

Graduate School of Science and Technology, GUNMA UNIVERSITY

Dual Degree Doctoral Programme Application Guide

October 2024, April/October 2025 Enrollment

1. General Information of the Dual Degree Programme

The Graduate School of Science and Technology (Civil and Environmental Engineering) has established its dual degree doctoral programme with Deakin University in Australia. The programme provides the opportunity to graduate students from both universities to simultaneously pursue the Doctoral degrees from Gunma University and Deakin University.

2. Types of degrees

The dual degree doctoral programme will allow students to undertake the following dual degrees awarded from each university:

Gunma University: Doctoral of Philosophy in Science and Technology

Deakin University: Doctor of Philosophy (Engineering)

3. Programme outline

- Each student must start at the home university originally enrolled at the beginning of their academic year, and subsequently, the student enrolls in Gunma University as a regular degree student to fulfil conditions for acquiring a doctoral degree

- Programme duration

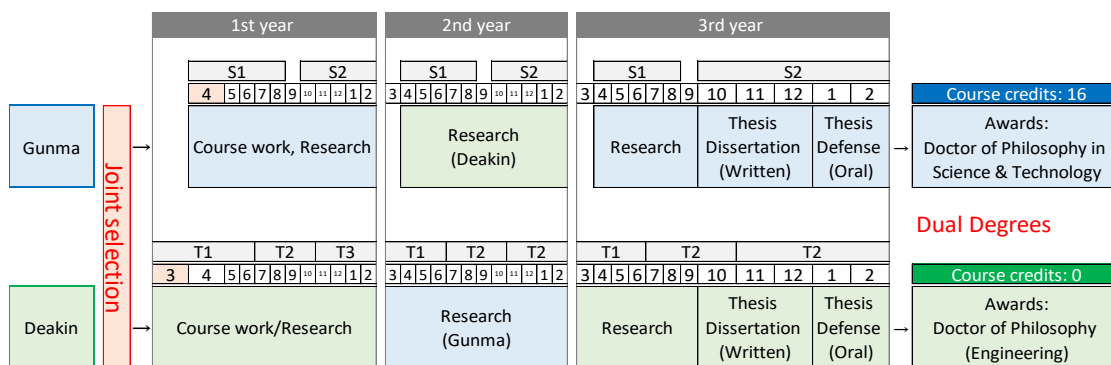
The intended period of study for the dual degree programme will be three years. This could be shortened or extended in accordance with the rules in force at both universities. The research related to the doctoral thesis will be carried out in both universities and the students will be receiving both online and face-to-face co-supervision from both universities.

The dual degree doctoral students will spend their first year at home university, and the remaining years of research period at either Gunma or Deakin University. The students can stay either at Gunma or Deakin up to 1 year depending on the level study and the nature of the subject.

- Gunma University can accept transfer of credits obtained from Deakin

University if necessary. Students from Deakin University can have access to regular courses at Gunma and enjoy the same rights and be subject to the same rules and regulations as the regular students at Gunma University.

➤ Timeline image for Deakin University students



➤ Course list at Gunma University (PhD Programme)

Course	Course name	Instructor	Credits
Core course	Special Topic in Environmental Engineering (環境創生工学特論)	Prof. Watanabe	2
	Structural Design Engineering (構造設計工学特論)	Prof. Ozawa	2
	Geotechnical & Geoenvironmental Engineering (地盤環境工学特論)	Prof. Wakai	2
	Environmental Hydraulics & Econology (流域環境学特論)	Prof. Shimizu	2
	Disaster Social Engineering (災害社会工学特論)	Prof. Kanai	2
	Advanced Research Proposal (理工学専攻リサーチプロポーザル)		1
Elective course	International Research Internship (国際インターンシップ)		1
	Long-term Internship (上級長期インターンシップ)		2
	Basic Training for Being Corporate Researchers (研究人材就業力養成基礎)		2
	Engineering Entrepreneurship (実践アントレプレナーシップ特論)		1
	Leadership Development Course (実践研究リーダーシップ特論)		1
	Basic Training for Being Global Corporate Researchers (実践グローバル研究特論)		1
	Seminar in Specialised Topics 理工学研究特別演習		2
	Experimental Research in Speialised Topics 理工学研究特別実験		6
			16

#### 4. Language

##### English

Students can also take courses conducted in English at Gunma University.

