

# 2020 University Catalogue

Graduate School of  
Tokyo Denki University  
Doctoral Program

Graduate School of  
Advanced Science and  
Technology

**TDU**

東京電機大学

TOKYO DENKI UNIVERSITY

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# Graduate School of Tokyo Denki University

## **Curriculum Policy**

The Doctoral Program has arranged the following course works in a systematic manner based on the educational policy of the TDU graduate schools and their majors.

- (1) The coursework that helps students acquire highly and extensively advanced knowledge and empowers their insight into current social problems.
- (2) The coursework that improves communication skills for presentation and discussion in international settings.
- (3) The researchwork that nurtures abilities to independently find solutions to expertise-demanding problems.
- (4) The researchwork that fosters competency to complete a doctoral dissertation through the implementation of research.

## **Diploma Policy**

Doctoral degree will be conferred upon on those who have acquired the necessary credits and completed the following academic achievements during the required period of enrollment.\*

- (1) Acquisition of highly and extensively advanced knowledge.
- (2) Possession of abilities to independently find solutions to expertise-demanding problems and to perform presentations and join discussions in international settings.
- (3) Success in the doctoral dissertation defense through the completion of research achievements.

\* The standard periods of enrollment are 2 years in the master course and 3 years in the doctoral course respectively.

# Graduate School of Advanced Science and Technology

## **Purposes for Human Resource Development and for Educational and Research Achievement**

Graduate School of Advanced Science and Technology, based on the specialized knowledge and research ability regarding science and technology acquired during the master course, aims at nurturing students with wider-perspective and global mind and more advanced research abilities to pursue research activities.

In other words, Graduate Schools of Tokyo Denki University nurtures researchers who have creative and developing abilities for research and can work chiefly in various fields of society and university faculty members who have certified abilities both for educational and research activities.

## **Curriculum Policy**

The Doctoral Program of Graduate School of Advanced Science and Technology has arranged and conducts curriculum according to the following policies in order to enable the students to necessary knowledge and abilities as doctor.

- (1) The coursework that enables research on documents published in Japan and abroad to broaden the knowledge of other related fields, including proficiency of foreign languages necessary for researchers.
- (2) The coursework that focuses on research guidance provided by research supervisors to deepen expertise of science and technology learned in the master's program, to nurture abilities excellent enough to independently pursue research activities and make presentations.

## **Diploma Policy**

The Doctoral Program of Graduate School of Advanced Science and Technology confers a doctoral degree on all the students who are enrolled in Graduate School of Advanced Science and Technology for a certain period of time\* and fulfill all the following requirements. Doctor of science, doctor of engineering, or doctor of informatics is conferred.

- (1) Acquisition of 14 credits and over of required courses
- (2) Success in the doctoral thesis defense and final examination through the necessary research guidance.
- (3) Acquisition of global mind with wider perspective and research abilities excellent enough to independently pursue research activities.

\*The standard period of enrollment is 3 years.

# Course Registration Manual

1. Course Registration
2. List of Registerable Courses
3. Class Information
4. Changes of course registration conditions due to curriculum changes during the enrollment period
5. Examination and Evaluation
6. Requirements to complete the doctoral program
7. Academic Degree

## List of Japanese terminology to know for graduate school enrollment and completion

履修 (ri-shu) : registration of courses

必修科目 (hisshu kamoku) : compulsory courses

選択科目 (sen-taku kamoku) : elective courses

課程博士 (katei hakase) : doctor based on course completion

満期退学 (manki taigaku) : leaving graduate school after necessary coursework completed  
without degree

論文博士 (ronbun hakase) : doctor based on dissertation

UNIPA (yu-ni-pa) : TDU web-based course registration system. It is used as a communication tool  
between students and TDU academic and office staff. It has no English version.

## **1. Course Registration**

1. Course registrations are necessary to attend the courses. Unregistered attendance does not provide you with the credits of courses.
2. Course registrations shall be completed according to designated procedures based on the yearly course table with permission of the research supervisor. Details for registration including when and how will be notified by the campus office after the entrance.
3. Registration for listed courses in the other majors, if they are necessary to extend learning, can be accepted with permission of your research supervisor. The maximum number of registerable courses is not fixed, but 10 credits is the maximum number of credits to be reckoned into the required number of credits for the certified completion.
4. Course registration shall be reconfirmed individually on the timetable section of UNIPA. Addition or modification of the submitted course registration can be arranged during the designated registration period.
5. Permission from the dean of the graduate school is required when research supervision is conducted at another graduate school or research institute.

