

Subjects and Credits Approved by the Graduate School of Innovation and Practice for Smart Society

At the Graduate School of Innovation and Practice for Smart Society, we provide the following subjects and credits. Please check the class contents, requirements, evaluations, registration, and credits, including how to earn said credits.

List of Subjects

1. Subjects

For the Master's Course [* indicates the No. of Required Credits]

Subject Type	Subjects	Class Contents
Basic Module *4	Academic Writing I [1 credit, 1 st or 2 nd semester, compulsory elective]	In this subject, you will learn the basics of academic writing for abstracts of presentations at international conferences and for writing academic papers in English. As for presenting at international conferences, students will learn how to clearly describe the purpose and results of their research in an abstract, how to create a poster for a poster presentation, and how to organize an oral presentation. In addition, students will learn the structure of English papers, how to construct a paper, how to proceed with discussions from a broad perspective (which is necessary for practical science), and how to write introductions, conclusions, and experimental sections.
Practical Module *2	Internship [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject provides training for practical science through work experience in the field. Through internships at domestic and international private companies, international organizations, government agencies, and non-profit organizations, students will learn about the operation of companies and organizations, and contribute to solving related social issues.
	Fieldwork [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject provides training for practical science through field research activities. Fieldwork is an investigation and research activity conducted in domestic and overseas settings. This subject is also based on a fieldwork implementation plan (including the purpose, duration, region, research content, contact information, signature of supervisor, etc.) prepared by the student under the guidance of the supervisor.
	Overseas Academic Activities for Smart Society [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject aims to promote an international perspective and global communication skills, the program includes participation in international symposia and conferences, activities at overseas academic institutions and private companies, and collaborative research with researchers abroad.
	Science Seminar for Smart Society A [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject aims to cultivate broad knowledge and perspectives by exposing students to the latest research in various fields related to Smart Society Practical Science. Students are required to attend 15 advanced seminars in the Smart Society Practical Science domain. It is also recommended that the student attends at least one seminar in another field, including those conducted overseas.

For the Doctoral Course [* shows the No. of Required Credits]

Subject Type	Subjects	Class Contents
Practical Knowledge Development Module *1	Academic Writing II [1 credit, 1 st or 2 nd semester, compulsory elective]	In this subject, you will learn how to write a thesis in English and submit it to a journal, thereby striving to obtain practical and specific writing skills. This includes how to evaluate your research, how to select a journal to which you will contribute your thesis, and how to collect research data. While learning about easy-to-understand, logical thesis composition by examining specific examples, you will strive to obtain English writing techniques.
Practical Knowledge Application Module *2	Advanced Internship [2 credits, 1 st or 2 nd semester, compulsory elective]	In order to students to become researchers and advanced professionals who can build a sustainable society, it is important for them to understand how their specialized research is conducted and developed for social implementation in the real world. Thus, internships are conducted at academic institutions and companies in Japan and abroad to improve communication skills, cultivate social skills as professionals (through discussions with business people and members of society), and learn how to conduct research as a job.
	Advanced Fieldwork [2 credits, 1 st or 2 nd semester, compulsory elective]	Students will conduct research activities in domestic and overseas settings related to their field of specialization. This subject is based on a fieldwork implementation plan (including the purpose, duration, region, research content, contact information, signature of supervisor, etc.) prepared by the student under the guidance of the supervisor.
	Academic Research Overseas for Smart Society [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject aims to cultivate individuals capable of conducting advanced interdisciplinary research as international leaders. Through academic activities abroad and collaborative research with overseas researchers, students will enhance the English communication skills required for research activities and deepen their understanding of the importance of building international networks.
	Science Seminar for Smart Society B [2 credits, 1 st and 2 nd semesters, compulsory elective]	This subject aims to cultivate broad knowledge and perspectives by exposing students to the latest research in various fields related to Smart Society Practical Science. Students are required to attend 15 advanced seminars in the Smart Society Practical Science domain. It is also recommended that the student attends at least one seminar in another field, including those conducted overseas.

2. Class Requirements of Academic Writing I for the master's course and Academic Writing II for the doctoral course

(1) Procedures

1) Students and supervisors shall plan for the acquisition of matters related to the submission of academic

papers and presentations at international conferences in English.

2) The supervisor shall provide guidance to the students in the laboratory.

3) The supervisor notifies the Dean of the Graduate School (the Support Office) of the list of students and their evaluations after the guidance described in 2) above.

4) A credit will be granted based on the report from your supervisor regarding the implementation of the class [the Support Office will register the academic record and the credit].

(2) Document to be submitted

- Academic Writing Report

3. Class Requirements of the Internship for the master's course and Advanced Internship for the doctoral course * You do not need to register through My Momiji in order to take this subject.

