2026

Graduate School of Innovation and Technology Management

(Professional Graduate School: Master's Course)

Yamaguchi University

Application Guide and Form

For October 2026 Admission

YAMAGUCHI
UNIVERSITY

Graduate School of Innovation and Technology Management
Yamaguchi University
Admission Policy and Diploma Policy

Admission Policy (AP)

For Master's Program in Technology Management (Professional), Graduate School of Innovation and Technology Management, Yamaguchi University

At the Graduate School of Innovation and Technology Management at Yamaguchi University, we aim to cultivate technology-management professionals who can tackle challenges from both technological and managerial perspectives to produce innovative results. Accordingly, we seek applicants who possess the following attributes:

Desired Student Profile

1. Applicants who aspire to play a central role in driving innovation—within companies, organizations, regions, or internationally—and who are committed to generating and applying its outcomes.

2. Applicants who, from a strategic perspective, are eager to harness technology to create value and solve management challenges, intend to master the requisite theories and methods, and aim either to lead themselves, support senior leadership, or assume future executive responsibility.

3. Applicants who seek to pursue new ventures or elevate existing businesses and roles by creating and leveraging intellectual property and by applying and systematizing their accumulated professional experience.

Admissions Selection Policy

To admit applicants who possess the abilities and aptitudes suited to study in the Graduate School of Innovation and Technology Management, Yamaguchi University, we conduct a multifaceted and holistic evaluation of applicants' competencies.

- For General and Recommendation-Based Admissions:

  Candidates are assessed through an interview and a comprehensive review of application materials.
- For Special Admissions for International Students & Transfer Examination (Partner Universities):

  Candidates are evaluated based on the submitted application documents.

Key Evaluation Points

Selection Criteria	Specialized knowledge and skills needed to conduct theoretical and practical research	Ability to think logically and critically, and apply to problem-solving	Rich humanity, social awareness, ethics, and cooperativeness
Interview	◎	◎	○
Application documents	◎	◎	○

◎ = assign higher priority during evaluation

○ = assign high priority during evaluation

Diploma Policy (DP)

For Master's Program in Technology Management (Professional), Graduate School of Innovation and Technology Management, Yamaguchi University

We aim to nurture technology-management professionals who are capable of tackling problems from both technological and managerial perspectives and producing innovative outcomes. Aligned with Yamaguchi University's overarching Diploma Policy, we hereby establish the following as the Diploma Policy for the Graduate School of Innovation and Technology Management. Students who satisfy these criteria will be conferred the degree of Master of Technology Management (Professional).

1. Advanced Expertise and Scholarly Inquiry

1. Attain, through interdisciplinary study, a deep understanding of innovation—its significance and the methodologies that foster it—and apply this knowledge proactively in practice. [DP1-1]

2. Uphold rigorous ethical standards and demonstrate a collaborative spirit in business activities, thereby contributing meaningfully to society. [DP1-2]

2. Broad Intellectual Foundation

3. Master the knowledge essential for the organizational execution of R&D and business initiatives, accurately identify relevant challenges, and address them with rational efficiency. [DP2-1]

4. Comprehend fundamental economic principles and value-assessment techniques to convert business outcomes to economic value. [DP2-2]

3. Autonomy, Collaboration, and Realization of Ideas

5. Recognize the strategic importance of intellectual property and master the frameworks and methodologies needed to leverage it in corporate settings, proactively enabling the generation and protection of novel ideas as intellectual assets. [DP3-1]

6. Prepare to excel in global environments by understanding diverse societies and cultures, formulating hypotheses, designing research methodologies, and conducting research autonomously. [DP3-2]

I. Outline of School

Name	Graduate School of Innovation and Technology Management
Major	Department of Technology Management
Degree	Master of Technology Management
Length of Course	Two Years

II. Date of Admission

October 1, 2026

*All classes are taught in English for students enrolled in October.

III. Admission Quota for October 2026 Admission

Department of Technology Management: Several students

IV. Eligibility

Applicants must fall under one of the following categories:

(1) University graduates or those expecting to graduate from a university by September 30, 2026.

(2) Those who have been awarded a bachelor's degree under the provisions of Paragraph 4, Article 104 of the School Education Act (Japan) or those who are expected to receive one by September 30, 2026.

(3) Those who have completed or are expected to complete 16 years of school education in a foreign country by September 30, 2026

(4) Those who have completed or are expected to complete, by September 30, 2026, 16 years of school education through correspondence courses provided in Japan by an overseas educational institution.

(5) Those who have completed or are expected to complete, by September 30, 2026, an education course provided by a Japanese educational institution that has been recognized by the school education system of a foreign country as the country's academic course and designated by MEXT, provided that the persons have received 16 years of the country's school education.

(6) Those who have a degree equivalent to a bachelor's degree by completing the course with the period for completion of more than three years at a foreign university or foreign school (as evaluated by the foreign government or accreditation organization of such a foreign country or specified as equivalent to such educational institutions by MEXT) . (This may include applicants who have completed the course equivalent to the same course in Japan through a correspondence course provided by a foreign educational institution or at a foreign educational institution positioned as a facility that has a university curricula specified as equivalent to an educational institution in Japan as prescribed in the preceding item.)

(7) Those who have completed or are expected to complete, after the date determined by MEXT, a course separately designated by MEXT at a specialized training college (which graduation requires at least four years, and also meets the other standards established by MEXT) by September 30, 2026.

(8) Those who are designated by MEXT (under the Public Notice of the Ministry of Education No. 5 on February 7, 1953).

(9) Those who are enrolled in a graduate program of another university under the provisions of Paragraph 2, Article 102 of the School Education Act (Japan) and are deemed by the Graduate School of Innovation and Technology Management to possess the academic capability required to follow a graduate program at the Graduate School.

(10) Those, 22 years old or above as of September 30 2026, who, following an individual entrance eligibility screening, are deemed by the Graduate School to possess the academic capability equivalent to or greater than that of a university graduate.

(11) Those who meet any of the requirements listed below and are deemed by the Graduate School of Innovation and Technology Management to have achieved outstanding results for the courses designated by the Graduate School in accordance with the grade slipping system of Yamaguchi University:

1. Those who will have been enrolled in a university for 3 years or more as of September 30, 2026.
2. Those who have completed 15 years of school education in a foreign country by September 30, 2026.
3. Those who have completed 15 years of school education by taking correspondence courses provided in Japan by an overseas educational institution.

Note: Those who wish to apply on the basis of Item (9), (10), (11) must go through a prior screening of eligibility before starting the application process. Please refer to page 11-12 for details and contact the Admission Office specified in the section "V. 4. Admission Office" in advance.

V. Application Process

1. Application Period

Please hand in the application documents to the Admission Office
from April 20, 2026 (Mon.) to May 7 (Thu.), 2026, 8:30 – 17:15.

If the application documents are sent by courier service (including EMS), please make sure that they must arrive before May 7, 2026.