## **2. Registerable Courses**

The following courses can be registered based on the course registration. It is important to notice the courses which are included in certification of completion and those which are not. The details are mentioned on p6.

### **1. Course in your own major**

They are the courses stipulated in the yearly list of courses of the major to which you belong.

### **2. Courses in Other Majors**

Registration for listed courses, both compulsory and elective, in the other majors of Graduate School of Advanced Science and Technology, if disciplinarily necessary, can be accepted with permission of your research supervisor.

### **3. Courses in Master's Degree Programs**

Registration for listed courses in Graduate School of Science and Technology for Future Life, Graduate School of Engineering, Graduate School of Science and Engineering, or Graduate School of Information Environment, if disciplinarily necessary, can be accepted with permission of your research supervisor.

### **4. Courses in Undergraduate Schools**

Registration for listed courses in School of Science and Technology for Future Life, School of Engineering, School of Science and Engineering, School of Information Environment, or School of School of System Design and Technology, if disciplinarily necessary, can be accepted with permission of your research supervisor.

### **5. Courses in Other Graduate Schools**

Registration for listed courses in the other graduate schools under the credit-transfer agreement, if disciplinarily necessary, can be accepted with permission of your research supervisor.

### 3. Classes

#### 1. Courses and Credits

The registerable courses and credits in each major are listed in the yearly course table. The syllabus can be referred to in “Syllabus Reference” on page 11.

#### 2. Semesters

First: From April 1 to around September 10

Second: From around September 11 to March 31, next year

#### 3. Class Timetable

Weekdays						Saturday		School of Information Environment	
Graduate Schools 100-minute Classes		Undergraduate Schools* 100-minute Classes		School of Engineering Evening Division 90-minute Classes		All the Schools* 90-minute Classes		50-minute Classes	
Period	Time	Period	Time	Period	Time	Period	Time	Period	Time
1st	09:20-11:00	1st	09:20-11:00			N1st	09:00-10:30	J1st	9:10-10:00
2nd	11:10-12:50	2nd	11:10-12:50			N2nd	10:40-12:10	J2nd	10:10-11:00
								J3rd	11:10-12:00
3rd	13:40-15:20	3rd	13:40-15:20			N3rd	13:10-14:40	J4th	12:40-13:30
4th	15:30-17:10	4th	15:30-17:10			N4th	14:50-16:20	J5th	13:40-14:30
		5th	17:20-19:00	N5th	16:30-18:00	N5th	16:30-18:00	J6th	14:40-15:30
D5th	18:00-19:40			N6th	18:10-19:40	N6th	18:10-19:40	J7th	15:40-16:30
D6th	19:50-21:30			N7th	19:50-21:20	N7th	19:50-21:20	J8th	16:40-17:30

\* School of Information Environment is not included.

### 4. Changes of course registration conditions due to curriculum changes during the enrollment period

#### 1. Changes of Course Schedule, Compulsory or Elective Conditions

As a general rule, the conditions stipulated in the yearly course table are applied, but exceptional changes could take place.

Reconfirmation of the updated version at the beginning of an academic year is necessary.

#### 2. Changes of Courses and/or Credits

Courses and credits in the academic year when their credits are earned are applied.

## 5. Examinations and Evaluations

1. As a general rule, written examinations are conducted at the end of semester when they are arranged. Instead, the assessment of classroom participation, submission of reports, or interviews sometimes replaces the written examinations. It is not allowed to take the examinations of unregistered courses except for the compulsory courses.

### 2. Evaluation

The academic grade is marked by A, B, C, or D, corresponding to the numerical evaluations as follows:

A: 80 and over

B: 70-79

C: 60-69

R: credits acquired prior to enrollment

D: 59 and under

—: registered but abandoned

D is not recorded in the academic transcript.

} Passed (credit earned)

## 6. Requirements for Completion in Doctoral Program

To complete the doctorate program the following requirements shall be fulfilled: being enrolled during 3 years and longer in the doctoral program, earning 14 credits and more of the required courses, receiving necessary research supervision, and passing the doctoral dissertation defense and final examinations.

The required duration of attendance period can be shortened to minimum 1 year for a student whose excellent achievement is remarkably excellent during the enrollment.