(1) Procedure

1) Under the guidance of the supervisor, the student shall prepare an implementation plan and students shall conduct the internship based on the implementation plan.

2) The total number of hours worked must be 60 or more hours. However, please complete it without interrupting your regular classes.

3) After completing your activity, submit the following documents to your supervisor:

- An Internship Implementation Report (non-prescribed form, minimum of four A4 pages)
- Certificate of Acceptance and Completion of Internship (prescribed form) prepared by your internship organization.
- Application for Recognition of Credits (prescribed form)

4) Your performance will be evaluated based on the documents you submit through your supervisor and the level of your accomplishment in terms of the purposes of your academic activities and research and reported to the Dean of the Graduate School (the Support Office).

5) A credit will be granted by the Dean of the Graduate School based on the report from your supervisor regarding the implementation of the Internship. The Support Office will register the academic record and the credit.

(2) Documents to be submitted:

- Report on the Internship
- Certificate of Acceptance and Completion of the Internship (prescribed form)
- Application for the Recognition of Credits (prescribed form)

4. Class Requirements of Fieldwork for the master's course and Advanced Fieldwork for the doctoral course

(1) Procedure

1) Under the guidance of the primary supervisor, the student shall prepare an implementation plan and students shall conduct the fieldwork based on the implementation plan.

2) The total number of hours conducted fieldwork must be set at least two or more weeks. However, please complete it without interrupting your regular classes.

3) After completing your activity by the end of the next semester, submit the following documents to your primary supervisor:

- A Fieldwork Implementation Report (non-prescribed form, at least four A4 pages)
- Application for Recognition of Credit (prescribed form)

4) Your performance will be evaluated based on the documents you submit through your primary supervisor and the level of your accomplishment in terms of the purposes of your academic activities and research, and reported to the Dean of the Graduate School (the Support Office).

5) A credit will be granted by the Dean of the Graduate School based on the report from your supervisor regarding the implementation of the Fieldwork. The Support Office will register the academic record and the credit.

(2) Documents to be submitted:

- Report on the Fieldwork
- Application for the Recognition of Credits (prescribed form)

5. Class Requirements of Overseas Academic Activities for Smart Society for the master's course and Academic Research Overseas for Smart Society for the doctoral course

(1) Procedure

1) Under the guidance of the primary supervisor, the student shall prepare an implementation plan and shall

engage in international conference presentations, presentations in foreign languages, academic training, and collaborative research. However, please complete it without interrupting your regular classes.

2) After completing your activity by the end of the next semester, submit the following documents to your primary supervisor:

- Overseas Academic Activities for Smart Society / Academic Research Overseas for Smart Society Report (prescribed form)

- Application for Recognition of Credit (prescribed form)

- Supporting materials such as conference abstracts, when necessary

3) Your performance will be evaluated based on the documents you submit through your primary supervisor and the level of your accomplishment in terms of the purposes of your academic activities and research, and reported to the Dean of the Graduate School (the Support Office).

4) A credit will be granted by the Dean of the Graduate School based on the report from your supervisor. The Support Office will register the academic record and the credit.

(2) Documents to be submitted:

- Report on the Overseas Academic Activities for Smart Society / Academic Research Overseas for Smart Society (prescribed form)

- Application for the Recognition of Credits (prescribed form)

6. Class Requirements of Science Seminar for Smart Society A for the master's course and Science Seminar for Smart Society B for the doctoral course

(1) Procedure

1) Under the guidance of the primary supervisor, the student shall attend fifteen advanced seminars in the field of Smart Society Practical Science. Joint seminars held by other graduate schools and doctoral dissertation public hearings shall also be included. Such activities shall be conducted to the extent that they do not interfere with regular coursework or other official academic obligations.

2) After attending the fifteen seminars, the student shall submit the following documents to the primary supervisor and obtain confirmation by signature before the end of the next semester.

- Participation Certificate (prescribed form)

- Application for Recognition of Credit for Science Seminar for Smart Society A • B (prescribed form)

3) Please submit the Participation Certificate and the Application for Recognition of Credit for Science Seminar for Smart Society A • B to the Support Office. Please note that the period for accepting applications is from the time of enrollment until completion of the program.

(2) Documents to be submitted:

- Participation Certificate (prescribed form)

- Application for Recognition of Credit for Science Seminar for Smart Society A • B (prescribed form)

単位認定申請書
Application for the Recognition of Credits

年 月 日
Date: (Year) (Month) (Day)

スマートソサイエティ実践科学研究院長 殿

To: The Dean of the Graduate School of Innovation and Practice for Smart Society

学生番号
Student Number
氏 名
Name

認定科目の単位等の認定を受けたいので、報告書等を添付の上、申請します。

I hereby apply for the recognition of credits for designated courses, with reports or other required documents attached hereto.

