

Graduate School of Systems Engineering (Doctoral Program)

Admissions Policy

The Graduate School of Systems Engineering doctoral program seeks students who have acquired the following knowledge and abilities:

1. The advanced capability, skills, and creative thinking to conduct research in a specialized field, and in multiple fields of engineering after entering the graduate school doctoral program
2. The ability to identify unsolved problems in the field of engineering and develop plans and manage tasks to solve them
3. The willingness and attitude to proactively explore new fields and create social innovation in the field of engineering
4. The ability to logically explain their own research activities to others in Japan and overseas
5. The eagerness and attitude to cooperate with diverse people in Japan and overseas to solve problems ethically in various fields of engineering

Expectations after admissions

After admissions, students are required to have the ability to learn independently based on specialized ability in engineering, and the ability, skills, and research capability to cooperate with people in various fields. Students are expected to have the following knowledge and abilities.

All Courses

1. To independently gain the latest specialized knowledge of combined fields of engineering
2. To acquire the ability to conduct research and develop research papers that can withstand an international standard of discussion
3. To develop a global perspective on the complex problems in contemporary society and work toward solving these problems with independent and pioneering solutions

Systems Engineering Course

4. To take on a leadership role in research teams

Global Engineering Course

4. To take the initiative to pursue research in cooperation with overseas researchers

Basic Policy for Admissions

Applicants' specialized knowledge in research and the status and ideas of research are comprehensively assessed, via descriptions of their previous research, research plans, application documents, and interviews.

2027 Academic Year Admissions Guidelines
Doctoral Program
Graduate School of Systems Engineering
Wakayama University

1. Admission Quota

Specialty	Cluster (Research Area)	Admission Quota	Remarks
Systems Engineering	Communication Science	8	<u>Second-round admissions will only be held when the admission quota has not been reached.</u> Following the announcement of successful applicants, information on second-round admissions will be available on the website of the Graduate School of Systems Engineering (https://www.wakayama-u.ac.jp/sys/grad_sys/)
	Advanced Informatics and Mechatronics		
	Intelligence Science		
	Design Science		
	Systems Intelligence		
	Nanomaterials		
	Nanotechnology		
	Intelligent Modeling		

2. Applicant Qualifications

Qualified applicants must belong to one of the following categories at the time of application.

- (1) A person who has, or expects to obtain by March 2027, a master's degree or a professional degree (as prescribed in Degree Regulations, or Ordinance No. 9 of the Ministry of Education of 1953, Article 5-2, under the provisions of Article 104, paragraph 1 of the School Education Act; same shall apply hereinafter)
- (2) A person who has been awarded, or expects to be awarded by March 2027, a degree equivalent to a master's degree or a professional degree overseas
- (3) A person who has, while in Japan, completed a course of study through online education offered by a university overseas; and has been awarded, or expects to be awarded by March 2027, a degree equivalent to a master's degree or a professional degree
- (4) A person who has completed a course of study that the Minister of Education, Culture, Sports, Science and Technology has specified separately; he/she has been awarded, or expects to be awarded by March 2027, a degree equivalent to a Master's Degree or a professional degree at a Japanese educational institution which is positioned as a school with a course in a graduate school in a foreign country under the school educational system of that country
- (5) A person who has completed a course of study at the United Nations University, and has been awarded, or expects to be awarded by March 2027, a degree equivalent to a master's degree or a professional degree. This course was established under the decision by the General Assembly of the United Nations on December 11, 1972, based on the provisions of Article 1 paragraph 2 of the Act on Special Measures Incidental to Enforcement of the "Agreement Between the United Nations and Japan regarding the Headquarters of the United Nations University" (Law No. 72 of 1976)
- (6) A person who has completed a degree in a foreign country, at an educational facility designated under Article 156, item (3) of the Enforcement Regulations of the School Education Act or the United Nations University, and has passed an examination or an assessment under the provisions of Article 16-2 of the

Standards for Establishment of Graduate Schools, and has been confirmed to possess scholastic ability equal or superior to that possessed by a holder of a master's degree