A doctoral degree shall be conferred on a student who has fulfills the above mentioned requirements based on the approval of doctoral program completion.

### 1. Students Who Are Enrolled before Academic Year 2020

#### 1) Credits included in the Requirements for Completion

The following credits will be reckoned in 14 credits necessary for doctoral program completion.

- ① credits of courses (compulsory and elective) listed in the major which students belong to.
- ② credits of courses listed in the other majors of the doctoral program
- ③ The following academic achievements are handled in the same way as registered at TDU according to the articles of 16, 17, and 18 stipulated in the TDU Graduate School Regulations on the condition that they meet required conditions. Consulting with the research supervisor is recommended.



- Credits of courses earned at another graduate school in Japan or abroad (article16)
- Credits of courses earned before the enrollment in the TDU doctoral program (article 17)
- Research supervision received at another graduate school, a research institute, or a similar organization (article18)

## 2) Credits excluded from the Requirements for Completion

Credits of undergraduate courses earned after the enrollment in the TDU doctoral program are not approved as required credits for completion even though they are recorded in the academic notification and transcript of the doctoral program.

## 2. Research Supervision System

The TDU graduate school provides the following research supervision system.

- A chief research supervisor and a sub research supervisor are decided at the time of a student's enrollment.
- The chief research supervisor with the sub supervisor interviews the student at the time of his or her enrollment and discuss a research plan including theme, method, and schedule to make a 3-year research supervision plan.
- After the research activities start, the chief research supervisor with the sub supervisor meet the student to confirm research progress, and they modify or rectify the research plan if necessary. They also record the result of their research supervision in the research supervision plan.
- They oblige the student make a presentation of an academic paper at a related academic conference or on a similar occasion as part of the research supervision.
- They go through the necessary procedures for the student to earn the doctoral degree according to the Procedural Essentials for Doctoral Dissertation Defense at TDU Graduate School of Advanced Science and Technology. (Student's 3<sup>rd</sup> year)

### Students enrolled in April

Year	Month	Procedures
1st	April	Providing course registration guidance and making research supervision plan through research supervisors' interview of the student
2nd	April	Confirming research progress, and modifying or rectifying the research plan if necessary, through research supervisors' interview with the student
3rd	April	Confirming research progress, and modifying or rectifying the research plan if necessary, through research supervisors' interview with the student
	November	Submitting the doctoral dissertation for defense and procedure documents
	December	Preliminary review
	January or February	Doctoral dissertation defense
	February	Judgment of doctoral dissertation defense
	March	Completion Ceremony

## Students enrolled in September

Year	Month	Procedures
1st	September	Providing course registration guidance and making research supervision plan through research supervisors' interview of the student
2nd	September	Confirming research progress, and modifying or rectifying the research plan if necessary, through research supervisors' interview with the student
3rd	September	Confirming research progress, and modifying or rectifying the research plan if necessary, through research supervisors' interview with the student
	April	Submitting the doctoral dissertation for defense and procedure documents
	May	Preliminary review
	June	Doctoral dissertation defense
	July	Judgment of doctoral dissertation defense
	September	Completion Ceremony

### 3. Procedures for Submission of Doctoral Dissertation

Procedures for submission and doctoral dissertation defense are stipulated in the Rules on Academic Degrees at Tokyo Denki University (hereafter, the Rules on Academic Degrees) and instructions by the research supervisor based on the rules shall be observed. (Details of documents to be submitted such as types, number of copies and deadline are informed on a notice board and should be handled as instructed.)

### 4. Criteria for Doctoral Dissertation Defense

The doctoral dissertation is examined and judged according to the following criteria: focusing on acquisition of certified knowledge in the specific field, original and creative research ability, and practical ability to find solutions based on "Purposes for Human Resource Development and for Educational and Research Achievement" of Graduate School of Advanced Science and Technology.

- 1) Has the student acquired excellent abilities to conduct highly professional researches?
- 2) Has the student chosen an adequate theme as a doctor and had a clear awareness of issues in conducting the research and writing the dissertation?
- 3) Has the student acquired practical abilities to solve problems in terms of putting adequate organization, identification, judgement, and solution of problems in order?
- 4) Regarding to the research on the proposed theme:
  - ① Is it possible to confirm one of these remarkable aspects; original value, novelty, practicability, reliability, or advancement in the research field?