#### 5. Requirements for completion

The followings are the requirements for completion of a Doctoral degree at the Graduate School of Science and Technology (Civil and Environmental Engineering).

##### ① Acquisition of at least 16 credits

##### Registration model

Course	Course name	Instructor	Credits	
Core course	Special Topic in Environmental Engineering (環境創生工学特論)	Prof. Watanabe		
	Structural Design Engineering (構造設計工学特論)	Prof. Ozawa	2	←taken
	Geotechnical & Geoenvironmental Engineering (地盤環境工学特論)	Prof. Wakai	2	←taken
	Environmental Hydraulics & Econology (流域環境学特論)	Prof. Shimizu	2	←taken
	Disaster Social Engineering (災害社会工学特論)	Prof. Kanai		
Elective course	Advanced Research Proposal (理工学専攻リサーチプロポーザル)		1	←taken
	International Research Internship (国際インターンシップ)		1	←taken
	Long-term Internship (上級長期インターンシップ)			
	Basic Training for Being Corporate Researchers (研究人材就業力養成基礎)			
	Engineering Entrepreneurship (実践アントレプレナーシップ特論)			
	Leadership Development Course (実践研究リーダーシップ特論)			
	Basic Training for Being Global Corporate Researchers (実践グローバル研究特論)			
	Seminar in Specialised Topics 理工学研究特別演習		2	←taken
	Experimental Research in Specialised Topics 理工学研究特別実験		6	←taken
			16	

- ② At least **3 months** no more than 1 year stay at Gunma University

**ダブルディグリーで受入する留学生の本学での滞在期間について（補足説明）**

- ディーキン大学の1セメスターが3カ月のため、本学での実留学期間も最低1学期間の滞在（3カ月）とする
  - 大学設置基準において、大学院課程の場合、オンライン授業により修得可能な単位数の上限が置かれていないため、対面での研究指導が必要な期間を除いて、学生の留学の利便性を考慮し、また経済的負担を軽減する。
- （結論）土木環境コース会議で議論した結果、フィールド調査や実験を本学での滞在期間3カ月で集中して行い、データ解析・講義科目の履修等はオンラインを活用した共同指導で対応する。

## 6. Application

- Application and admission schedule for AY 2024 (Oct), AY 2025 (Apr, Oct)

	Enrollement						
	Apr-25			Oct-24		Oct-25	
Submission of application documents	7/1-7/11	11/11-11/15	2/3-2/6	5/13-5/17	7/1-7/11	Middle of May	Beginning of July
Interview examination	8/23	12/13	2/28-3/4	6/10-6/14	8/23	Middle of June	Middle of August
Announcement of results	9/3	1/17	3/17	7/5	9/3	Beginning of July	Beginning of September

※ Note that all application documents must be submitted by the deadlines. For the internal deadline set by Deakin University, please contact the relevant office.

- Application process

Below are the basic steps that students need to take to submit an application.

Step 1:	<p>Contact the programme coordinator before your application. The coordinator will check your entry requirements and eligibility.</p> <p>※ You may need to undergo an entrance qualification assessment before the official application.</p> <p>※ Please submit your CV including a list of published articles or research results</p> <p>Associate Professor, Takako Ochi Global Initiative Centre, Gunma University E-mail: <a href="mailto:tochi@gunma-u.ac.jp">tochi@gunma-u.ac.jp</a></p>
Step 2:	<p>Write a research proposal including the following:</p> <ul style="list-style-type: none"> <li>- Title</li> <li>- Aims, objectives and background</li> <li>- Research question(s)</li> <li>- The body of data you intend to research</li> <li>- Methodology and analysis</li> <li>- Timescale</li> </ul>
Step 3:	Online discussion with a prospective supervisor at Gunma University
Step 4:	Submit your application