- (7) A person designated by the Minister of Education, Culture, Sports, Science and Technology (Notification No. 118 of the Minister of Education of 1989)
- (8) A person who has been confirmed by an individual eligibility assessment for the graduate school to have scholastic ability equivalent or superior to that possessed by a holder of a master's degree or a professional degree, and who will be 24 years old by March 2027

[Note 1] For persons who wish to apply under the applicant qualification category (6), (7), or (8), the Applicant Qualification assessment is conducted in advance. Please complete procedures in accordance with [3. Application Qualification Assessment] on the following page.

[Note 2] A person "designated by the Minister of Education, Culture, Sports, Science and Technology," under Application Qualification (7) is one that fulfills one of the following requirements:

1. Has conducted research in either a university or a research institute, for at least two years after graduating from a university, and has demonstrated that he/she has academic ability equivalent to or above that possessed by a holder of a master's degree.
2. Has completed 16 years of education overseas or, completed 16 years of education through online education offered by a foreign institution in Japan, and he/she has conducted research at a university or a research institute for at least two years, and has demonstrated that his/her academic research ability is equal or superior to that possessed by a holder of a master's degree.

[Note 3] An Admission Qualification Assessment (a separate assessment of scholastic academic research ability in this graduate program) shall be conducted for those who are not qualified for admission to the Ph.D. program for the following reasons:

- those who completed a bachelor's degree, junior college, higher technical college, higher vocational school, or other type of school;
- those who completed study at the Japanese branch of a foreign university and want to apply under the Qualified Applicant Category (8).

3. Applicant Qualification Assessment

For a person who wishes to apply based on Applicant Qualifications (6), (7), or (8), an Applicant Qualification Assessment will be conducted. Applicants are requested to submit the required documents by the submission deadline using the following procedure.

To submit the documents, please make sure to obtain approval from the academic supervisor of the cluster for which you wish to apply. Personal information obtained from the following submitted documents will not be used for any purpose other than those related to admission to this university.

(1) Required Documents

Please download the format designated by the Graduate School from the Graduate School of Systems Engineering Admissions Information page below and print them on A4 paper, single-sided.

***Download location: Wakayama University > Faculty of Systems Engineering > Graduate School of Systems Engineering > Admissions Information ("Doctoral Program")**

https://www.wakayama-u.ac.jp/sys/grad_sys/admission/index.html

Required Document		Note
1	Qualification Assessment Application	The format designated by the Graduate School must be used. You must obtain the stamp of approval from the cluster leader

2	Certificate of Graduation	Graduation certificate issued by the latest school attended.
3	Academic Transcript	Transcript issued and sealed by the latest school attended.
4	Research Achievements	Provide the information listed below to prove that you have completed a master's degree or equivalent (Printed on A4 paper. Free format). • Numbering: Sequentially numbered from 1 • Type of Achievement – one of the following. Academic journal article, academic conference presentation, patent, design sketch, technological development, project participation • Type of Achievement and detailed reference information: e.g. Journal Article: Title of Article, Name of Journal, Volume, Volume Number, Page Number, Name of Publisher, Year of Publication, and Collaborators. For other achievements, provide similarly detailed and identifiable information on the relevant type of achievement. Summary of the content of each achievement --- 200 characters in Japanese or 100 words in English
5	Required Documents for Qualified Applicant Category (6)	(Only persons who wish to apply for the program under category (6)) A document containing the following information and issued (and signed) by the President of the applicant's university and attached documents. [Sample format] As the representative of ---- University, I have confirmed and report that -----, who is a student at this university, passed the (name of examination) and has scholastic ability equal to or greater than that of a person who has earned a master's degree. I have enclosed the following attached documents concerning the said examination (Japanese translation must be attached). [Examples of attached documents] [1] Eligibility criteria for the said examination (In the case of a foreign language other than English, a Japanese translation must be attached.) [2] Documents indicating the relationship between passing the said examination and requirements for granting a master's degree at the said university (In the case of a foreign language other than English, a Japanese translation must be attached.) Documents indicating the relationship between the treatment of the person who passed the said examination with that of a person with the master's degree of another university who has been admitted and allotted to a class at an appropriate level in the said university in a program that awards the PhD in the said university (In the case of a foreign language other than English, a Japanese translation must be attached.)