- ②Are the research method, experiment method, analysis method, and model setting appropriate?
  - ③Are the studies of documents and research trend sufficient?
  - ④Does the student understand relation, similarity, and difference between his or her own research and that of other researchers?
  - ⑤Does the dissertation have appropriate logical development and propose new knowledge through experiments and analyses?
- 5) Is the dissertation format such as description (body, charts and tables, references, and quotations) adequate and logically and consistently structured with introduction, body and conclusion?

Refer to the details of dissertation defense and its procedures on page13.

## 5. Certificate of Expected Completion

Certificate of expected completion can be issued when the research supervisor judges that the student will certainly earn 14 and more credits of the required courses for completion during the academic year and pass the dissertation defense, considering the satisfactory progress of registered course studies and research. Also important is the additional requirement that demands one academic paper and more stipulated in “the Procedural Essentials for Doctoral Dissertation Defense at TDU Graduate School of Advanced Science and Technology”. As to the enrollment period, the research supervisor judges its validity according to Article 5 of the Regulations of School of Advanced Science and Technology.

Contact the campus office for further procedural information.

## 6. Coursework Completed without Degree

When students are enrolled in the doctoral program for 3 years and longer and have earned 14 credits and more of the required courses for completion without passing the dissertation defense, they shall leave the Graduate School. The status is so-called “Coursework Completed without Degree” in Japan.

After such students leave the Graduate School, they are guaranteed for their continued research for doctoral degree as follows:

### 1) Students Who Are Enrolled after Academic Year 2020

Submission of a doctoral dissertation for defense after leaving the Graduate School under the above-mentioned conditions shall be handled as a dissertation defense independent of the doctoral coursework completion. In this case examinations to confirm qualifications shall be exempted, but English proficiency shall be confirmed. (Refer to Clause 4 of Article 9 of “the Procedural Essentials for Doctoral Thesis Defense based without the coursework completion at TDU Graduate School of Advanced Science and Technology”)

## 7. Academic Degree

### 1. Doctoral Degrees conferred by Graduate School of Advanced Science and Technology

A doctoral degree shall be conferred on the student who has completed the Graduate School according to Regulations of TDU graduate schools and the Rules on Academic Degrees..

The majors of the graduate school and the degrees that it confers are listed below:

Mathematical Sciences (Doctor of Science)

Electrical and Electronic System Engineering (Doctor of Engineering)

Information, Communication, and Media Design Engineering (Doctor of Engineering)

Mechanical System Engineering (Doctor of Engineering)

Architecture, Civil, and Environmental Engineering (Doctor of Engineering)

Materials and Life Sciences (Doctor of Engineering or Doctor of Science)

Advanced Multidisciplinary Engineering (Doctor of Engineering or Doctor of Science)

Informatics (Doctor of Information Science)

### 2. Doctoral Degree

The doctoral dissertation defense shall be processed mainly through the research supervisor based on the student's application.

At the end of the enrollment of the doctoral program a doctoral degree shall be conferred based on the completion of the following conditions: earning the required number of credits, success in the dissertation defense, and passing the final examinations. This type of doctoral degree is named as "Doctor based on Necessary Coursework Completion" (Refer to Clause 1 of Article 24, Regulations of TDU Graduate Schools and Article 4, the Rules on Academic Degrees)

It is possible to obtain a doctoral degree without completing the necessary doctoral program. A doctoral degree can be conferred on the condition that the applicant passes the dissertation defense and the final examinations. This type of doctor is names as "Doctor based on Dissertation. (Refer to Clause 2 of Article 24, Regulations of TDU Graduate Schools and Article 5, the Rules on Academic Degrees)

## How to Browse Web-based Notification to Students and Syllabus

1. Log in to DENDAI-UNIPA: <https://portal.sa.dendai.ac.jp>

※Input Student Number and Password, and then click **ログイン**.

※Alphabets in Student Number should be lower-case letters. (for example: 20tdu999).

2. Notification to Students will be automatically displayed on the monitor after the log-in.

Syllabus can be accessed by clicking **授業** in the top horizontal menu ⇒ **シラバス照会** in its pulldown menu.

