

**APPLICATION PROCEDURE  
FOR FOREIGN STUDENT ADMISSION TO  
THE GRADUATE SCHOOL OF SCIENCES AND  
TECHNOLOGY FOR INNOVATION  
MASTER'S PROGRAM  
OCTOBER 2017**

**2017年 10月入学  
山口大学大学院創成科学研究科  
博士前期課程  
学生募集要項  
外国人留学生特別選抜  
(北京における渡日前入学許可)**

**THE GRADUATE SCHOOL OF SCIENCES AND TECHNOLOGY  
FOR INNOVATION  
YAMAGUCHI UNIVERSITY  
山口大学大学院創成科学研究科**

## I. Division and Enrollment Limit

Department	Division	Course	Enrollment Limit
Sciences	Fundamental Sciences	Mathematical Science Course	Several
	Earth Science, Biology, and Chemistry	Biology Course	
		Earth Sciences Course	
Engineering	Mechanical Engineering	Biomedical Engineering Course	
		Aerospace and Thermal Engineering Course	
		Mechanosystems Design Engineering Course	
	Construction and Environmental Engineering	Civil and Environmental Engineering Course	
		Civil and Environmental Engineering International Course	
		Environmental System Engineering Course	
		Architecture Course	
	Applied Chemistry	Materials Chemistry Course	
		Bioengineering and Chemistry Course	
		Environmental Chemistry and Chemical Engineering Course	
	Electrical, Electronic and Information Engineering	Electronic Devices Engineering Course	
		Electronic Systems Engineering Course	
		Intelligent Systems and Media Engineering Course	
		Information Systems Engineering Course	

## II. Qualifications for Applicants

Applicants must have non-Japanese nationality and meet either of the following requirements, and must have taken TOEFL or CET6.

1. They should have received a bachelor's degree from a four-year university or college.
2. They should be expected to receive a bachelor's degree from a four-year university or college by the end of September 2017.

### III. Schedule until enrollment

2016	September 30	Closing date for application for the Briefing Session
	October 20	Invitations to the Briefing Session will be distributed.
	November 18	Briefing Session and aptitude test
	December 12	Announcement of aptitude test results
2017	January 5	Deadline for the Discussion period
	January 25	Closing date for application
	February 10	Announcement of admission
	March 14	Closing date for enrollment
	October 1	Enrollment

### IV. Briefing session

A briefing session and aptitude test will be held for prospective applicants for the master's program at the Graduate School of Sciences and Technology for Innovation.

Date : November 18 (Fri.), 2016

Place: Yamaguchi University International Collaboration Office, Beijing (in Capital Normal University)

Division	Aptitude test
Division of Fundamental Sciences Division of Earth Science, Biology, and Chemistry	Oral assessment of major subject (in Japanese or English)
Division of Mechanical Engineering Division of Construction and Environmental Engineering Division of Applied Chemistry Division of Electrical, Electronic and Information Engineering	Academic achievement test (Mathematics) Interview by teleconference (in Japanese or English)

### V. Application for the Briefing session

#### 1. Application period

Application period for the briefing session: September 21 through September 30, 2016

#### 2. Application Documents

Please complete the following documents written in either Japanese or English.

Documents	Remarks
Application for the briefing session	Fill in the prescribed form.
Photograph Card Identification Card for the Briefing session	Fill in the prescribed form and paste a passport-style photograph taken within the last 3 months (head and shoulders, hatless, facing forward, 4cm × 3cm) on the Photograph Card.
Graduation Certificate	Submit a certificate of graduation or expected graduation from the university.
Academic Transcript	Submit official transcripts of your academic record from the university.

Recommendation Letter	Submit a recommendation letter written by the applicant's most recent academic adviser or the head of the department from which the applicant has graduated or is expected to graduate.
Personal History	Fill in the prescribed form.
Research Plan	Fill in the prescribed form. Write a detailed description of your research objective, plan and approach. See Note .
Others	Submit a copy of TOEFL(R) score certificate or copy of CET6 score certificate.