[Note1] In addition to the above, the applicant may be asked for additional documents needed for the assessment.

[Note2] In case the above-submitted documents are written in a foreign language other than English, please attach a Japanese or English translation. If a document concerning “5 Admission Qualification (6)” is written in a foreign language, please attach a Japanese translation.

(2) Submission Deadlines

Primary admission: All required documents must arrive by 5:00 PM on June 5 (Fri.), 2026 (JST)

Second round admissions: All required documents must arrive by 5:00 PM on September 29 (Tue.), 2026 (JST)

- Office Reception hours are between 9:00 AM and 5:00 PM(JST)
- To submit by post, please use a Japanese Kakugata #2 size envelope (24cm wide x 33.2cm high), and post it registered express so that it definitely arrives before the submission deadline. Any applications arriving after the deadlines will not be processed.

(3) Assessment Method

The assessment will be conducted based on the submitted documents.

(4) Notification of the Assessment Results

The assessment results will be sent by post by the following dates.

Primary admissions: About June 19 (Fri.), 2026 (JST)

Second round admissions: About October 9 (Fri.), 2026 (JST)

(5) Where to Submit and Inquire

Systems Engineering Unit, Teaching and Learning Division, Wakayama University

930 Sakaedani, Wakayama City, 640-8510

TEL 073 - 457- 8021

4. Application Procedure

(1) Application Documents

Please download the format designated by the Graduate School from the Graduate School of Systems Engineering Admissions Information page below and print them in color on one side of A4-size paper.

*Download location: Wakayama University > Faculty of Systems Engineering > Graduate School of Systems Engineering > Admissions Information (“Doctoral Program”)

https://www.wakayama-u.ac.jp/sys/grad_sys/admission/index.html

Required documents	Note
Application form for admission	Use the Wakayama University Application form. Fill out the Wakayama University application form with all requested information. Make sure to state the cluster you wish to enter. Attach a receipt for bank transfer (Form C) or a handling statement issued by a financial institution or convenience store in the space provided in the application. (* Receipt for bank transfer (Form C) or a handling statement is not necessary for applicants who are expected to complete the Wakayama University master’s program in 2026.)
Admission Ticket	Use Wakayama University Application form. Fill out the form with all the requested information.
Photo card	
Personal Photo	Attach the photo to the application form.
Masters Research Progress Report	Provide an outline of the research you conducted in your master’s course in your graduate school (or equivalent activities) in about

	2,000 characters in Japanese or 1,000 words in English (Printed on A4. Free format).
Research Plan	Provide an outline of the research you plan to conduct in the doctoral program after entering this graduate school in about 2,000 characters in Japanese or 1,000 words in English. It is recommended that you consult with your preferred faculty advisor in advance when writing this document. (Printed on A4. Free format).
Certificate of Completion of Master's Program or Certificate of Expected Completion of Master's program	Persons applying under Application Qualifications (1), (2), (3), (4), or (5) must submit the original certificate issued and sealed by the president of your university or the dean of your graduate school.
Graduate School Academic Transcripts	Persons applying under Application Qualifications (1), (2), (3), (4), or (5) must submit the original transcript issued and sealed by the president of your university or the dean of your graduate school
Notice of Results of Application Qualification Review	Persons applying under Application Qualifications (6), (7), or (8) must submit this. This document shall be returned after confirmation.
Degree conferment certificate	This document needs to be submitted in cases in which a degree was conferred under the provisions of Article 104, paragraph 7 of the School Education Act.
Resident Card (Alien Registration Card or Copy of Passport)	This needs to be submitted only by citizens of foreign countries. Foreigners who have been issued a Resident Card (or an Alien Registration Card) are requested to submit copies of the front and back of the card. Foreigners who have not been issued a Resident Card (or an Alien Registration Card) are requested to submit copies of their passport (the page showing nationality, name, resident status, and length of residency).
Assessment Fee (JPY 30,000)	Please pay the Assessment fee by one of the following payment methods. *This fee is not applicable for applicants who are expected to complete a master's program at Wakayama University in the 2026 academic year.
Financial institution	Please present the bank transfer form available on our graduate school's website to the teller at your financial institution.
Convenience Store	Complete payment during the following payment periods. Make sure to check the following website for the payment method. 【Payment period】 Primary Admissions: From July 1 (Wed.) to 3:00 PM on July 24 (Fri.), 2026 (JST) Second Round Admissions: From September 7 (Mon.) to 3:00 PM on September 29 (Tue.), 2026 (JST) 【Payment method etc.】 https://e-shiharai.net/
Self-addressed Label (For mailing notification of selection results, etc.)	Use Wakayama University Application form. Fill out your address, name, and postal code.