2. Application Documents

All documents must be filled out in English and submitted.

- Application for Admission - Photograph card - Identification card for Exam	- Fill out the provided forms. - Paste a photograph (4cm x 3cm head-and-shoulder shot without hat taken within the last three months) in the specified field on the photograph card.
Graduation Certificate Academic Transcript	Certificate of the highest academic degree obtained or expected to be obtained. Official transcript from a graduate school; and/or a university. Applicants expected to complete or having completed the Advanced Course (the two-year post-diploma engineering program) should submit their Advanced Course transcript and a transcript from their previous institution (a technical vocational college or junior college). Applicants who have transferred to a university should also submit a transcript from their previous school.
Statement of application purpose: Form 1- (A) and Form 2 or, Form 1- (B) and Form 2	Fill out the provided form. <u>Those who have work experience</u> - Statement of application purpose 1- (A) with "professional background" in detail - Statement of application purpose 2 with "reason for applying and plan of dissertation". (Please refer to page 34 for the plan of dissertation. You may change your dissertation plan after entering the graduate school.) <u>Those who do not have work experience</u> -Statement of application purpose 1- (B) with "past research activities (e.g. the content of the graduation thesis)" - Statement of application purpose 2 with "reason for applying and plan of dissertation". (Please refer to page 34 for the plan of dissertation. You may change your dissertation plan after entering the graduate school.) *The text can be typed with word processing software and pasted on the provided form. **Supplemental materials (e.g. patent specification, technical report) can be attached if necessary.

Application fee	Application fee is JPY 30,000 The bank account (Yamaguchi University bank account) will be notified separately, so please inquire at "4.Admission Office". - Remittance from overseas (telegraphic transfer): (1) The application fee should be paid in Japanese yen. (2) The applicant should remit the right amount of the application fee to the account specified by Yamaguchi University. In addition to the application fee, the applicant should also pay the remittance fees as well as any other commissions to the remitting bank to make sure the right amount of the fee will be received by Yamaguchi University. (3) All remittance fees and any other commissions including lifting charge or handling fees will be borne by the applicant. (4) Remittance should reach the specified account by the end of the application period. (5) Paste the receipt on the reverse side of the application form. The application fee, once paid, will not be refunded under any circumstances. *Applicants who will pay from within Japan are asked to contact the Admission Office prior to the payment for further details. **Foreign students supported by a scholarship from the Japanese Government are exempted from the application fee.
Other documents	【For Applicants Under Eligibility Criterion (2)】 ・Those who have been awarded a bachelor's degree must submit a certificate of degree conferment. ・Applicants who are "expected to obtain a degree" must submit the following certificate issued by the president of the junior college or the college of technology where the applicant is enrolled. ① A certificate of expected completion for the Advanced Course in which applicants are currently enrolled. ② A certificate stating that applicants intend to apply for the conferment of the bachelor's degree (any format).

	【For Applicants Under Eligibility Criterion (7)】 A certificate issued by the president of the college from which the applicant graduated or by the president of their current college (to be enclosed with these application guidelines, for use with Eligibility Criterion (7)). Foreign applicants should submit a copy of their passports.

Note: Application documents are required to be submitted strictly for the selection of the graduate students. Except the cases specified in Each item of Article 18, Paragraph 3 and each item of Article 27, Paragraph 1 of the Act on the Protection of Personal Information Held, any personal information collected will not be used for any other purpose or handed to a third party without applicants' permission.

3. Application Submission

(1) During the application period, applicants must hand in all the documents listed above to the Admission Office specified bellow.

(2) If the documents are posted from within Japan or from overseas, please send by EMS with "Application for Graduate School of Innovation and Technology Management" written in red ink on the envelope.

4. Admission Office

Engineering Department Admission Office,
Faculty of Engineering, Yamaguchi University,
2-16-1, Tokiwadai, Ube, 755-8611, JAPAN
TEL: +81-836-85-9012 FAX: +81-836-85-9019
E-mail: en304@yamaguchi-u.ac.jp

VI. Selection of Students

1. Judgment of Acceptance

The judgment of acceptance shall be decided by comprehensive evaluation based on Online interview, academic transcripts, and other submitted documents.

(1) Online Interview

Each Online interview will be conducted in English using a web conference tool such as “Webex” or “Zoom” for about 30 minutes.

The applicant will give a 10-minute presentation based on the content of their submitted "Statement of application purpose". After the presentation, admission interviewer will ask questions about the presented content.

2. Date of the interview

June 7(Sun.),2026

The interview time will be stated in the admission ticket to the interview sent to the applicant.

VII. Matters that require attention

1. On the interview day, bring the admission ticket with you.

2. Changes of the contents of the submitted documents shall not be allowed after submission.

3. If any falsification in the application documents is discovered, permission to admission may be rescinded, even after the applicant has been admitted.

4. Those who enroll the school with the eligibility requirement specified in the item (11) of IV. Eligibility (grade skipping) shall lose the status as undergraduate students. Please be noted that those students shall not satisfy the qualification for some examinations (in Japan) which require the completion of undergraduate study. The applicants who consider to apply with the item (11) should be responsible for any disadvantage caused.

5. For further inquiry about admission, please consult the Admission Office specified in the section “V. 4. Admission Office”.

VIII. Announcement of Selection Results

12:00 (JST) June 16 (Tue.), 2026

The notification of the acceptance will be sent to successful candidates. The admission office will not respond to telephone inquiry.
The results are also announced on the Homepage of the Graduate School of Innovation and Technology Management. The official website of the school:
https://mot.yamaguchi-u.ac.jp/

IX. Matriculation Procedure

Successful candidates will receive the documents about the matriculation procedure by mail. They should present at the Tokiwa Campus or send all the relevant documents by registered mail or EMS to complete the matriculation procedure during the following period.

1. Matriculation Procedure Period
   June 29 (Mon.) – July 3(Fri.), 2026

2. Matriculation Fee
   Matriculation fee: 282,000 yen

The matriculation fee is paid when the applicant is present for the matriculation procedure or by bank transfer using the prescribed form. The matriculation fee is a one-time payment.

Note 1: The matriculation fee, once paid, will not be refunded under any circumstances. "Under any circumstances" includes "even if the person declines admission."

Note 2: In the case that Yamaguchi University decides to revise the matriculation fee for the year of 2026 after the release of this Application Guide and Form, the revised fee will be applied.

Note 3: For candidates who plan to pay the fee from overseas, please consult the Admission Office (see section V.4).

X. Others

1. Tuition Fee:
   October – March Semester: 267,900 yen to be paid by the end of November
   April – September Semester: 267,900 yen to be paid by the end of May

The payment of tuition fee shall be made after the matriculation.

Note 1: In the case that Yamaguchi University decides to revise the tuition fee for the year of 2026 after the release of this document, the revised fee will be applied.

Note 2: If the revision of the tuition fee is made during the student's academic years, the new tuition fee will be applied.