Note : The responses should be about 800 characters in length in Japanese (or 200 words in English).

Word processing software is recommended for completion of this form.

### 3. How to apply

Application documents must reach the Admission Office mentioned in #4 below during the application period. When mailing the application, all the documents should be sent by registered express mail in an envelope with "Application for the Briefing session of the admission in Beijing" written in red.

### 4. Admission Offices

Open: Monday to Friday, 8:30 - 17:15

Division of Fundamental Sciences Division of Earth Science, Biology, and Chemistry	Faculty of Science, Yamaguchi University 1677-1 Yoshida, Yamaguchi 753-8512 Japan TEL: +81-83-933-5215 FAX: +81-83-933-5768 E-mail: hc135@yamaguchi-u.ac.jp
Division of Mechanical Engineering Division of Construction and Environmental Engineering Division of Applied Chemistry Division of Electrical, Electronic and Information Engineering	Faculty of Engineering, Yamaguchi University 2-16-1 Tokiwadai, Ube 755-8611 Japan TEL: +81-836-85-9009 FAX: +81-836-85-9019 Email: en304@yamaguchi-u.ac.jp

5. Invitations and participation certificate for the briefing session will be sent around October 20 (Thu.), 2016.

### 6. Announcement of aptitude test results

Results of the aptitude test will be mailed to all qualifiers and will also be put up on the web page of the Graduate School of Sciences and Technology for Innovation on December 12 (Mon.), 2016.

<http://www.gsti.yamaguchi-u.ac.jp/>

### 7. Discussion period

Qualifiers are to contact supervisors-to-be and carry out discussions by January 5 (Thu.), 2017.

Those who have been accepted are to receive the application form for admission, and to proceed according to the procedure given in the following section.

## VI. Application for Enrollment

1. All required documents must arrive by the deadline, January 25 (Wed.), 2017.

2. Required documents (All documents are to be filled in English or Japanese.)

Documents	Remarks
Application Form	Fill in the prescribed form
Application Fee	¥30,000. Only Japanese yen is acceptable. The method of payment will be informed to the applicant at a later date.

Note . Submitted documents and fees cannot be returned.

3. Application documents must reach the Admissions Office mentioned in #4 below during the application

periods. When mailing the application, all the documents should be sent by registered express mail in an envelope with “Application for Foreign Student admission in Beijing” written in red.

#### 4. Admission Offices

Open: Monday to Friday, 8:30 - 17:15

Division of Fundamental Sciences Division of Earth Science, Biology, and Chemistry	Faculty of Science, Yamaguchi University 1677-1 Yoshida, Yamaguchi 753-8512 Japan TEL: +81-83-933-5215 FAX: +81-83-933-5768 E-mail: hc135@yamaguchi-u.ac.jp
Division of Mechanical Engineering Division of Construction and Environmental Engineering Division of Applied Chemistry Division of Electrical, Electronic and Information Engineering	Faculty of Engineering, Yamaguchi University 2-16-1 Tokiwadai, Ube 755-8611 Japan TEL:+81-836-85-9009 FAX: +81-836-85-9019 Email: en304@yamaguchi-u.ac.jp

### VII. Screening

The screening of applicants is done based upon evaluation of the application documents.

### VIII. Announcement of Screening Results

The results of the screening will be mailed to successful applicants, and will also be put up on the web page of the Graduate School of Sciences and Technology for Innovation on February 10 (Fri.), 2017.

Detailed information on the admission procedure will also be sent to successful applicants. Please complete the admission procedure by the following deadline.

<http://www.gsti.yamaguchi-u.ac.jp/>

### IX. Admission Procedure

Admission Procedure Deadline: March 14 (Tue.), 2017

### X. Others

#### 1. Date of Admission

October 1, 2017

#### 2. Master's Program: 2 years

#### 3. Admission Fee and Tuition Fee

(1) Admission Fee: 282,000 yen

(2) Tuition Fee

Fall Semester (October – March): 267,900 yen by the end of November

Spring Semester (April – September): 267,900 yen by the end of May

Note 1: In the event that Yamaguchi University amends the current tuition fee for 2017 entrants after the publication of this document, the new amount will apply.

