# October 2020

The Quantitative Economics Program (Master's Course)

# **Division of Economics**

Graduate School of Human and Socio-Environmental Studies

Kanazawa University

Guidelines for Applicants for the Selection Examination for the Quantitative Economics Program

# [Note]

In order to sufficiently understand lecture content, study expertly, and complete the master's thesis in this course, it is necessary to have high English ability and sufficient knowledge in economic mathematics, microeconomics, macroeconomics, statistics, and econometrics at the undergraduate level beforehand.

Admission Section, Student Affairs Division, Human and Social Administration Department, Kanazawa University Kakuma-machi, Kanazawa, Ishikawa, 920-1192 Japan E-mail: n-nyusi@adm.kanazawa-u.ac.jp

#### October 2020

The Quantitative Economics Program (Master's Course)
Division of Economics
Graduate School of Human and Socio-Environmental Studies
Kanazawa University
Guidelines for Applicants to the Quantitative Economics Program
Selection Examination

Applicants who successfully pass this entrance examination may enrol in October 2020.

#### 1. Admission policy

The Quantitative Economics Program is a special program in the Division of Economics aiming to equip students with mathematical modelling techniques (microeconomics/macroeconomics) and data analysis techniques (statistics/econometrics) and foster high-level analytical skills necessary to solve real-world issues. Students in this program belong to the economic theory and policy course under the Division of Economics of the Graduate School of Human and Socio-Environment Studies.

Students in the program should have basic mathematics knowledge and a desire to work in a government post, a position in an international organization, or a similar occupation that requires them to present tangible solutions to national and international level political, economic, and social issues. Subjects in this program are, in principle, taught in English.

#### The number to be admitted: Limited

# 3. Qualifications to apply

Those who fall, or are expected to fall, under any of the following categories by September 30, 2020 will be qualified.

- (1) A person who has graduated from a university described in Article 83 of the School Education Act (No. 26 of 1947 Act)
- (2) A person who has been granted a bachelor's degree pursuant to the provisions of Article 104. Paragraph 4 of the School Education Act
- (3) Persons who have completed a 16-year course of school education with a regular curriculum in a foreign country
- (4) A person who has completed a course of an educational institution in Japan that is recognized by his or her country as having a curriculum of a university under the said country's education system, and that is designated separately by the Minister of Education, Culture, Sports, Science and Technology
- (5) A person who has, while living in Japan, completed a 16-year course under the given foreign country's education system by taking subject classes at a foreign school through a distance learning system
- (6) A person who has been granted an academic degree equivalent to a bachelor's degree at a foreign university or other institution (limited to those institutions that have been evaluated by the government or by persons who have the approval of a foreign government or relevant organization, or designated separately to be equivalent by the Minister of Education, Culture, Sports, Science and Technology in terms of comprehensive status of the education and research activities, etc.) by completing a program having a duration of study of 3 years or more (including those who have completed subject classes under a distance learning system offered by a foreign school while living in Japan, or have completed a program at an educational institution in Japan that is part of the school education system of the specific country

- and that is separately designated by the Minister of Education, Culture, Sports, Science and Technology)
- (7) Persons designated by the Minister of Education, Culture, Sports, Science and Technology
- (8) Persons who have completed a higher course of a specialized training college (restricted to a college having 4-year or longer duration of study and that satisfies the standards determined by the Minister of Education, Culture, Sports, Science and Technology) separately designated by the Minister of Education, Culture, Sports, Science and Technology after a day decided by the Minister of Education, Culture, Sports, Science and Technology
- (9) A person who has enrolled in a graduate school of other university pursuant to the provisions of Article 102, Paragraph 2 of the School Education Act, and who is recognized to have appropriate abilities to receive a graduate school education at a graduate school of Kanazawa University (hereinafter referred to as the "University")
- (10) A person who has enrolled in a university described in Article 83 of the School Education Act for 3 years or more, a person who has completed a 15-year school curriculum in a foreign country, a person who has in Japan completed a program of an educational institution that is recognized to have a 15-year of school curriculum in the country under the school education system of the foreign country, and that is designated separately by the Minister of Education, Culture, Sports, Science and Technology, or a person who has completed a 15-year of program under the education system of a foreign country by taking subject classes through a distance learning system provided by a school in the foreign country while living in Japan and who is recognized as having acquired the prescribed number of credits with superior grades in a graduate school of the University
  - (11) A person who has reached 22 years of age and is recognized as having academic ability equivalent to, or greater than, that of persons described in Item 1 as a result of individual screening by a graduate school of the University
- [Note] In the event of (11), the following candidates will be recognized as qualifying through individual screening.