2. Other Fees:
Student Health Union Insurance: 5,000yen
Disaster and Accident Insurance for Student Education and Research: 2,430 yen

3. Preliminary consultation with applicants with disabilities and other disabilities
Applicants with disabilities who require special consideration in taking the entrance examination and in studying should submit a consultation form (Form: page24) describing the specific accommodations they wish to make in taking the entrance examination and in studying to the Admissions Office by March 19(Thu.), 2026, prior to application.

Regarding the Approval Process for Application Eligibility (9), (10) and (11)

1. Details on Application Eligibility

(1) Regarding application eligibility (9) :
Those who are enrolled in a graduate program of another university under the provisions of Paragraph 2, Article 102 of the School Education Act and are deemed by the Graduate School of Innovation and Technology Management to possess the academic capability required to follow a graduate program at the Graduate School. This category includes applicants who had studied in a university for three years or more, achieving outstanding results for specified credits and then enrolled in another graduate school when they had less than the specified period of education.
Required documents:
- A request form for prior evaluation of eligibility (please use the provided form).
- Records for admission application eligibility evaluation (please use the provided form).
- Statement of application purpose - Form 2 (please use the provided form).
- Certificate of studying period and academic transcript for undergraduate level from the most recent university.
- Certificate of enrollment and academic transcript from the enrolled graduate school.
- A stamped, self-addressed envelope (From within Japan, applicants must prepare an envelope of No. 3 size with a written return address and a 110-yen stamp on it. Applicants living outside Japan are asked to contact the Admission Office of the School to ensure that they will be able receive their return mail by Express Mail Service (EMS)).

(2) Regarding application eligibility (10):
Those, 22 years old or above, who have gone through an individual entrance eligibility screening and are deemed by the Graduate School to possess the academic capability equivalent to or greater than that of a university graduate.
Required documents:
- A request form for prior evaluation of eligibility (please use the provided form).
- Records for admission application eligibility evaluation (please use the provided form).
- Statement of application purpose - Form 1- (A) and Form 2 (please use the provided form).
- Certificate of graduation (or completion) from the most recent school.
- Concrete documents or reference materials such as research presentations, technical reports, patents, utility models etc.

- A stamped, self-addressed envelope (From within Japan, applicants must prepare an envelope of No. 3 size with a written return address and a 110-yen stamp on it. Applicants living outside Japan are asked to contact the Admission Office of the School to ensure that they will be able receive their return mail by Express Mail Service (EMS)).

(3) Regarding application eligibility (11):
Those who will have been enrolled in a university for 3 years or more as of September 30, 2026 and are deemed by the Graduate School of Innovation and Technology Management in a preliminary evaluation to have achieved outstanding results for specified courses. This category includes those, at the time of application, are enrolled in the third year of the university and will have reached three years of academic years on September 30 or those who have acquired all fundamental subjects' credits necessary for graduate school study and have achieved outstanding results for specialized subjects.
Required documents:
- A request form for prior evaluation of eligibility (please use the provided form).
- Statement of application purpose - Form 2 (please use the provided form).
- Academic transcripts and documents that can confirm the course subjects that are being taken. (Copies of registration etc.)
- Registration Rules and Subject Syllabus etc. of the enrolled university/faculty.
- A stamped, self-addressed envelope (From within Japan, applicants must prepare an envelope of No. 3 size with a written return address and a 110-yen stamp on it. Applicants living outside Japan are asked to contact the Admission Office of the School to ensure that they will be able to receive their return mail by Express Mail Service (EMS)).

2. Application period for Prior Evaluation of Admission Eligibility

From March 30 (Mon.) to April 1 (Wed.), 2026, applicants must hand in all required documents for the prior evaluation to the Admission Office specified below.

If the documents are posted, please send by Registered Express Mail or EMS with "Prior Evaluation of Admission Eligibility Application for Graduate School of Innovation and Technology Management" written in red ink on the envelope. All posted documents must arrive not later than April 1 (Wed.), 2026.

3. Admission Office

Engineering Department Admission Office,
Faculty of Engineering, Yamaguchi University,
2-16-1, Tokiwadai, Ube, 755-8611, JAPAN
TEL: +81-836-85-9012 FAX: +81-836-85-9019
E-mail: en304@yamaguchi-u.ac.jp

4. Result Notification

The result will be sent to applicants by April 10 (Fri.), 2026.

5. Application Procedure

Applicants who have passed the Prior Evaluation of Admission Eligibility will need to continue to submit all other documents as required by other general applicants. Please follow the session "V. Application Process".

山口大学大学院技術経営研究科のアドミッション・ポリシー及びディプロマ・ポリシー

●アドミッション・ポリシー(AP)

山口大学大学院技術経営研究科技術経営専攻では、技術と経営の二つの視点から問題に取り組み、創造的な成果を生み出していくことのできる技術経営人材の育成を目指します。そのために次のような学生の入学を求めています。

求める学生像

[1]企業、組織、地域、国内外などで自らが中核となってイノベーションに携わり、成果の創出や活用を目指した取り組みをしようとする人

[2]企業経営や組織運営において、戦略的な視点から技術を活用した価値創造や経営課題解決に意欲を持つとともに実践に必要な理論や手法を習得して、自ら経営にあたる、経営層を補佐する、将来に向けての経営の一翼を担おうとする、などの意志を持つ人

[3]知的資産の創出と活用、蓄積した業務経験の活用や体系化などに基づく新規起業や事業・職務の遂行における高度化などに挑戦的に取り組もうとする人

入学者選抜の基本方針

山口大学大学院技術経営研究科技術経営専攻の教育を受けるにふさわしい能力・適性を備えた入学者を受け入れるために、技術経営専攻が求める能力・適性を多面的・総合的に評価し、選抜します。

一般選抜及び推薦入試による選抜では、面接及び出願書類を総合して判定します。

外国人留学生特別選抜及び転入学試験(協定大学)では、出願書類に基づき判定します。

入学試験で重視するポイント

選抜内容	理論的・実践的研究を遂行するために必要な専門的知識・技能	物事を論理的・批判的に考え問題解決につなげることができる能力	豊かな人間性、社会性、倫理性と協働性の兼備
面　接	◎	◎	○
出願書類	◎	◎	○

◎:強く重視して評価する　○:重視して評価する

●ディプロマ・ポリシー(DP)

山口大学大学院技術経営研究科技術経営専攻では、技術と経営の二つの視点から問題に取り組み，創造的な成果を生み出していくことのできる技術経営人材の育成を目指します。この実現のために、山口大学のディプロマ・ポリシーのもと、以下を技術経営研究科のディプロマ・ポリシーに定めます。これらを満たした学生に対して、「技術経営修士（専門職）」の学位を授与します。

［1］高度な専門性と学識

1. イノベーションの意義や創発するための方法論について学問横断的に学習・理解し，その知識を主体的に実務に活用・応用できる。[DP1-1]
2. 高い倫理観を持って他者と協調して事業活動に取り組む態度を涵養し，社会に貢献することができる。[DP1-2]

