

## 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 <sup>st</sup> or 2 <sup>nd</sup> 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 <sup>st</sup> and 2 <sup>nd</sup> 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 <sup>st</sup> and 2 <sup>nd</sup> 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.

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 <sup>st</sup> or 2 <sup>nd</sup> 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 <sup>st</sup> or 2 <sup>nd</sup> semester, compulsory elective]	In order for 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 <sup>st</sup> or 2 <sup>nd</sup> 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.
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## 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)

Academic Writing (I・II) 実施報告書  
Academic Writing (I・II) Report

Date: (Year)      年      月      日  
(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

主指導教員氏名

Supervisor's Name

下記学生に対して、英語論文執筆指導を行いましたので、単位の認定を報告します。

I hereby report the recognition of credits for the following students. I have given them the necessary instruction to write academic papers in English.

記

[illegible]

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

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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	主指導教員確認 Confirmation of the Supervisor	印又は署名 Seal or Signature

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	From: _____ 年 _____ 月 _____ 日 ~ _____ 年 _____ 月 _____ 日 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

Internship/Advanced Internship 報告書  
Report on the Internship/Advanced Internship

提出日            年        月        日  
Date: Year        Month        day

学生番号 Student ID		氏名 Name	
実習先機関等 Institution			
実習地域（国，都道府県等） Place（country, prefecture, etc.）			
監督責任者 Supervisor(s) of the Internship			
実習期間 Period	From ____/____/____ To ____/____/____ yyyy / mm / dd                   yyyy / mm / dd ＊ 実働日数/Number of days to work      日/days （1 日 8 時間換算/Counted as eight hours/day）		
実習テーマ Theme			
<p>※報告書は A4・4 枚以上とする。A report must consist of a <b>minimum of four pages</b> (A4 format).</p> <p>インターンシップ計画の概要，実施内容，主な成果，インターンシップを通して学んだ点，今後の課題など。          Outlines of the internship plan, the activities implemented, the major results from the internship, the major learning through the internship, future challenges, etc.</p>			
主指導教員所見    Comments by the Supervisor			
<div>主指導教員    氏名    Supervisor's Name</div>			

Fieldwork/Advanced Fieldwork 報告書  
Fieldwork/Advanced Fieldwork Report

提出日 年 月 日  
Date: Year Month day

学生番号 Student ID		氏名 Name	
調査地 Field			
調査期間 Period	From ____/____/____ To ____/____/____ yyyy / mm / dd                   yyyy / mm / dd * 日数/ Number of days to work      日/days		
調査テーマ Theme			
<p>※報告書は A4・4 枚以上とする。A report must consist of a <b>minimum of four pages</b> (A4 format).</p> <p>調査計画の概要，調査の実施内容，主な調査成果，調査を通して学んだ点，今後の課題など。 Outlines of the internship plan, the activities implemented, the major results from the internship, the major learning through the internship, future challenges, etc.</p>			
主指導教員所見    Comments by the Supervisor			
主指導教員 氏名    Supervisor's Name			