Note 2: If the tuition fee is amended (increased), even after an individual has begun the program, the students will be responsible for paying the difference.

The personal information collected through the application procedure is not used for any other purpose and not be offered to a third party without the applicant's consent.
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## I. 専攻および募集人員

学系	専攻	コース	募集人員
理学系	基盤科学系専攻	数理科学コース	若干名
	地球圏生命物質科学系専攻	生物学コース	
		地球科学コース	
工学系	機械工学系専攻	応用医工学コース	
		航空宇宙エネルギーコース	
		メカノシステムデザインコース	
	建設環境系専攻	社会建設工学コース	
		国際建設技術コース	
		環境システム工学コース	
		建築学コース	
	化学系専攻	物質化学コース	
		生命化学コース	
		環境化学・化学工学コース	
	電気電子情報系専攻	電子デバイス工学コース	
		電子システム工学コース	
		知能情報メディア工学コース	
		情報システム工学コース	

## II. 出願資格

日本国籍を有しない者で、次のいずれかに該当し、かつ「TOEFL」または「CET6」を受験したことがある者

1. 4年制大学で学士の学位を授与された者
2. 2017年9月までに4年制大学で学士の学位を授与される見込みの者

## III. 入学までのスケジュール

2016年		
	9月30日	説明会参加希望者申込み期限
	10月20日	説明会への参加証の送付
	11月18日	説明会, 適性審査
	12月12日	適性審査結果発表
2017年		
	1月5日	希望指導教員とのマッチング期限
	1月25日	出願期限
	2月10日	合格通知
	3月14日	入学手続期限
	10月1日	入学

## IV. 説明会について

創成科学研究科学生募集に係る事前説明会および適性審査を行います。

日 時：2016年11月18日（金）

場 所：山口大学北京国際連携オフィス（首都師範大学内）

専攻	適性審査
基盤科学系専攻	専攻に係る口頭試問（日本語または英語による面接）
地球圏生命物質科学系専攻	
機械工学系専攻	学力検査（数学）、テレビ会議システムを使用した面接（日本語または英語）
建設環境系専攻	
化学系専攻	
電気電子情報系専攻	

## V. 説明会参加申し込み

### 1. 申込期間

2016年9月21日（水）～9月30日（金）必着

### 2. 申込書類

下記の書類を、日本語または英語で作成してください。

説明会参加申込書	本研究科所定の用紙に、必要事項を記入してください。
写真票 参加証	本研究科所定の用紙に、必要事項を記入してください。 写真票の所定欄に、出願前3ヶ月以内に撮影した上半身・無帽・正面向きの写真（4cm×3cm）をはってください。
卒業（見込） 証明書	出身大学の卒業（見込）証明書
成績証明書	出身大学が作成したもの
推薦書	出身大学の指導教員または学部長の推薦書
履歴書	本研究科所定の用紙に、必要事項を記入してください。
研究計画書	本研究科所定の用紙に、研究を希望するテーマ、その目的および研究方法などを記入してください。（注1）
その他	TOEFL(R)のスコアの写しまたはCET6の成績通知書の写し

（注1）研究計画書は、本研究科所定の用紙に日本語では800字程度、英語では200語程度で記入してください。なお、できるだけパソコン等を使用し作成してください。

### 3. 申込方法

説明会参加希望者は、申込み期限までに申込書類を下記「4. 提出先」に提出してください。郵送の場合は、必ず「EMS」とし、封筒の表に「北京学生募集説明会参加申込書 在中」と朱書してください。