The screenshot shows the top navigation bar with the following items: 個人別情報, 抽選、資格希望, 履修登録, 時間割, 授業, 成績関連. Below this is a '掲示一覧' (Notice List) section. A search bar is present with the text 'キーワードは、件名・差出人・本文から検索します。' and a search button. The search results are categorized into four groups: 教員からのお知らせ (No notices), 休講・補講・教室変更 (No notices), 授業に関するお知らせ (No notices), and 学生生活全般に関するお知らせ (No notices). A red box highlights the '授業' menu item in the top bar, and another red box highlights the 'シラバス照会' option in its pulldown menu.

3. When Syllabus page appears, choose 「全キャンパス(先端研)」from 「開講キャンパス the campus where the course is conducted」, and input the academic year when the course is conducted, e.g. 2020 and insert the part or the whole of the course name, and then click **検索**. Clicking the course will show its syllabus.

The screenshot shows the 'シラバス検索' (Syllabus Search) page. The search criteria are: 学科組織 (すべて対象), 授業管理部署 (すべて対象), 開講年度学期 (2018 後期), 授業科目 (電気), 担当教員 (部分一致で検索), 開講キャンパス (全キャンパス統一(先端研)). The search button is labeled '検索'. The results table shows two entries: 43EC01T999 電気電子システム工学特別研究 and 43EC02T999 電気電子システム工学グループ輪講. Red boxes highlight the search criteria and the search button.

曜日時限	授業科目
	43EC01T999 電気電子システム工学特別研究
	43EC02T999 電気電子システム工学グループ輪講

## 2020 Academic Year Schedule of Doctoral Degree Application and Dissertation Defense

July (2020)	February (2021)	
Monday, April 20	Monday, November 9	Submission Deadline of Dissertation and Documents for Doctoral Degree Application
Saturday, May 9 ~ Saturday, May 16	Saturday, December 15 ~ Thursday, January 7	Preliminary Review
Saturday, June 6 ~ Saturday June 20	Saturday, January 23 ~ Saturday, February 6	Doctoral Dissertation Defense, Presentation and Final Examination (Related Courses and English)
Saturday, July 11	Thursday, February 18	Final Judgement of Doctoral Dissertation Defense

※ If the above-mentioned schedule is changed, an e-mail with modified information will reach your TDU Student e-mail address: TDU student number @ms.dendai.ac.jp, which should be checked on a regular basis.

## Open Website of Procedural Essentials and Formats for Doctoral Dissertation Defense

Information on the Procedural Essentials for Doctoral Dissertation Defense on Course Completion at TDU Graduate School of Advanced Science and Technology is posted on the following URL.

The necessary information is described and accessible in the dot-lined boxes below

It is required to confirm these procedural essentials to apply for a dissertation defense. As they include necessary information regarding the initial step toward research such as “Minimum Requirements of Application for Dissertation Defense”, it is advisable to understand the contents in advance as well as before preparation for the examination. Also noticeable is final reconfirmation of the latest procedures applicable in the academic year when the application is submitted because the procedures and formats could be updated.

先端科学技術研究科> 博士論文審査手続方法

[https://www.dendai.ac.jp/about/graduate/sentan\\_kagaku\\_gijyutu/sinsa/](https://www.dendai.ac.jp/about/graduate/sentan_kagaku_gijyutu/sinsa/)

### TDU 東京電機大学

トップ> 東京電機大学について> 大学院> 先端科学技術研究科> 博士論文審査手続方法  
大学院

#### 博士論文審査手続方法

通学キャンパス | 東京千住キャンパス/埼玉鳩山キャンパス

概要

#### 本学博士課程に籍のない方(論文博士)

本学学位規則により、本学に学位論文を提出してその審査及び学力の確認に合格し、かつ、人物学力とも本学大学院の博士課程(後期)に所定期間在学し所定の専攻科目について所定単位以上を修得した者と同等以上と認められた者に学位(論文博士)を授与することができます。

#### 博士論文審査手続要領・様式

博士論文手続要領 Procedural Essentials for Doctoral Dissertation Defense

様式 1-1 学位論文受付票 Receipt of Dissertation for Doctoral Degree Application

様式 1-2 内容の要旨 Outline of Dissertation for Doctoral Degree Application

様式 2-1 検定審査申請書

様式 2-2 学位請求書

様式 3-1 博士論文のインターネット公開承諾書

Letter of Permission for Open Internet Posting of Doctoral Dissertation

## e-mail address

Every student is provided with an e-mail address. The e-mail address consists of student number (lower case alphabets )@ms.dendai.ac.jp  
(for example: 20udr30ms.dendai.ac.jp)

Browser-based Webmail System is also available. It is accessible from home or anyplace where a browser such as Internet Explorer works properly, enabling students to send and receive e-mails.