Envelope containing the admission ticket	Please prepare a standard Long Type 3 envelope (12 cm × 23.5 cm). Print the “Envelope Label for ‘Admission Ticket Enclosed’” form from the Graduate School website in color on A4 paper, clearly write the applicant’s mailing address, name, and postal code on it, and affix it to the front of the envelope. Also, please affix stamps totaling 410 yen (including express mail fees; if postal rates are revised, use the revised rates).
Envelope marked “Application Documents Enclosed”	For mail-in applications only. Please prepare a Japanese Kakugata #2 size envelope (24cm wide x 33.2cm high). Print the “Application Documents Enclosed” address label (available for download in A4 color format from the Faculty website), fill in the required information, and affix it to the front of the envelope.

(2) Notes for Admission Application

- [1] If submitted documents are incomplete, the application will not be processed.
- [2] After the submission of an application, no changes to any items entered in the application will be permitted.
- [3] Submitted application documents will not be returned.
- [4] If an applicant has made a false statement in the submitted document, even after the applicant’s admission has been decided, the admission may be canceled.
- [5] After submitting an application, the applicant may be asked to submit additional documents required by this graduate school listed in (1).
- [6] If the application document that has been submitted is written in a foreign language other than English, please attach a Japanese or English translation.

(3) Deadline for Submission and Where to Submit:

Applicants are required to submit all the above-mentioned documents, by the following application deadlines.

Primary admission: All required documents must arrive between July 21 (Tue.) and 5:00 PM (JST) on July 24 (Fri.), 2026.

Second round admission: All required documents must arrive between September 25 (Fri.) and 5:00 PM (JST) on September 29 (Tue.), 2026.

- All required documents will be accepted in person between 9:00 AM(JST) and 5:00 PM(JST) at the office reception counter.
- To submit by post, please use the envelope specified by this graduate school, and mail it as registered express mail so that it definitely arrives before the submission deadline. We will not accept the documents if they arrive after the submission deadline.

Submit documents to the following address:

Systems Engineering Unit, Teaching and Learning Division, Wakayama University
930 Sakaedani, Wakayama City, Japan, 640-8510

5. Prior Consultation for Those Who Require Special Consideration for Entrance Examinations and Study

If you are an applicant with a disability and require special consideration and/or accommodations in taking the entrance examination or in your studies, please notify us by the first day of each application period.

In addition, if you require special consideration to take an examination or to enroll due to an unforeseen accident after the due date of application, please notify us as soon as possible.

Please contact us as soon as possible if you have any concerns. Please note that it may take some time for us to respond to your special requests and that in some cases we may not be able to respond to your request by the time of the examination.

【Inquiries】

Systems Engineering Unit, Teaching and Learning Division, Wakayama University

930 Sakaedani, Wakayama City, 640-8510

TEL 073 - 457- 8021

6. Selection Methods

Successful applicants are chosen based on the review of the submitted documents, such as the research progress report, research plan, and the results of the interview (oral examination).