［2］豊かな教養

1. 研究開発や事業活動などを組織的に遂行するために必要な知識を学び，自らの課題を正しく把握し，それらに合理的かつ効率的に対処することができる。[DP2-1]
2. 経済法則の原理と価値の計測方法を正しく学習・理解し，事業活動の成果を経済的価値に結びつけることができる。[DP2-2]

［3］自律・協働する力と物事をかたちにする力

1. 知的資産の重要性を理解し，事業遂行に役立てていく仕組みや方法を修得したうえで，自らアイディアを創出し知的資産化することができる。[DP3-1]
2. グローバルなフィールドで活躍できるように，多様な社会や文化を理解するとともに，自ら仮説を立てて研究方法を構築し，遂行することができる。[DP3-2]

Ⅰ　技術経営研究科の概要

名　　称	山口大学大学院技術経営研究科 Graduate School of Innovation and Technology Management
専　　攻	技術経営専攻 Department of Technology Management
学位名称	技術経営修士（専門職） 【Master of Technology Management】
修了年限	２年

Ⅱ　入学年月日

2026 年 10 月 1 日

※10 月入学者への授業については，すべて英語で行われます。

Ⅲ　募集人員(2026 年 10 月入学)

技術経営専攻　　若干名

Ⅳ　出願資格

(1)　大学を卒業した者及び 2026 年９月までに卒業見込みの者

(2)　学校教育法第 104 条４項の規定により大学評価・学位授与機構から学士の学位を授与された者及び 2026 年９月までに授与見込みの者

(3)　外国において，学校教育における 16 年の課程を修了した者及び 2026 年９月までに修了見込みの者

(4)　外国の学校が行う通信教育における授業科目を我が国において履修することにより当該外国の学校教育における 16 年の課程を修了した者又は，2026 年９月までに修了見込みの者

(5)　我が国において，外国の大学の課程(その修了者が当該外国の学校教育における 16 年の課程を修了したとされるものに限る。)を有するものとして当該外国の学校教育制度において位置付けられた教育施設であって，文部科学大臣が別に指定するものの当該課程を修了した者又は，2026 年９月までに修了見込みの者

(6)　外国の大学その他の外国の学校(その教育研究活動等の総合的な状況について，当該外国の政府又は関係機関の認証を受けた者による評価を受けたもの又はこれに準ずるものとして文部科学大臣が別に指定するものに限る。)において，修業年限が３年以上である課程を修了すること(当該外国の学校が行う通信教育における授業科目を我が国において履修することにより当該課程を修了すること及び当該外国の学校教育制度において位置付けられた教育施設であって前号の指定を受けたものにおいて課程を修了することを含む。)により，学士の学位に相当する学位を授与された者

(7)　専修学校の専門課程（修業年限が４年以上であることその他の文部科学大臣が定める基準を満たすものに限る。）で文部科学大臣が別に指定するものを文部科学大臣が定める日以後に修了した者又は，2026 年９月までに修了見込みの者

(8)　文部科学大臣の指定した者（昭和 28 年２月７日文部省告示第５号）

(9)　学校教育法第 102 条第 2 項の規定により他の大学院に入学した者であって，研究科において，大学院における教育を受けるにふさわしい学力があると認めた者

(10)　本研究科において，個別の入学資格審査により，大学を卒業した者と同等以上の学力があると認めた者で，2026 年９月末までに 22 歳に達する者

(11)　2026 年９月末日で大学に３年以上在学し，又は外国において学校教育における 15 年の課程を修了した者又は外国の学校が行う通信教育における授業科目を我が国において履修することにより当該外国の学校教育における 15 年の課程を修了した者であって，本研究科の定める単位を優秀な成績で修得したと認める者

（注意）出願資格(9)，(10)及び(11)に該当する志願者は，出願に先立ち出願資格の事前審査を行いますので，22～23 ページを参照してください。詳細については，事前に工学部学務課入試係に問い合わせてください。

Ⅴ　出願手続

１．出願期間

2026 年４月 20 日（月）～2026 年５月７日（木）8 時 30 分～17 時 15 分

郵送（ＥＭＳ(国際スピード郵便)を含む）の場合は，2026 年５月７日（木）までに必ず届くよう，郵送期間を十分考慮の上，発送してください。

２．出願書類等

入　学　志　願　票	所定の用紙を使用してください。(本募集要項とじ込み)
写　真　票 受　験　票	所定の用紙を使用してください。(本募集要項とじ込み) ･写真票は出願前３か月以内に撮影した上半身･無帽･正面向きの写真(4cm×3cm)を，所定欄に貼ってください。
卒業（見込）証明書	出身大学長（学部長）又は出身学校長が作成したもの。
成　績　証　明　書	出身大学長（学部長）が作成し，厳封したもの。 専攻科修了見込み者または修了した者は，専攻科の成績証明書と併せて，短期大学若しくは高等専門学校の成績証明書も提出してください。 大学に編（転）入学した者は，編（転）入学前の学校の成績証明書も提出してください。
志望理由書１－（A）又は１－（B）及び志望理由書２	所定の用紙を使用してください。(本募集要項とじ込み) ・職歴等を有する者 志望理由書１－（A）に「これまでの職務経験について」，志望理由書２に「志望動機，特定課題研究の計画について」記入してください。 （特定課題研究については，34 ページを参照してください。なお，入学後に特定課題研究の計画を変更しても構いません。） ・職歴等を有しない者 志望理由書１－（B）に「これまでの研究活動（卒業論文等の内容）について」，志望理由書２に「志望動機，特定課題研究の計画について」記入してください。 （特定課題研究については，34 ページを参照してください。なお，入学後に特定課題研究の計画を変更しても構いません。） 志望理由は，ワープロ等で作成し所定欄に貼り付けてもかまいません。なお，説明をさらに必要とするものは，補足資料を添付してください。

検　　定　　料	30,000 円 振込先（山口大学受取銀行口座）は別途お知らせいたしますので，「４．提出先」にお問い合わせください。 なお，海外から検定料を支払う場合は，以下の点に注意してください。 （1）検定料 30,000 円の支払は，「円建て」で行ってください。 （2）山口大学受取銀行口座への入金額が手数料により過不足がないように送金手続きをしてください。 （3）海外送金を行う際に発生する手数料は，振込を行う銀行窓口で金額等を確認した上で入学志願者本人が負担してください。 （4）出願期間に間に合うように海外送金の手続きを行ってください。 （5）払込証明書（金額，払込日時，払込者がわかるもの）を出願書類に添付してください。 払込済の検定料はいかなる理由があっても返還することはできません。 *日本国内から検定料を支払う場合は支払う前に問い合わせてください。 **国費外国人留学生（日本政府から奨学金を支給されている者）は，検定料を免除します。
そ の 他 証 明 書	【出願資格（2）による出願者】 ・学士の学位を授与された者は，学位授与証明書。 ・「学位取得見込み」で志願する者は，在籍する短期大学長又は高等専門学校長が発行する次の証明書。 ①在籍する専攻科の修了見込証明書 ②学士の学位の授与を申請する予定である旨の証明書（様式任意） 【出願資格（7）による出願者】 出身学校長又は在籍する学校の学校長が発行する証明書（本募集要項とじ込み，出願資格（7）用） 日本国籍を有しない者は，旅券を持っている場合，写しを提出してください。