- Application documents

Applicants for the dual degree doctoral programme are required to submit all of the documents by the deadlines

1	Auto reply email	Save the replay email you receive after online registration
2	Photograph sheet and exam administration ticket	Use the designated form [FORM 1]
3	Academic transcript (Undergraduate)*	Original only
4	Academic transcript (Master's) *	Original only
5	Certificate of completion or Certificate of expected completion *	Original only
6	Master's thesis summary	Write a summary of your master's thesis in no more than 500 words in English (word file)
7	Master's course research summary	Write a summary of your master's course research in no more than 500 words in English (word file)
8	Reason for application	Use the designated form [Form 6]
9	CV	Use the designated form [Form 2]
10	Copy of your passport	
11	Certificate of examination fee transfer	Print out the designated form [Form 3] and attach your Certificate of Payment.
12	Letter of Recommendation	

\*Applicants who have passed the entrance qualifications assessment are not required to submit the documents

#### 7. Scholarship and financial aid

For Deakin University students, Gunma University may be able to provide a scholarship, JPY 80,000 per month.

#### 8. Housing

Gunma University will arrange a housing for dual degree doctoral programme students.

The rent fees: JPY 25,000 per month including utilities.

#### 9. Contact information

[Dual Degree Doctoral Programme Coordinator]

Associate Professor, Takako Ochi

Global Initiative Centre, Gunma University

E-mail: [tochi@gunma-u.ac.jp](mailto:tochi@gunma-u.ac.jp) | Tel: +81-27-220-7506

[Civil and Environmental Engineering Programme Course leader]

Professor Akihiko Wakai

Graduate School of Science and Technology, Gunma University

E-mail: [wakai@gunma-u.ac.jp](mailto:wakai@gunma-u.ac.jp) | Tel: +81-277-30-1624

**Application for admission: Ducal Degree Doctoral Programme**

**Desired enrolment:**

- ☐ October 2024  
☐ April 2025  
☐ October 2025

**Desired period of research at Gunma (MM/YYYY):**

From: \_\_\_\_\_

To: \_\_\_\_\_

Please paste a  
photo facing  
straight at the  
camera.

**INSTRUCTIONS:**

- Please type in the application. No handwriting.
- Attach all the necessary documents indicated in this form.

**1. Name in Roman letters**

Family name	First name	Middle name
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**2. Date of Births (DD/MM/YYYY)**

Date	Month	Year
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**3. Current contact address**

Address:	
E-mail:	
Phone:	

**4. Your supervisor(s) at Deakin University**

Name:	
Affiliation:	
E-mail:	

Name:	
Affiliation:	
E-mail:	

**5. Potential supervisor at Gunma University**

	Professor's name
1 <sup>st</sup> choice	
2 <sup>nd</sup> choice	

**6. Your research interests**

Please write down the title of your planned research and indicate keywords and attach a research proposal.

The title:	
Key words:	

**7. Educational background and currently enrolled programme at Deakin University**

- ✂ Please attach official academic transcripts for all education.
- ✂ Attached a list of publications (if any)

■ Bachelor

Name of the university:	
Major field:	
Period of enrollment (MM/YYYY):	From: To:
Bachelor's thesis title:	

■ Master

Name of the university:	
Major field:	
Period of enrollment (MM/YYYY):	From: To:
Master's thesis title:	

■ Doctoral

Name of the university:	
Major field:	
Period of enrollment (MM/YYYY):	From: To:



**8. Employment record (if any)**

Name of organization:	
Country of organization:	
Period of employment (MM/YYYY):	From: To:
Position:	

Name of organization:	
Country of organization:	
Period of employment (MM/YYYY):	From: To:
Position:	

**9. Contact person at Deakin University**

Name:	
Affiliation:	
Relationship with you:	
E-mail:	
Tel:	

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**Contact:**

Associate Professor, Takako Ochi  
Global Initiative Centre, Gunma University  
E-mail: [tochi@gunma-u.ac.jp](mailto:tochi@gunma-u.ac.jp)  
Tel: +81-27-220-7506