(1) Interview (Oral Examination)

Interviews are conducted individually, using questions associated with the research progress report, the research plan submitted by the applicants and the related specialized fields.

Dates:

Primary admissions: August 29 (Sat.), 2026 [Reserve date: August 30 (Sun.), 2026]

Second round admissions: October 17 (Sat.), 2026 [Reserve date: October 18 (Sun.), 2026]

*Time: Applicants will be advised via email of their individual interview time.

Venue: Bldg. North1 (Faculty of Systems Engineering), Wakayama University

*In the event that the examination cannot be conducted on the examination date due to natural disasters or any other reasons, the examination will be held on the postponement date.

In that case, it will be announced on the following website. (The Faculty will not respond to any comments on its social networking site)

The Faculty's social networking site: @sysWakayamaUniv

The Graduate School's Home Page: https://www.wakayama-u.ac.jp/sys/grad_sys/

(2) Sending the Examination Admission Ticket

The exam admission tickets will be sent a week before the examination.

(3) Examination Regulations

- The interview venue will be announced on the day of the examination.
- If an applicant fails to arrive at the meeting time, they may be deemed to have abandoned the examination.
- Please prepare to take the examination even in circumstances such as a disruption of transportation systems on the examination day.
- The meeting time for the examination of each applicant will be indicated on the examination admission tickets.

- Applicants are requested to arrange individually for accommodation if necessary.

7. Announcement of the Successful Applicants

Primary admissions: 10:00 AM, September 11 (Fri.), 2026(JST)

Second round admissions: 10:00 AM, October 23 (Fri.), 2026(JST)

- The application numbers of successful applicants will be listed on the website of the Graduate School of Systems Engineering from 10:00 JST on the announcement day until 17:00 JST one week later.
- *The official announcement time is subject to slight change. Access to the website may be delayed due to heavy traffic, especially immediately after the announcement of successful applicants.
- A notification of acceptance will be sent by post to successful applicants.
- Inquiries regarding examination results will not be accepted by telephone.

8. Admission Period

The admission period is in April 2027.

9. Admission Procedure

The admission procedure is outlined below. Required documents for admission will be sent to the successful applicants in early February 2027.

Enrolment needs to be complete by March 27 (Sat.), 2027 (TBC)

- A successful applicant who fails to complete the enrolment by the above deadline will be considered to have declined the admission.

10. Admission and Tuition Fees

(1) Admission Fee: JPY 282,000

(2) Tuition Fee: JPY 267,900 (for first semester) (Annual Fee: JPY 535,800)

- The amount shown above is the fee for the 2026 academic year. The amount to be paid for the 2027 academic year will be announced as soon as it has been decided.
- No admission fee is required for those who have completed the first semester of the PhD program in March, 2027 and who will continue their studies in the PhD program.

11. Disclosure of Admissions Information

The main entrance examination information will be disclosed as follows.

- (1) The number of applicants, number of examinees, number of successful applicants, and number of enrollments will be disclosed on the website.
- (2) Examination results will be disclosed by filling out the designated WU application form and presenting the examination ticket.

If you reside in a remote location, you may also request this information by mail. Please send an application form, together with the examination ticket, a self-addressed, stamped envelope (a stamp for 460 JPY for simplified registration postage must be affixed on an envelope (Japanese Choukei #3 size envelope 12cm wide X 23.5cm high), and the address and name of the examinee need to be clearly stated for return to the following address).

* If the postage rates are revised, please affix a stamp for the revised postage rate of the standard-size mail piece plus the simplified registered mail rate.

For more information, please refer to the website (<https://www.wakayama-u.ac.jp/admission/>).

[Disclosure Period]

From February 1 (Mon.) to March 31 (Wed.), 2027

If by post, the request for disclosure must arrive within the disclosure period. The request for disclosure in person is from 9:00 a.m. to 5:00 p.m. Mondays through Wednesdays (excluding public holidays) within the above period.