＊出願書類等については，この大学院入学者選抜において必要なため提出いただくものであり，これによって得た個人情報を，個人情報の保護に関する法律第 18 条第 3 項各号及び第 27 条第 1 項各号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又は第三者に提供することはありません。

３．出願方法

(1) 入学志願者は，前記２の出願書類等を取りまとめ，下記４の提出先へ提出してください。

(2) 出願書類等を国内から郵送する場合は，特定記録郵便速達とし，封筒の表に「技術経営研究科出願書類在中」と朱書きしてください。海外から郵送する場合は，EMS を利用してください。

４．提出先

山口大学工学部学務課入試係

〒755-8611　山口県宇部市常盤台２丁目１６－１　　電話(0836)85-9012

Ⅵ　入学者選抜方法等

１．選抜方法

オンライン面接及び出身大学等の成績証明書などを総合して判定します。

(1) オンライン面接の方法について

オンライン面接は，「Webex」や「Zoom」等の Web 会議ツールを使用して英語で１人 30 分程度行います。

最初に提出された志望理由書に記載された内容に基づき，Power Point によるプレゼンテーションを 10 分程度行っていただきます。プレゼンテーション終了後，内容に係る質疑を行います。

２．選抜期日

2026 年６月７日（日）

選抜期日当日の集合時間は，「受験票」を送付する際に通知します。

Ⅶ　注意事項

１．受験の際に，受験票を必ず携行してください。

２．提出書類については，出願手続後，内容の変更を認めません。

３．出願書類に虚偽の記載があった場合は，入学後でも入学許可を取り消すことがあります。

４．Ⅳ出願資格(11)の学部３年次生を対象とする（飛び入学）出願資格により本研究科へ入学した者の学部学生としての在籍上身分は，退学となります。従って，各種国家試験等の資格審査で大学の学部卒業を要件とするものについては受験資格が無いことになりますので，十分注意してください。

５．入学試験に関する照会は，次にお願いします。

山口大学工学部学務課入試係　　〒755-8611　山口県宇部市常盤台２丁目１６－１

電話　(0836)85-9012

Ⅷ　合格発表

2026年6月16日（火）　正午

合格者宛てに合格通知書を郵送します。電話その他による合・否の問い合わせには応じません。

なお，山口大学大学院技術経営研究科のホームページにも合格者の受験番号を掲載します。

ホームページアドレス

https://mot.yamaguchi-u.ac.jp/

Ⅸ　入学手続

合格者には入学手続関係書類を郵送しますので，次の期間内に工学部学務課入試係において入学手続を完了してください。

１．入学手続期間

2026年6月29日（月）～2026年7月3日（金）

２．入学時に要する経費

(1) 入学料及び授業料

入学料（入学手続時納付）		282,000円（予定額）
授業料（入学後納付）	前期分	267,900円（予定額）
	後期分	267,900円（予定額）

注1. 本募集要項公表後，2026年度入学者に係る入学料，授業料の改定を本学として決定した場合は，改定後の額となります。また，既に納付されていた場合は，改定額との差額を納付していただくこととなります。

2. 在学中の授業料の納付は，入学手続時に郵便局・ゆうちょ銀行へ提出する自動払込利用申込書（入学手続書類とともに郵送します。）に基づき，前期分は５月末日，後期分は11月末日（末日が土・日曜の場合は，その前の平日）にゆうちょ銀行の学生（又は学資負担者）名義の口座から自動的に引き落とし大学に納付することとなります。引落日の前日までに必ず入金しておいて下さい。

3. 授業料は，在学中に授業料改定を行った場合，新授業料を適用します。

4. 入学手続きを行った者が，入学を辞退したときは，納付済みの入学料は，いかなる理由があっても返還しません。

授業料は，入学後に授業料の納付期間中に納付することとなります。

(2) 諸経費

学生健康保険組合費　5,000円

学生教育研究災害傷害保険料　2,430円

X　その他

１．障害等のある入学志願者で，受験上及び修学上の配慮を必要とする者は，出願に先立ち，受験上及び修学上希望する具体的対応を記載した相談書（様式任意）を 2026 年３月 19 日（木）までに工学部学務課入試係へ提出のうえ，相談してください。

２．入学料及び授業料の納付が困難な者に対しては，それぞれ免除する制度があります。この制度により，入学料及び授業料の免除を希望する者は，下記に問い合わせください。

・山口大学学生支援部学生支援課学生サービス係
　山口県山口市吉田１６７７－１　　電話（083)933-5611

・山口大学工学部学務課学生係
　山口県宇部市常盤台２丁目１６－１　電話（0836)85-9011

出願資格(9)，(10)及び(11)に関わる認定について

１．出願資格

(1) 出願資格(9)について

学校教育法第 102 条第 2 項の規定により他の大学院に入学した者であって，研究科において，大学院における教育を受けるにふさわしい学力があると認めた者とします。(大学に３年以上在学し，所定の単位を優れた成績をもって修得したことにより，所定の修業年限未満で大学院に入学した者が，その後に本研究科に入学しようとする場合が該当します。)

提出書類

・入学試験出願資格事前審査申請書（所定の用紙を使用してください。）
・入学試験出願資格審査調書（所定の用紙を使用してください。）
・志望理由書２（所定の用紙を使用してください。）
・在籍した最終大学の在籍期間証明書及び成績証明書
・在籍大学院研究科の在学証明書及び成績証明書
・返信用封筒（長形３号の封筒に 110 円切手を貼り，宛先を書いてください。）

(2) 出願資格(10)について

本研究科において，個別の入学資格審査により，大学を卒業した者と同等以上の学力があると認めた者で，22 歳に達する者とします。

提出書類

・入学試験出願資格事前審査申請書（所定の用紙を使用してください。）
・入学試験出願資格審査調書（所定の用紙を使用してください。）
・志望理由書1－（A）及び志望理由書２（所定の用紙を使用してください。）
・最終出身学校の卒業（修了）証明書
・研究発表，技術報告，特許及び実用新案など具体的な活動状況を示す資料及びこれらに相当する参考資料を添付してください。
・返信用封筒（長形３号の封筒に 110 円切手を貼り，宛先を書いてください。）

(3) 出願資格(11)について

2026 年９月末日で大学に３年以上在学し，本研究科の事前審査により，所定の単位を優れた成績をもって修得したものと認めた者とします。(出願時において大学の３年次に在学し，当該年度の９月 30 日で在学年数が３年に達する者及び大学院の修学に必要な基礎的な授業科目の単位を全て修得しており，修得した専門科目の成績が特に優秀である者が該当します。)