Notifications from the campus office will be sent to the e-mail address provided by TDU, and they should be checked on a regular basis.

Another function related to Webmail system is transfer of e-mails from TDU to another e-mail address or a smartphone. For further information to use this function contact Media Center Library

### How to set up e-mail address

Access TDU Media Center at <https://www.mrc1.dendai.ac.jp> and choose 「web メール, webmail」 in the pulldown from 「IT サービス, IT Service」 and click the following URL <https://portal.office.com/>

Setting time zone is necessary for the initial log-in.

Choose Japan time and save it. 【日本語（日本）(UTC+09.00) 大阪、札幌、東京】

When you need information in English regarding the initial setup, please contact TDU International Center.



This English translation is intended for reference purposes only for international students.  
The Japanese version is authoritative.

**The Procedural Essentials for Doctoral Dissertation Defense on Course Completion  
at TDU Graduate School of Advanced Science and Technology(abr) (R4-No.62)**

Article 1 These essentials are stipulated based on “the Rules on Academic Degrees at Tokyo  
Denki University”

Chapter 1 Submission

(Submission of Documents)

Article 2 A student who is ready to submit his or her dissertation shall submit the following documents to Dean of the Graduate School (hereinafter Dean) via the research supervisor in a necessary number of copies for the dissertation defense and an extra copy for the Graduate School Office.

- (1) Receipt of dissertation for doctoral degree application
- (2) Dissertation for doctoral degree application
- (3) List of research achievements
- (4) Offprints of research publications or their photocopies
- (5) Outline of dissertation for doctoral degree application (complete version and separate copies of each chapter)
- (6) Abstract of dissertation for doctoral degree application
- (7) Research record
- (8) Resume

Chapter 2 Preliminary Review

(Preliminary Review Committee)

Article 3 Responding to the submission of the dissertation for doctoral degree application on course completion, Dean shall request Director of the major (hereinafter Director) to which the doctoral applicant belongs to arrange a Preliminary Review Committee to conduct a screening in which the applicant shall explain the outline of his or her dissertation.

2. Director shall assign 4 faculty members or more, including one chief, from among the graduate school faculty meeting members qualified for research supervision as preliminary screening members.

3. The Preliminary Review Committee can assign the student’s research supervisor as chief. The Preliminary Review Committee can also invite cooperation from other faculty members of other graduate schools or research institutes in addition to the selected 4 members including the chief, when necessary.

(Review of Documents)

Article 4 The Preliminary Screening Committee shall examine the submitted documents stipulated in the article 2, confirm the minimum requirement to accept the dissertation, and judge whether the dissertation is acceptable or not.

2. The minimum requirement the preceding clause is as follows:

The applicant has already had one academic paper and more including the contents of the dissertation of his or her own writing, submitted to be printed, processed to be printed or printed in an academic journal or a similar prestigious academics magazine. The other option is that the applicant has already had one academic paper or more coauthored with the research supervisor and others under the above-mentioned condition.

(Procedural Copies)

Article 5 “Copies of Doctoral Dissertation Defense Procedures on Course Completion” are made by the campus office.

(Judgement of Dissertation Acceptance)

Article 6 Preliminary Screening Committee shall make a report to the applicant’s major, in which it shall conduct preliminary screening of the validity of the acceptance of the dissertation. Responding to the preliminary screening Director shall report the contents of dissertation and the student’s resume, research record and the result of screening of the submitted documents to the Graduate School management meeting and recommend 4 candidates and more as members of the dissertation defense committee. The management meeting shall judge the validity of acceptance of the dissertation based on the preliminary screening of the Preliminary Screening Committee.

2. The management meeting, after approving the acceptance of the dissertation, shall arrange a Dissertation Defense Committee by assigning 4 faculty members or more, including one chief, from among the research supervisors qualified for doctoral dissertation guidance as dissertation defense members. The management meeting can also invite cooperation from other faculty members from other graduate schools or research institutes in addition to the 4 selected members including the chief, when necessary. The preliminary committee members can continue to works as dissertation defense members.

### Chapter 3 Dissertation Defense

(Dissertation Submission)

Article 7 The applicant shall submit the accepted dissertation and necessary documents for the dissertation defense.