[Contact]

Teaching and Learning Division
Systems Engineering Unit
Wakayama University
930 Sakaedani, Wakayama City, Wakayama, Japan 640-8510
TEL 073 - 457- 8021

12. Handling of Personal Information

Personal information provided by applicants will be handled in strict compliance with the “Regulations Concerning the Protection of Personal Information at National University Corporation Wakayama University” and other relevant regulations, which are enacted in accordance with the “Act on the Protection of Personal Information” and other laws.

(1) Personal information provided in the application documents will be used for the following purposes:

- (i) Entrance examination operations such as “selection of applicants (processing of applications and implementation of selection tests)”, “announcement of the selection test results” and “admission procedures”.
- (ii) Surveys for improvement of entrance examinations including application trends.

If there are any deficiencies in the application documents, the University may contact the applicant's parents, or the applicant's former school to inform them the fact that the applicant has applied to the University and ask for making corrections or completions.

In addition, the information about enrolled students will be used for the following purposes: “Preparations for admission,” “Academic affairs (student registration management, academic guidance, etc.),” “Student support (health management, tuition waiver/scholarship services, employment support, etc.),” and “Tuition and other fees collection services”.

- (2) Personal information such as selection examination results of applicants will be used for “analysis of entrance examination results,” “study of admission selection methods,” and “student support (tuition waiver and scholarship services, etc.)”.
- (3) Some operations may be outsourced. In this case, the personal information will be provided to the external companies after concluding a contract with them to ensure that the information is handled appropriately.
- (4) When there are reasonable grounds to use personal information by administrative agencies to perform their legally stipulated duties, personal information will be provided to the administrative agencies.

13. Contact Information for Admissions Inquiries

If you have any questions regarding the application guidelines or other related matters, please contact us at the address below.

◇To submit an inquiry◇

Systems Engineering Unit, Teaching and Learning Division, Wakayama University
930 Sakaedani, Wakayama City, 640-8510
TEL. 073-457-8021 (Direct line)
E-mail: sysgakumu@ml.wakayama-u.ac.jp
Website: https://www.wakayama-u.ac.jp/sys/grad_sys/



[Website]

Guidelines for the Doctoral Program in the Graduate School of Systems Engineering

1. The Curriculum and Its Characteristics

The Doctoral Program in this Graduate School consists of two courses: the Systems Engineering Course and the Global Engineering Course. Students choose one of these courses and receive research guidance. The doctoral program focuses on providing a highly practical curriculum instead of research instruction solely to write research papers.

(1) Systems Engineering Course

In addition to teaching and conducting research activities in the latest elemental technologies, this course equips students with the ability to discover and guide effective interactions between different fields and develop new technological fields. It also cultivates students who can contribute to society with advanced and extensive knowledge and skills.

(2) Global Engineering Course

In addition to teaching and conducting research activities in the latest elemental technologies, this course cultivates the ability to develop new technological fields from a global perspective and develop students who can play an active role globally with advanced and extensive knowledge and skills.

In principle, teaching and research guidance are conducted through task forces at companies, research institutes, consortiums, and academic societies, or joint research with other universities in Japan and overseas. Also as an open research guidance system that closely exchanges opinions with collaborators, we accurately grasp the latest needs and technological trends in society and industry and cultivate practical skills that will address technological challenges.

Moreover, we do not consider the thesis to be the primary focus during a student's doctoral program. Instead, we prioritize the practicality of a student's research. In addition to aiming for practical systems, analyzing necessities, clarifying goals, and developing design, realized, and applied technologies, we provide educational research that is conscious of links between various aspects of technology and society, including estimating cost, planning resources allotment, controlling risk, and developing marketing and service development strategies.

2. Course Registration Procedure and Research Guidance in the Doctoral Program

- Students belong to one cluster, and one supervisor who provides research guidance on a daily basis is designated. The graduate school is actively engaged in research guidance by multiple faculty members.
- Immediately after entering the Doctoral Program in this Graduate School, students will consult with their supervisors to determine whether they will belong to the Systems Engineering Course or the Global Engineering Course.