提出書類

・入学試験出願資格事前審査申請書（所定の用紙を使用してください。）
・志望理由書２（所定の用紙を使用してください。）
・成績証明書及び現在履修中の授業科目が確認できる書類（履修届の写し等）
・在籍大学学部・学科の履修規則及び講義要項等
・返信用封筒（長形３号の封筒に 110 円切手を貼り，宛先を書いてください。）

２．事前審査受付期間

2026 年３月 30 日（月）～ ４月１日（水）　＜４月１日（水）必着＞

郵送の場合は特定記録郵便速達とし，封筒表面に「出願資格事前審査申請書在中」と朱書きしてください。

３．提出先

山口大学工学部学務課入試係

〒755-8611　山口県宇部市常盤台２丁目１６－１　　電話(0836)85-9012

４．結果の通知

2026 年４月 10 日（金）までに本人宛に通知書を送付します。

５．出願手続

事前審査に合格された人は，この募集要項に基づき一般志願者と同様に入学者選抜を行いますので，Ⅴの出願手続により出願してください。

（様式）

令和　　年　　月　　日

山口大学　副学長（教育学生担当）殿

フリガナ
氏名
性別
住所〒

電話番号
最終出身学校名

事前相談書

山口大学大学院に入学を志願したいので、下記のとおり事前に相談します。

記

１．志望する研究科・専攻（専修、コース等）及び入試種別

２．希望指導教員名（希望があれば記載）

３．障害等の種類、程度

４．受験上の配慮を希望する事項

５．修学上の配慮を希望する事項

６．大学等における生活状況等（主として授業関係）

７．その他

８．添付書類
□医師の診断書（写し可）または障害者手帳の写し　※配慮の根拠を示す書類として，
　いずれかを必ず添付してください。日本語または英語の診断書を推奨します。
□その他相談する際に必要と思われる参考資料

Structure of the Graduate School's Curriculum

The graduate school curriculum is designed for the major field of innovation and technology management. Its aim is, by taking advantage of technology, to nurture project leaders, managers, or directors who proactively promote new businesses regionally or globally. The curriculum is systematically organized into three course groups: Fundamental, Advanced and Applied. Fundamental courses cover six underlying areas of technology management. Advanced courses are structured around Strategy Planning, Strategy Development, Business Planning, Problem Solving, Group Management, and Intellectual Property. Special Issue Research - a compulsory course - requires each student to conduct a research on a practical issue.

1. Structure of Courses

Group of Courses	Courses	Category
Fundamental Courses	Innovation Management	Compulsory
	Advanced Course on Operations Management	
	MOT Business Laws	
	Finance/Accounting & Business Economics	
	Technology Marketing	
	Corporate Strategy Theory	
Advanced Courses	Advanced Course on Open Innovation	Selectively Compulsory (Choose at least five courses)
	Advanced Course on Research & Development Management	
	Marketing Research	
	Advanced Course on Business Finance	
	Advanced Course on Strategic Thinking	
	Theory of Inventive Problem Solving	
	Management Organization	
	Leadership Theory	
	International Intellectual Property Laws	
Applied Courses	Intellectual Property MOT	Selectively Compulsory (Choose at least one course)
	Green MOT	
	Life Science MOT	
	Monozukuri MOT	
	Data Science MOT	
Special Courses	Special Programs	Optional
	Internship	
Research	Dissertation I	Compulsory
	Dissertation II	

2. Lecturers and Course Contents

Course Name	Lecturer	Course Content
INNOVATION MANAGEMENT	Professor Ishino Assoc. Prof. Takahashi Assoc. Prof. Nguyen	The innovation concept is not restricted to R & D activities only. It goes beyond R&D and should be interpreted as the creation of new value for society and customers. This lecture provides essential basic knowledge about the characteristics of innovation such as the essence of innovation, its patterns, theories and models related to innovation. It also covers various aspects of innovation management such as R&D, product architecture, open-close innovation and many others. Furthermore, through this lecture, students will understand not only "value creation" but also "value capture" that has shown its increasing importance in this era of dramatic changes and uncertainty. Then they will be able to figure out how to adapt to these changes and generate valuable innovation. In addition, to get to the bottom of "value capture", through a variety of academic study and practical research, we will discuss in detail about the process of innovation commercialization, the utilization of data science to gain business intelligence, the evolution in business model regarding innovation in the health care and semiconductor electronics industry. At the end of the lecture, to sum up the course, we will discuss innovation policies in Japan through several business cases. This is an omnibus lecture which four faculty members are responsible for. The lecturers aim to link theoretical foundations and practical research so that students can deepen their understanding of innovation from a multifaceted perspective.
ADVANCED COURSE ON OPERATIONS MANAGEMENT	Professor Haruyama	This course discusses the overall operation of corporate activities such as product development, production planning, material procurement, workflow control from the perspective of project management and logistics management. In product development, a great deal of time and investment as well as a development plan (development target) which focuses on future market trends are vital. In addition, the course will explain thoughts and methods for SCM (Supply Chain Management) because it is related to manufacture management for mass production, material procurement, inventory control, quality control, logistics, securing of profit as well as the commercialization plan which is based on market trends and road map of technology. Lectures will use examples in designing and manufacturing of automotive parts and other products to deepen the understanding of students through discussions and exercises. Students will also understand the role and positioning of the project management in production control and SCM.

Course Name	Lecturer	Course Content
MOT BUSINESS LAWS	Professor Takeuchi	The advancement of technology and globalization of corporate activity has increased demand for incorporating technology developed outside. This requires the capability to carry out business strategy and intellectual property strategy. This course covers legal contents involving corporate business both locally and internationally, such as international IP laws, WTO TRIPs treaty, intellectual property laws, unfair competition prevention law, antitrust law, civil law, related codes of legal procedure and rules of determining applicable law. The lectures go beyond mere understanding of law interpretation. This course aims to help students to obtain necessary practical ability of legal contract negotiation, contract document preparation, case analysis of intellectual property right dispute, effective protection of intellectual property right, transaction of the scope of intellectual property right, litigation strategy and strategic utilization of the intellectual property.
FINANCE /ACCOUNTING & BUSINESS ECONOMICS	Assoc. Prof. Nguyen	The course is the combination of business economics and finance/accounting. Business economics is the analysis of major management decisions using the tools of economics. Business economics applies many familiar concepts from economics such as demand and cost, monopoly and competition, the allocation of resources, and economic tradeoffs to aid companies in making better decisions. Finance/accounting will focus on the fundamentals of corporate finance/accounting and also provides the basic knowledge on investment principles. After the course, students will be able to demonstrate a familiarity with a range of fundamentals in economics/finance related to the main topics of business economics: decisions of the firm, market structure, decisions under uncertainty, and government decisions. They are also able to understand basic econometrics and obtain the skills to apply the knowledge to analyze practical problems.