### 4. 提出先

「基盤科学系専攻・地球圏生命物質科学系専攻」

山口大学理学部学務係

〒753-8512 山口市吉田1677-1

電話 +81-83-933-5215 FAX +81-83-933-5768

E-mail hc135@yamaguchi-u.ac.jp

「機械工学系専攻・建設循環系専攻・化学系専攻・電気電子情報系専攻」

山口大学工学部学務課入試係

〒755-8611 宇部市常盤台2丁目16-1

電話 +81-836-85-9009 FAX +81-836-85-9019

E-mail en304@yamaguchi-u.ac.jp

### 5. 説明会出席案内および参加証の発送について

発送予定日：2016年10月20日（木）

### 6. 適性審査の結果発表

2016年12月12日（月）

適性審査合格者へは適性審査合格通知書を送付します。また、山口大学大学院創成科学研究科のホームページに適性審査合格者の受験番号を掲載します。



<http://www.gsti.yamaguchi-u.ac.jp/>

#### 7. 指導教員とのマッチングについて

適性審査合格者は、次の期日までに希望指導教員と連絡を取り、話し合いを行います。結果については本人に通知し、希望指導教員とマッチした者に出願書類を送付しますので、以下の出願手続に沿って書類を提出してください。

期日：2017年1月5日（木）

### VI. 出願手続

#### 1. 出願期限

2017年1月25日（水）必着

#### 2. 出願書類

入学志願票	本研究科所定の用紙に、必要事項を記入してください。
検定料	30,000円 日本円のみ可。支払方法については、別途連絡します。

※提出書類および検定料は返却されません。

#### 3. 出願方法

入学志願者は、出願期限までに提出書類を下記「4. 提出先」に提出してください。

#### 4. 提出先

「基盤科学系専攻・地球圏生命物質科学系専攻」

山口大学理学部学務係

〒753-8512 山口市吉田1677-1

電話 +81-83-933-5215 FAX +81-83-933-5768

E-mail [hc135@yamaguchi-u.ac.jp](mailto:hc135@yamaguchi-u.ac.jp)

「機械工学系専攻・建設環境系専攻・化学系専攻・電気電子情報系専攻」

山口大学工学部学務課入試係

〒755-8611 宇部市常盤台2丁目16-1

電話 +81-836-85-9009 FAX +81-836-85-9019

E-mail [en304@yamaguchi-u.ac.jp](mailto:en304@yamaguchi-u.ac.jp)

### VII. 選抜方法

入学者の選抜は、提出書類に基づき総合判定して行います。

### VIII. 選抜結果の通知

2017年2月10日（金）

合格者へは合格通知書および入学手続書類を送付します。また、山口大学大学院創成科学研究科のホームページに合格者の受験番号を掲載します。

<http://www.gsti.yamaguchi-u.ac.jp/>

### IX. 入学手続

入学手続期限

2017年3月14日（火）必着

### X. その他

#### 1. 入学年月日

2017年10月1日

#### 2. 博士前期課程修学年数 2年

### 3. 入学料および授業料

(1) 入学料 282,000 円

(2) 授業料 前期分(4～9月) 267,900 円(納付期限:5月末)

後期分(10～3月) 267,900 円(納付期限:11月末)

注1. 本募集要項公表後,2017年度入学者に係る入学料,授業料を本学が改定した場合は,改定後の額を納入していただきます。また,既に納入されていた場合は,改定額との差額を納入していただきます。

注2. 在学中に授業料額が改定された場合,改定後の額を納入していただくことになります。

出願書類等については,本研究科入学者選抜において必要なためご提出いただくものであり,これによって得た個人情報を,独立行政法人等の保有する個人情報の保護に関する法律第9条に規定されている場合を除き,出願者本人の同意を得ることなく他の目的で使用または第三者に提供することはありません。