該当科目に○ Place a circle in the appropriate box.	認定科目 Designated Course	備 考 Remarks
	Internship	博士課程前期 Master's Course
	Fieldwork	博士課程前期 Master's Course
	Advanced Internship	博士課程後期 Doctoral Course
	Advanced Fieldwork	博士課程後期 Doctoral Course

主指導教員氏名 Name of the Supervisor	
主指導教員評価 Evaluation by the Supervisor	秀 優 良 可 Excellent, Very Good, Good, Fair

Date _____年____月____日
yyyy mm dd

広島大学大学院スマートソサイエティ実践科学研究院長 宛
To: The Dean of the Graduate School of Innovation and Practice for Smart Society, Hiroshima University

Internship/Advanced Internships 受入・修了証明書
Certificate of Acceptance and Completion of the Internship/Advanced Internship

下記のとおり受け入れ、修了したことを証明します。

We certify that we have accepted the following individual and he/she has completed our international cooperative research.

記

受入学生氏名 : _____
Name of the Student

受入条件等 Acceptance Conditions	実習期間 Period	_____年____月____日 ~ _____年____月____日 From: yyyy mm dd To: yyyy mm dd
	総実習時間 Total Hours	() 時間/hours
	実習テーマ Theme	
	交通費等 Transportation Expenses	大学（又は学生）の自己負担 Own Expense
	傷害・賠償 責任保険等 Insurances	「学生教育研究災害傷害保険」及び「学研災付帯賠償責任保険」に加入。 （日本国外で実施する場合は、「海外旅行傷害保険」にも加入。） Students must purchase Personal Accident Insurance for Students Pursuing Education and Research, and Liability Insurance. In the case of conducting research outside of Japan, students must purchase additional University Contracted Travel Insurance.

住 所 Address _____

所属機関 Institution _____

所 属 長 Head of the Institution _____印

Science Seminar for Smart Society A・B 単位認定申請書
Application for Recognition of Credit for “Science Seminar for Smart Society A・B”

年 月 日
Date: (Year) (Month) (Day)

大学院スマートソサイエティ実践科学研究院長 殿
To: The Dean of the Graduate School of Innovation and Practice for Smart Society

学生番号 / Student ID
氏 名 / Name

Science Seminar for Smart Society の単位認定を受けたいので、聴講届を添付のうえ、申請します。
I hereby apply for the recognition of the Science Seminar for Smart Society, with Participation Certificate or other required documents attached hereto.

回数 Number	日付(年月日) Date (YY/MM/DD)	講師名 Lecturer's Name	開催者 Facilitator
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

注意：海外で開催されるものも含む、他領域のセミナーを1回以上聴講することが望ましい。
Note: It is desirable to attend at least one seminar in another research field, including those held overseas.

主指導教員氏名 Name of Academic Supervisor	
--	--

Science Seminar for Smart Society (A)(B)用/Science Seminar for Smart Society (A)(B)

広島大学大学院スマートソサイエティ実践科学研究院/Graduate School of Innovation and Practice for Smart Society.

聴講届 Participation Certificate		
日付 年月 日 Date (YY/MM/DD)	講師名 Lecturer	
演題 Subject of Lecture		
学生番号 Student ID	氏名 Name	Seal or Signature
セミナー担当教員(世話教員等*)確認 Participation Certification by Facilitator		Seal or Signature
世話研究科等* Facilitated Program etc.		

* オンライン開催の場合は主指導教員

Science Seminar for Smart Society (A)(B)用/Science Seminar for Smart Society (A)(B)

広島大学大学院スマートソサイエティ実践科学研究院/Graduate School of Innovation and Practice for Smart Society.

聴講届 Participation Certificate		
日付 年月 日 Date (YY/MM/DD)	講師名 Lecturer	
演題 Subject of Lecture		
学生番号 Student ID	氏名 Name	Seal or Signature
セミナー担当教員(世話教員等*)確認 Participation Certification by Facilitator		Seal or Signature
世話研究科等* Facilitated Program etc.		

* オンライン開催の場合は主指導教員

Science Seminar for Smart Society (A)(B)用/Science Seminar for Smart Society (A)(B)

広島大学大学院スマートソサイエティ実践科学研究院/Graduate School of Innovation and Practice for Smart Society.

聴講届 Participation Certificate		
日付 年月 日 Date (YY/MM/DD)	講師名 Lecturer	
演題 Subject of Lecture		
学生番号 Student ID	氏名 Name	Seal or Signature
セミナー担当教員(世話教員等*)確認 Participation Certification by Facilitator		Seal or Signature
世話研究科等* Facilitated Program etc.		

* オンライン開催の場合は主指導教員