Course Name	Lecturer	Course Content
TECHNOLOGY MARKETING	Professor Fukuyo	"New product development is more than just making products that work." (T. Curtis) Based on this understanding, the students in this course will first learn the following fundamental knowledge of marketing that product development personnel need to know: definition of marketing, finding a market opportunity by an environmental analysis, segmentation, targeting, and marketing tools such as product, price, place, and promotion policies. Secondly, the students will learn the knowledge and skills related to the process of new product development where the product development personnel are deeply involved in: clarifying a customer's problem, concept design as interim solution for the customer's problem, project design and detail design based on the concept design, manufacturing and tests, etc. In order to understand the process of marketing and new product development deeply, in parallel with lectures, each student draws up a product plan based on acquired knowledge and skills, and original ideas.
CORPORATE STRATEGY THEORY	Professor Inaba	The objective of this course is to study management strategy basics which provide students background knowledge including technical business strategy terms, business analysis techniques and strategic planning framework for learning management of technology effectively. This course also refers to a wide range of business functions (e.g. business administration, marketing and finance), as implementation measures of management strategy, which are subordinated to corporate strategy. Students learn interrelationship and consistency among them so that they can study other courses efficiently and effectively.
ADVANCED COURSE ON OPEN INNOVATION	Professor Matsuura	The objective of this course is to study strategy formation and its implementation for effective open innovation. Recent weak performances of many Japanese manufacturing firms which adhere to traditional closed innovation apparently raise doubts on the effectiveness of this traditional innovation mode in the rapidly changing globalized business field. Firms should strategically examine how to construct relationship with other entities in broad business ecosystem and consequently achieve innovation for sustainable growth, as businesses get increasingly open. We study contemporary open innovation in comparison with traditional innovation mode as well as organizational structure and capabilities which are suitable for open business activities. We also investigate national/regional policies aiming to foster open innovation and their impact on firms' activities in some of leading countries. We then discuss major topics in terms open innovation implementation such as R&D outsourcing, open IP and VC utilization.

Course Name	Lecturer	Course Content
ADVANCED COURSE ON RESEARCH-AND-DEVELOPMENT MANAGEMENT	TBD	The objective of this course is a comprehensive understanding of Research and Development (R&D) management. R&D activities are to implement a technology strategy that is part of corporate/business strategy. It is a crucial functional area of management discipline. Competitive advantage in business is highly dependent on innovation and the development of new technologies. R&D activities contribute significantly to organizational performance and growth. This lecture provides insight into the global R&D platform. It is intended to help researchers and engineers to understand the roles and contributions of R&D functions, and enable them to plan their careers in R&D activities. Furthermore, it contributes to building the organization's competitiveness by promoting technology development, acquisition, and innovation of new products and processes. Moreover, it gives an introduction, objective, scope, and different methods of portfolio management. In addition, it describes the accounts of theoretical understanding and framework of New Product Development (NPD) as well as organization models to explain the NPD execution. Some business cases such as the state-of-the-art semiconductor industry are discussed.
MARKETING RESEARCH	Professor Ishino	In order to understand consumers' (or customers') needs and develop an effective marketing strategy, marketing research is indispensable. An accurate insight based on information and data becomes a great force for the problem solution in business strategy, i.e., in finding business opportunities and making an efficient marketing plan. This course aims to understand the importance of marketing research and learn about how to apply it to practical situation. To execute appropriate decision making as a leader or a manager, you learn the entire systematic process of marketing research: Data Identification, Data Collection, Data Analysis, and Information Use, where clarifying marketing problems is the most important. For deeper understanding, this course deals with marketing research from the perspectives of both the research process and the research methods. In particular, research methods mainly consist of statistical methods, and partially include machine-learning methods. Therefore, we learn about basic statistics in the early stage of this class. In addition, this class includes some exercises based on several concrete cases.

Course Name	Lecturer	Course Content
ADVANCED COURSE ON BUSINESS FINANCE	Professor Matsuura	The purpose of this course is to study fundamentals of managerial finance/accounting which underpin persuasive business planning and efficient investment decision making process in the context of value maximization. We first examine premise, assumptions and logic for setting value maximization as the one and only objective in corporate finance with reference to corporate governance. We then study investment decision rule with emphasis on its critical constituents, namely 1) hurdle rate estimation, 2) return metric selection and 3) project definition and cash flow projection. With regard to 1), we develop it mainly based on CAPM in conjunction with understanding risk-return relationship and portfolio effect. With regard to 2), we review calculation procedure and compare advantages/drawbacks of most typical metric such as ROI, NPV and IRR. With regard to 3), we examine side-effects (e.g. opportunity cost and synergy effect) and relationship with other projects for characterizing a project appropriately. We also develop sophisticated simulation-based investment analysis capitalizing on managerial accounting knowledge.
ADVANCED COURSE ON STRATEGIC THINKING	Assoc. Prof. Nguyen	This course focuses on the strategic thinking about problem solving, decision-making, and related strategic management. In general, tackling business issues requires a thinking process, that is, to grasp the essence of the issues and make appropriate decisions. In fact, when we are faced with business issues, subconsciously we tend to solve them with our own experience. However, relying on experience alone, without the "know-how" of problem solving and decision making, has its limitations. Through examining various case studies, the course will systematize lessons from the success and failure of cases as well as summarize theories on strategic thinking and decision-making. It will also touch on strategy analysis, strategic management, thoughts about risk and some related game theories.

Course Name	Lecturer	Course Content
THEORY OF INVENTIVE PROBLEM SOLVING	Professor Kaminishi Professor Ohshima	TRIZ (the theory of inventive problem solving) has an inductive theoretical system for inventive problem solving such as technology forecasting based on patent analysis, trend analysis on advancement, a matrix of contradictions, a proposal for solutions and so on. In this lecture, first, you will learn the theoretical framework of TRIZ, its methodology, and the underlying concept to improve the ability to identify, analyze and solve problems, and to develop creative products as well as to enhance inventive faculty significantly. Secondly, in order to improve the capacity for business feasibility assessment of technology and decision on R&D investment, you will gain an understanding of the theory and methodology on invention and evaluation of the concept, adding value to patents, strategic and systematic expansion of intellectual property. Then, we will have group discussions on creativity based on a specific case. Finally, in order to acquire the capacity to capitalize intellectual property on your own following the creation of ideas, we will conduct practical problem solving exercises using advanced software that guide strategic creation of intellectual property by linking the patent database of major developed countries with TRIZ.
MANAGEMENT ORGANIZATION	Assoc. Prof. Takahashi	This course discusses management organization. An organization like a business corporation has a hierarchical structure where ranked relationship exists among the powers, and among members. Moreover, communication also takes place in the hierarchical organization, for example, the bottom-up process of obtaining authorization from senior executives for a plan by circulating a draft proposal prepared lower down in the organization. An organization equipped with a hierarchical structure is generally called a formal organization that can be divided into three types: functional organization, divisional organization, and matrix organization. There is also an informal organization that co-exists with formal organization. Informal organization is established by spontaneous individual connections, for example, between members that join the company at the same year, or those coming from same hometown. This informal organization affects the information transmission and communications throughout the organization. It should be noted that information exchange takes place within the corporation where both formal and informal organizations co-exist. This course provides students the knowledge of organization design, organization structure, as well as features of each organization structure from the viewpoints of management and management organization theory. Through learning these organizational frameworks, students will understand how an organization should be designed. The goals of this course are i) to understand the basics of management organization theories and acquire the way of thinking in this field, and ii) to be able to reorganize and systematize actual corporate management.

