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