(Presentation for Dissertation Defense)

Article 8 Prior to the dissertation defense the applicant shall make a presentation of his or her

dissertation in an open meeting (including a TDU Graduate School faculty meeting).

2. If the dissertation of the applicant stipulated in Clause 2 of Article 4 is being submitted, it shall have been accepted to be printed by the time of the presentation for dissertation defense.

(Dissertation Defense)

Article 9 The dissertation defense shall conduct final examinations of the dissertation-related courses and English at the meeting of Dissertation Defense Committee during the dissertation defense period.

Dissertation-related courses: oral presentation of the dissertation contents and questions and answers regarding the courses of the specialized field

English proficiency: The dissertation written in English can render the English examination unnecessary.

2. The dissertation defense shall be completed within 12 months from the day when the dissertation acceptance is approved.

3. If the dissertation defense is not finished during the above-mentioned period due to an unavoidable reason, the dissertation defense period can be extended for additional 6 months based on the approval of a Graduate School faculty meeting.

(Dissertation Defense Report)

Article 10 The chief research supervisor, based on the agreement of the Dissertation Defense Committee, shall report the result of the final examinations of related courses and English and that of dissertation defense to the major to which the applicant belongs. Director of the major shall report the judgement to Dean.

#### Chapter 4 Judgement of Course Completion

(Course Completion Judgement)

Article 11 Dean shall convene a faculty meeting consisting of only research supervisors to judge the course completion based on the report from the chief supervisor regarding the result of the final examinations of related courses and English and that of the dissertation defense.

2. The Graduate School faculty meeting shall judge the validity of course completion by open voting. The open voting can be conducted electronically by using an electronically recordable voting device. The resolution of course completion is stipulated separately in “the Rules on Academic Degrees at Tokyo Denki University”. The handling of dissertation, in case its validity is not approved, shall be reconsidered in the Graduate School faculty meeting.

3. The applicant who has passed the dissertation defense shall submit the digital data of the complete dissertation and the abstract of the dissertation.

4. The procedures for digital data submission are stipulated separately.

## Chapter 5 Conferring of Degree

(Report to President)

Article 12 Dean shall report the judgment in the proceeding article to President of the university.

(Conferring of Degree)

Article 13 President shall confer the degree according to the report in the proceeding article.

(Publication and Others)

Article 14 The campus office shall complete clerical works such as submitting a report to the Ministry in charge and publicizing the dissertation.

Supplemental Provisions (omitted)

**Receipt of Dissertation for Doctoral Degree Application**

**Fill in ① Format yourself and ask your research supervisor or your application adviser to fill in ② and ask Dean of your major for the seal on ③.**

①

Type of Doctor	Name	Accessible Contact Information
<input type="checkbox"/> 1. Course Completion	Print:	Phone:
<input type="checkbox"/> 2. Dissertation only	Signature:	e-mail:
Student Status in your Major for Type 1	Final Academic Record for Type 2 Applicant	
Major: Student Number: Year: Date of Expected Completion or Completion of Coursework without Degree: Month                      Year	University: Undergraduate School, Graduate School: Department, Major:  Date of Graduation, Completion, Completion of Coursework without Degree: Month                      Year	
Title of Doctoral Dissertation		
Without or With Conditions for Public Access		
<input type="checkbox"/> Without <input type="checkbox"/> With Specific Reason:		
※If you have a reason or reasons which require secrecy, you shall arrange paperwork to resolve them for the presentation of your doctoral dissertation at TDU.		

Any change in the above-mentioned contents shall be informed to the campus office.

Information in the above-mentioned contents shall be used only for clerical work regarding to doctoral dissertation.

**②<研究指導教員・受入教員記入欄>**

<b>専攻</b>	印	<b>③専攻主任</b>
氏名		印 <small>承認の場合押印下さい</small>

事務部処理欄 (各キャンパス)

受領日 担当者	管理簿 入力	②資格確認	公表論文等 要件確認	課長 次長	部長	専攻主任連絡 予備審査委員会編成
/	/	/	/	/	/	/
備考						

Graduate School of Tokyo Denki University

Summarized Contents of Doctoral Dissertation

Keep Report Number blank intact.

Report Number	先端科学技術 ( ) 号	Name	
Title of Dissertation			

Please do not change the format, but adjusting space between words and lines and the size of letters is acceptable.