Course Name	Lecturer	Course Content
LEADERSHIP THEORY	Professor Inaba	"What is excellent leadership?" has been questioned from a distant past, long before business administration research had emerged. It has attracted researchers in various fields of philosophy, ethics, history, religion, politics, and military affairs, etc. In this course, leadership is defined as "the abilities to set goal of a team and draw the team member's cooperation and contribution to achieve the goal effectively." Leadership researches in business administration are roughly classified into four schools; 1. Trait Theory, 2. Behavioral Theory, 3. Contingency Theory, 4. Transformational Leadership. Leaders are expected to fulfill various tasks such as defining and solving problem; evaluating, and motivating subordinates, and energizing organization. However, leadership roles vary with times and circumstances. This course does not rely on one single theory, but encourages students to exploit the theories effectively depending on situations.
INTERNATIONAL INTELLECTUAL PROPERTY LAWS	Professor Takeuchi	International intellectual property (IP) law system has historically promoted harmonization of national systems in Japan, EU, US and other countries, admitting different national IP protection systems from each other, such as WTO TRIPS treaty which includes substantive provisions relating to entire IP area and other international treaties, although not a few national IP systems differ from ones of other countries. This course aims to acquire knowledge and skill which is necessary for international IP strategy planning by understanding major treaties and agreements relating to IP, comparison of major country's IP system such as Japan, EU, US and other countries. In addition this course shall provide practical Open IP management techniques such as international joint R&D agreement, IP license agreement, NDA, IP dispute risk management and Trade Secrets management.
INTELLECTUAL PROPERTY MOT	Professor Takeuchi	The latest Intellectual property (IP) management is now constituted by not mere Closed protection of IP rights but Open promotion of collaborative IP development and transaction involving various information such as basic technology, leading companies in a particular technology field, termination or failure of technology development, new product development, and others. The course's aim is to acquire the skills that are important for building Open IP strategy by understanding practice of IP transaction, such as joint R&D arrangement, IP license arrangement, IP dispute risk management and Trade Secrets management, and the features of domestic and international intellectual property system as well as being able to handle the databases on IP transaction and disputes.

Course Name	Lecturer	Course Content
GREEN MOT	Professor Fukuyo	The purpose of this course is to study the development of "green" businesses and technologies, which contribute to establish a clean, energy-efficient, and sustainable society. We will first conduct a general analysis of the current state of global environmental issues, energy security, energy saving/creation, and energy storage based on publicly available materials. Second, we will examine the current state of research and development and commercialization in each promising field (solar power generation, wind power generation, biomass, recycling, EV, etc.). Each student will examine documents related to a particular green business or technology and make reports on the actual state, problems, and outlook of the green business or technology from the viewpoints of engineering, policy, legal system, market, etc. Through reports and discussions, the students share knowledge.
LIFE SCIENCE MOT	Professor Ishino	This course focuses on the pharmaceutical and biotechnology-based industry. In this kind of industry, companies directly conduct fundamental research, where their business is inevitably linked to science. Therefore, it brings high uncertainty to their business, which is called a "high risk, high return" business. The existing business models, approaches, and systems cannot fully handle problems that are specific to such a high-risk-high-return business. In fact, a new combination of innovations is needed in such a situation. The course aims to explore the favorable relationships between innovations of technology and innovations of the business style in such an industry, while being based on the actual company cases. Concretely, you do the following: (1) learn about the R&D processes of progressive pharmaceutical companies and the effects of biotechnology in post-genome era on the companies, (2) understand the important features of business tied directly to science: i.e., the uncertain, complex, interdisciplinary, and fast-changing, (3) think about the difficulties that pharmaceutical and biotechnology-based companies should solve, and (4) discuss the appropriate business strategy and business model, while verifying the actual company cases.
MONOZUKURI MOT	Professor Ohshima	With the progressive improvement of ICT, manufacturing business management has been largely dependent on the ability to utilize digital engineering (DE). In the light of this, first and foremost, this course will clarify the issues of the traditional DE by discussing and organizing the following topics from both engineering and management perspectives. 1) How the various systems supplied to support DE are utilized in not only product planning, development and manufacturing but also the whole product lifecycle such as logistics, sales, procurement, maintenance, repair, collection and disposal. 2) How these systems contribute to the management, and what their limits and challenges are. Next, you will learn the reasoning behind Analysis-Led Design (ALD) that fully utilizes QFD, TRIZ and CAE during the early stage of designing such as in the conceptual design phase. Then, you will deepen your understanding on why ALD is exceptionally efficient in producing innovative products effectively. Finally, using a case study of a company which carries out advanced manufacturing utilizing ALD, we will discuss how human resource development for the advancement of DE to ALD, technological development, organizational reform and infrastructure development should be.

Course Name	Lecturer	Course Content
DATA SCIENCE MOT	Assoc. Prof. Takahashi	Data science is to derive meaningful laws and knowledge from a large amount of data. The methods used in data science vary widely depending on the knowledge to be derived. Especially related to statistics, mathematics and computer science. Data science targets not only quantitative information such as stock price information but also qualitative information such as SNS post data. Furthermore, the technical application scope of data science is also diverse. The history of the concept of data science itself is short, and it is also true that new industries are being born one after another with data science. Therefore, this course aims to acquire the basic concepts of data science to realize the practical application. 1) Conceptual understanding, 2) Systematization, 3) Knowledge acquisition of theoretical basis. The goal is to reach these three points while practicing with small-scale data, we will understand the flow to the knowledge derivation in the step of a) data preparation b) pattern recognition c) visualization.
INTERNSHIP		This optional course provides the student with an opportunity to gain practical knowledge and skills from a short-term work experience while applying the knowledge learnt at the school. Students, who want to take this course, must consult the supervisors in advance for better matching the internship opportunity with the student's interest.
DISSERTATION I		The student chooses a research theme which is assumedly related to his or her future career path, and advances the research on his or her own initiative. Academic supervisors, through discussion, will instruct the student in the methods and contents of the research so that the student can develop a feasible research design expected to achieve the designated research objective.
DISSERTATION II		The student implements the research project based on the design developed in Dissertation I. The research outcome shall be evaluated with respect to the research problem and design. The progress shall be reviewed at the interim presentation. The dissertation and accompanying presentation shall be evaluated by the board of faculty members.