# Academic Staff and Research Field

## [Sciences]

Division	Study Course	Academic Staff	Research Field
基盤科学系専攻 [Division of Fundamental Sciences]	数理科学コース [Mathematical Science]	Professor Fumihiko Hirose	Complex Analysis, Analytic Number Theory, Fourier Analysis, and Partial Differential Equations.
地球圏生命物質科学系 専攻 [Division of Earth Science, Biology, and Chemistry]	生物学コース [Biology]	Professor Isamu Miyakawa	Study on the structure and dynamics of organelles in eucaryotic cells.
		Professor Shigehiko Yumura	Study on molecular mechanisms for cell motility and cell division.
		Professor Ryutaro Murakami	Study on developmental mechanisms of Drosophila embryo.
		Professor Akira Yamanaka	Study on the physiological mechanisms concerning the environmental adaptation and phenotypic plasticity in insects.
		Associate Professor Manabu Hori	Study on behavior and ciliary functions in Ciliates.
	地球科学コース [Earth Sciences]	Associate Professor Mariko Nagashima	Systematic understanding of behavior of transition elements and hydrogen-bonding system in minerals, and its effect on crystal structures and physical
		Associate Professor Toshiya Abe	Study on growth and decomposition of mineral materials depending on physical and chemical conditions.
		Professor Masaaki Owada	Magma processes in orogenic belts: Implications for crust–mantle interaction.
		Professor Toshiaki Shimura	Metamorphic P-T condition and tectonics.
		Professor Arito Sakaguchi	Accretion and subduction seismogenesis sciences on land and the ocean.
		Professor Koji Wakita	Geoinformatics and international standard for geoinformation.
		Associate Professor Kiichiro Kawamura	Sedimentation, consolidation, accretion and collapse at seabed.
		Associate Professor Takehiro Ota	Study on engineering geology and environmental geology.
		Associate Professor Kiyokazu Oohashi	Study on mechanical properties and deformation mechanisms of crustal rocks.

# Academic Staff and Research Field

## [Engineering]

Division	Study Course	Academic Staff	Research Field
機械工学系専攻 [Division of Mechanical Engineering]	応用医工学 [Biomedical Engineering Course]	Professor X. Chen	Computational biomechanics Computer simulation in medicine
	航空宇宙エネルギー [Aerospace and Thermal Engineering Course]	Professor S. Mochizuki	<ul style="list-style-type: none"> <li>• Experimental study on the turbulent structure in wall bounded shear flow</li> <li>• Control and management of jets, channel and pipe flow</li> <li>• Development of measurement techniques for wall shear stress and velocity</li> </ul>
	メカノシステムデザイン [Mechanosystems Design Engineering Course]	Associate Professor F. Fujii	<ul style="list-style-type: none"> <li>• Development of wearable robotic systems powered by McKibben artificial muscles</li> <li>• Design and optimization of embedded controller in human-machine systems</li> <li>• Adaptive personalization of head related transfer function for high quality positional audio playback system</li> </ul>
		Professor K. Goda	<ul style="list-style-type: none"> <li>• Toughening and strengthening of green composites reinforced with cellulose nano fibers</li> <li>• Strength properties of carbon fiber-reinforced plastics (CFRP) and stochastic modeling</li> <li>• Computer simulation of interfacial sliding in ceramic matrix composites</li> </ul>
		Professor Z.W. Jiang	<ul style="list-style-type: none"> <li>• Smart sensor, actuator and mechatronics system development</li> <li>• Vital sign measurement and analysis</li> <li>• Mechanics and vibration in biomedical engineering</li> </ul>
	建設環境系専攻 [Division of Construction and Environmental Engineering]	社会建設工学 [Civil and Environmental Engineering Course]	Professor M. Suzuki
Professor N. Shimizu			Rock Mechanics and Rock Engineering: Design, Construction, Stability Assessment and Maintenance of Tunnels, Underground Caverns, Slopes and Dams. Field Measurements and Numerical Analysis
Professor Y. Nakata			Geomechanics from micro to macro and its application to geotechnical engineering
Associate Professor N. Yoshimoto			Education and Research on Exploitation and Effective Use of Resources in Geotechnical Engineering
Associate Professor H. Sakakibara			Participatory Decision Making in Infrastructure Planning and Management
Professor T. Aso			Corrosion of Steel Bridges, Dynamic Characteristics of Structures
Associate Professor G. Watanabe			Seismic Design of Bridge Structures and Maintenance & Monitoring Technique of Bridge Structures
Associate Professor K. Takami			<ul style="list-style-type: none"> <li>• Study on Usage of Industrial Waste Product as Concrete Material</li> <li>• Study on Nondestructive Testing of Structures Using elastic Wave</li> </ul>
Associate Professor Y. Akamatsu			River Engineering, Ecohydraulics and River Restoration Works
Associate Professor K. Yamamoto			Sediment Transport in the Estuary, Water Quality in the Water Environment
国際建設技術 [Civil and Environmental Engineering International Course]		Professor M. Shinji	Design Methodology and Construction Method of Underground Infrastructure
	Associate Professor H. Suzuki	Regional Transportation Planning Travel management through communication	