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The doctoral Dissertation has ○ parts, consisting of □ chapters.

The introduction.....

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The first chapter.....

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The second chapter....

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The fourth chapter.....

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The fifth chapter....

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Date: \_\_\_\_\_

Letter of Consent for Putting My Doctoral Dissertation on the Internet

Dear President of Tokyo Denki University,

I hereby give my consent for Tokyo Denki University to register the complete version of my doctoral dissertation in the TDU Academic Repository for public access on the Internet, unconditionally or conditionally, according to the following information. I also permit that it will be copied within the necessary range of the registration process.

Type of Doctor	Name	Accessible Contact Information
<input type="checkbox"/> Course Completion	Print:	Phone:
<input type="checkbox"/> Dissertation only	Signature:	e-mail:
Title of Doctoral Dissertation		
Conditions for Public Access on the Internet		
<input type="checkbox"/> None: I consent to putting the complete version of my doctoral dissertation on the Internet. <input type="checkbox"/> Conditionally I consent to public access to the summary of doctoral dissertation on the Internet until the following reasons cease to exist. <input type="checkbox"/> The dissertation includes contents such as three-dimensional objects, which cannot be properly expressed on the Internet. <input type="checkbox"/> The dissertation includes contents to be handled according to the copyright protection of private information protection, which prohibits public access on the Internet beyond one year after the acquisition of doctoral degree. <input type="checkbox"/> Posting the doctoral dissertation on the Internet will cause unavoidable detriment one year after the acquisition of doctoral degree because the doctoral dissertation is published, it is printed in an academic journal whose policy prohibits parallel publication, or it is used for patent application. <input type="checkbox"/> Other reason:		
<p>When the following length of time passes, I hereby give my consent for Tokyo Denki University to register the complete version of my doctoral dissertation in the TDU Academic Repository for public access on the Internet on the condition that other reasons do not exist. .</p> <p>The date of public access: Day _____ Month _____ Year _____            5 years as maximal length after the acquisition of doctoral degree</p>		

Any change in the above-mentioned contents shall be informed to the campus office.

Information in the above-mentioned contents shall be used only for clerical work regarding to doctoral dissertation.

②<研究指導教員・受入教員記入欄> → Research Supervisor& Director of Major

専攻	印	③専攻主任
氏名		印 承認の場合押印下さい

事務部処理欄 (各キャンパス)

受領日 担当者	データ確認 事由確認	課長 次長	部長	研究科委員長 ※「有」の場合のみ	事務部 CD-R/DVD-R 保管 副	総合メディア センター提出 正
/	/	/	/	/	/	公開日 /

Tokyo Denki University  
Graduate School of Advanced Science and Technology

Certification by Coauthors (doctor based on course completion)

Name of Applicant for Doctoral Dissertation Defense: ***Dendai Taro***

Major of Applicant: ***Mathematical Sciences***

Title of Academic Research Paper: ***Research on Wireless Network***

Details of Publication of Above-mentioned Paper

Title of Magazine or Journal:

Year:            No.:            Volume:            Pages:            ~

All Coauthors:

Based on our understanding that this certification is one of the necessary documents for ***Dendai Taro*** to apply for the doctoral dissertation defense at Tokyo Denki University, we hereby certify that the above-mentioned coauthored academic research paper was mainly contributed by ***Dendai Taro***, majoring in ***Mathematical Sciences*** at Graduate School of Advanced Science and Technology, Tokyo Denki University, and that ***Dendai Taro*** is the first author of the paper.

Name of Coauthor in Print	Current Institution	Signature



Tokyo Denki University  
Graduate School of Advanced Science and Technology

Certification by Coauthors (doctor based on dissertation)

Name of Applicant for Doctoral Dissertation Defense: ***Dendai Taro***

Title of Academic Research Paper: ***Research on Wireless Network***

Details of Publication of Above-mentioned Paper

Title of Magazine or Journal:

Year:            No.:            Volume:            Pages:            ~

All Coauthors:

Based on our understanding that this certification is one of the necessary documents for ***Dendai Taro*** to apply for the doctoral dissertation defense at Tokyo Denki University, we hereby certify that the above-mentioned coauthored academic research paper was mainly contributed by ***Dendai Taro***, and that ***Dendai Taro*** is the first author of the paper.

Name of Coauthor in Print	Current Institution	Signature