(1) List of Available Courses and Registration Methods

- Systems Engineering Special Seminar I (2 credits) [Elective Compulsory Subject] [System Engineering Course]

Depending on each student's field of specialization, students will survey and examine examples of R&D inside and outside of Japan in order to master techniques for developing and integrating research goals and challenges; compose technical documents; and learn presentation and discussion techniques

- Systems Engineering Special Seminar II (2 credits) [Elective Compulsory Subject] [System Engineering Course]

Depending on each student's field of specialization, students will learn in a seminar format, exploring cutting-edge and empirical research trends in Japan and overseas and analyzing their impact on related fields. As a result, students will understand the unique challenges of systems engineering such as the complex interaction of technologies, the correlation between technology and changes in the social environment and how to address these challenges.

- Systems Engineering Global Seminar I (2 credits) [Elective Compulsory Subject] [Global Engineering Course]

Depending on each student's field of specialization, students will learn techniques for developing and consolidating research objectives and issues, composing technical documents, and presentation and discussion techniques in an exercise format, based on surveys of domestic and overseas R&D cases based on the premise of conducting joint research with an overseas institution. In addition, students prepare for a one-month internship at an overseas institution, communicate and coordinate with the partner institution, and develop an internship plan.

- Systems Engineering Global Seminar II (2 credits) [Elective Compulsory Subject] [Global Engineering Course]

Depending on each student's field of specialization, students will conduct joint research with a foreign institution through an international internship of at least one month, and analyze and report the results obtained and the impact on related areas. In addition, students will become acquainted with challenges such as the correlation between technology and the social environment and how to address them from a global perspective, in an exercise format.

- Systems Engineering Special Project Seminar (6 credits) [Compulsory Subject] [System Engineering Course, Global Engineering Course]

This is a course corresponding to research guidance in the curriculum.

(2) Research Guidance

Research guidance, advice, and assistance are provided by

- the supervisor who is in charge and deputy supervisors in the cluster to which the supervisor belongs and who are familiar with the individual student's research area.
- In providing research guidance, we respect the autonomy of students and provide guidance in various forms, such as theoretical guidance in the classroom, fieldwork, various forms of practical training, presentations at academic conferences in Japan and overseas, and large seminars conducted in each cluster as Systems Engineering Special Seminars, depending on the research subject.

The course equips students with knowledge and abilities to explore research and development challenges with advanced innovation and practical application according to their research areas, discover suitable resolution methods, and conduct actual development work. The course also cultivates the capability to coordinate research and development direction through exchanging views with the supervising faculty members and performing appropriate evaluations from various perspectives including practicality.

Rather than putting too much priority on research reports, students are required to perform that the basic idea of the R&D target must be at a level that can be presented as an academic paper at a relevant academic conference.

(3) Program Completion Requirements

All PhD students must be enrolled in the Doctoral Program for at least 3 years and meet the following requirements.

- **Systems Engineering Course**

Students must

- ◆ Successfully complete 10 credits or more, including 6 credits from compulsory subjects and 4 credits from elective required subjects,
- ◆ Receive the necessary research guidance and
- ◆ Pass the examination and final examination of their doctoral dissertation.

- **Global Engineering Course**

Students must

- ◆ Obtain 10 credits or more, including 6 credits from compulsory subjects and 4 credits from elective required subjects,
- ◆ Receive the necessary research guidance,
- ◆ Conduct and complete an international internship for at least one month and submit a report on the internship, and
- ◆ Pass the examination and final examination of the doctoral dissertation.

The period of enrollment may be shortened for those students who are recognized as having excellent research achievements.

(4) Degree Granted

The Degree of Doctor of Philosophy in Engineering will be awarded to those who have completed this program.

3. Additional Support for Students in the Doctoral Program

Please refer to the "Doctoral Program" on the Graduate School's website.

https://www.wakayama-u.ac.jp/sys/grad_sys/admission/index.html