# Academic Staff and Research Field

## [Engineering]

Division	Study Course	Academic Staff	Research Field
建設環境系専攻 [Division of Construction and Environmental Engineering]	国際建設技術 [Civil and Environmental Engineering International Course]	Associate Professor I. Yoshitake	<ul style="list-style-type: none"> <li>•Mechanical Properties of Fly-ash Concrete</li> <li>•Strengthening of Steel/Concrete Members with Fiber Reinforced Polymer</li> <li>•Steel-Concrete Composite Structure Using an Adhesive</li> </ul>
		Professor K. Asai	<ul style="list-style-type: none"> <li>•Study on water quality purification of lake with Light Emission Diode (LED)</li> <li>•Study on effective utilization of flood hazard map</li> <li>•Development of high-accuracy and high-resolution numerical methods for disaster and environmental problems</li> </ul>
		Professor M. Sekine	<ul style="list-style-type: none"> <li>•River Habitat Evaluation and River Habitat Improvement Works</li> <li>•Water Pollution Analysis and Control</li> <li>•Environmental Analysis using Satellite Remote Sensing</li> </ul>
		Associate Professor Md.Azizul Moqsud	<ul style="list-style-type: none"> <li>•Green energy (bio-electricity) by using Microbial fuel cell (MFC)</li> <li>•Bio-remediation of contaminated soil/ soil that is damaged by natural disaster</li> <li>•Geo-environmental approach for sediment improvement</li> </ul>
	環境システム工学 [Environmental System Engineering Course]	Professor T. Imai	Optimum Management or Treatment of Wastewater and Organic Solid Waste
		Associate Professor T. Higuchi	Measurement, Evaluation and Control of Hazardous Air Pollutants and Odors
		Professor M. Niinae	Development of Environmental Clean-up Techniques and Resources Recycling System
		Associate Professor T. Suzuki	Drinking Water Treatment and Soil Remediation Technologies
	建築学 [Architecture Course]	Professor E. Inai	Estimation of Structural Performance and Seismic Performance of Buildings, Development of New Structural System for Buildings
		Professor M. Fujita	Reduce of Environmental Burden and Building Steel Structure, Building System for a Composite Structure, Estimation of Steel Structural Performance, Development of New Structural Members
		Associate Professor T. Akita	Estimation of Structural Performance and Seismic Performance of Buildings, Analysis of Buildings Considering Dynamic Soil-Structure Interaction
		Associate Professor Zhuguo Li	<ul style="list-style-type: none"> <li>•Development of Eco/ Fireproof Building Materials</li> <li>•Rheology and Numerical Analysis Method of Fresh Concrete</li> <li>•Environment-Conscious Design/Selection Technology of Building Materials</li> </ul>
		Professor M. Nakazono	System Design for Renovation and Conversion of Traditional Timber House
		Professor S. Ikaruga	<ul style="list-style-type: none"> <li>•Analysis of Land Use and Development of Simulation System</li> <li>•Propose of Urban Design Method using the Workshop Support System</li> </ul>
		Professor M. Koganei	Development of Energy Saving Technology for Building and Housing, Optimum Control of HVAC Systems
Associate Professor H. Murakami	Study on Human Casualty Estimation in Disasters and Urban and Community Disaster Mitigation Planning		

# Academic Staff and Research Field

## [Engineering]

Division	Study Course	Academic Staff	Research Field
化学系専攻 [Division of Applied Chemistry]	物質化学 [Materials Chemistry Course]	Professor M. Nakayama	Synthesis of Inorganic and Inorganic-Organic Materials for Energy and Environmental Applications
		Professor K. Kasatani	Development and Characterization of Organic Optical Functional Materials
	生命化学 [Bioengineering and Chemistry Course]	Professor A. Kamimura	Natural product synthesis and organo radical chemistry
		Associate Professor T. Nishikata	The development of new transition metal catalyzed organic reactions
		Associate Professor M. Yoshimoto	Bioprocess and biochemical engineering in food, biotechnology and medical fields
	環境化学・化学工学 [Environmental Chemical and Chemical Engineering Course]	Professor K. Hori	<ul style="list-style-type: none"> <li>•Mechanisms for chemical reactions using quantum mechanical calculations including solvent effects.</li> <li>•Data base which gathers results of theoretical calculations.</li> <li>•Synthesis route developments of drugs based on computational chemistry and cheminformatics.</li> <li>•Development of chemical processes using micro-reactors in conjunction with quantum mechanical calculations.</li> </ul>
		Professor M. Higa	<ul style="list-style-type: none"> <li>•Electrochemical Membranes(ED, RED, DMFC, DMAFC)</li> <li>•Membranes for water processing(RO, FO)</li> </ul>
電気電子情報系専攻 [Division of Electrical, Electronic and Information Engineering]	電子デバイス工学 [Electronic Devices Engineering Course]	Professor K. Tadatomo	Epitaxial Growth and Wafer Process of III-nitride Optical Semiconductor Devices
		Professor T. Koyanagi	Development of New Thermoelectric Materials with High Efficiency
	電子システム工学 [Electronic Systems Engineering Course]	Professor K. Tanaka	<ul style="list-style-type: none"> <li>•Research of Theory and Application of Intelligent Control</li> <li>•Research of Medical and Welfare System</li> </ul>
		Associate Professor M. Hotta	<ul style="list-style-type: none"> <li>•Electromagnetic Analysis of Guided-Wave Structures and its Applications</li> <li>•Development of Coupled-Resonator type Wireless Power Transfer System</li> <li>*) Ability of Electromagnetism is required.</li> </ul>
	知能情報メディア工学 [Intelligent Systems and Media Engineering Course]	Professor K. Tadamura	<ul style="list-style-type: none"> <li>•Photo-realistic rendering in computer graphics</li> <li>•Development of a walk-through system for evacuation drills in virtual space under the assumption of large-scale disaster</li> </ul>
	情報システム工学 [Information Systems Engineering Course]	Associate Professor Y. Hirano	<ul style="list-style-type: none"> <li>•Computer-aided diagnosis</li> <li>•Image-based computer simulation for biomedical application</li> </ul>
		Associate Professor Y. Tamura	<ul style="list-style-type: none"> <li>•Reliability Analysis for Big Data on Cloud Computing</li> <li>•Dependability Modeling for Mobile Clouds</li> </ul>
		Associate Professor S. Yamaguchi	<ul style="list-style-type: none"> <li>•Service Science</li> <li>•Internet of Things</li> <li>•Model-Driven Development</li> <li>•Cyber Security</li> </ul>
		Associate Professor K. Kawamura	<ul style="list-style-type: none"> <li>•Automation of visual inspection using advanced information technologies</li> <li>•Lifetime Engineering of Civil Infrastructures including Bridge Management System</li> </ul>