Persons who qualify for special admission to the third year of university are aged 22 or older at the time of admission, and fall within any of the following categories.

- (a) A person who has studied in an advanced course at junior college or technical college after having qualified for special admission to university
- (b) A person who has work experience or other experience in activities with international organizations and other institutions in another country
- (c) A foreign student who has been in a graduate school or the School of Economics as a research student for a given period and has academic skills sufficient to qualify for the master's course of the Graduate Schools of Human and Socio-Environmental Studies

#### 4. Preliminary examination of qualifications

Those who wish to apply under 3. (6), (9), (10), (11)(a), (b), or (c) above are asked to submit the following materials as PDF files via email by the deadline for individual preliminary examination of qualifications.

- Submission Deadline: March 26, 2020 (Thu) 17:00 (Japan time)
- Email address: n-nyusi@adm.kanazawa-u.ac.jp
   (Admission Section, Student Affairs Division, Human and Social Administration Department, Kanazawa University)

|     | Materials  |
|-----|--|
| (1) | Application Form (A form designated by the Graduate School of Human and            |
|     | Socio-Environmental Studies)   |
| (2) | Graduation (completion) certificate or a certificate of prospective graduation     |
|     | (completion) issued by the applicant's most recent school                          |
| (3) | Transcript issued by the applicant's most recent school                            |
| (4) | Curricula and syllabi of the applicant's most recent school or copies of           |
|     | equivalent documents   |
| (5) | Curriculum vitae (A form designated by the Graduate School of Human and            |
|     | Socio-Environmental Studies)   |
| (6) | A certificate of enrolment that shows that the applicant has experience in         |
|     | business or experience in activities (if applying under 3. (11) (b)) (in any form) |
| (7) | A document that describes the business or activities (written by the supervisors   |
|     | of such activities, if applying under 3. (11) (b)) (in any form)                   |
| (8) | Research plan document: Containing past research fields and future research        |
|     | plans. (A form designated by the Graduate School of Human and Socio-               |
|     | Environmental Studies)   |

- Note 1: Candidates will be notified of results by the around middle of April 2020. Any materials submitted will not be returned.
- Note 2: Certificates and documents issued by foreign schools or organizations must be submitted with an English version and a briefing document.
- Note 3: Application for admission, curriculum vitae, and research plan forms may be downloaded from our website.

  http://human-socio.w3.kanazawa-u.ac.jp/en/admissions/adm\_master/

#### 5. Application procedures

• Application period: April 17, 2020 (Fri) - April 23, 2020 (Thu) 17:00 (Japan time)

Complete the application fee payment and submission of application documents within the application period.

### How to Apply

- [1] Pay the application fee (30,000 yen).

  Contact the Admission Section, Students Affairs Division, Human and Social Administration Department by email for payment methods.
- [2] Postal mail or submit in person the documents listed in "Materials for submission" during the application period.

[Address for Submission]

Admission Section, Student Affairs Division, Human and Social Administration Department, Kanazawa University

Kakuma-machi, Kanazawa, Ishikawa, 920-1192 Japan

#### Materials for submission

Applicants must complete all of the followings in English.

|     | Materials   | Notes  |
|-----|---|--|
| (1) | Application for admission and Curriculum vitae  | Fill in the form designated by the Graduate School of Human and Socio-Environmental Studies.   |
| (2) | Transcript  | University transcript must be submitted.   |
| (3) | Graduation Certificate or a certificate of prospective graduation                                     | Graduation certificate or a certificate of prospective graduation issued by the applicant's university or academic supervisor must be submitted.   |
| (4) | Research plan document  | Containing past research fields and future research plans (A form designated by the Graduate School of Human and Socio-Environmental Studies)  |
| (5) | Letter of recommendation  | Letter of recommendation written by the university president or the applicant's academic supervisor must be submitted. (in any form)   |
| (6) | A copy of applicant's<br>Residence Card and<br>passport   | Please submit only a copy of your Passport (in which nationality, name, gender and birthday are written) if you have not been residing in Japan.   |
| (7) | Graduation thesis or equivalent   | 3 copies of a graduation thesis or equivalent: A graduation thesis or, if no thesis is available, an essay in a relevant field. Essays must be a minimum of 1500 words in English (there is no required format for essays). If written in a language other than Japanese or English, the graduation thesis or essay must be accompanied by a summary (accurately reflecting the content) in English. |
| (8) | Either (a) or (b) (For reference only. No points will be assigned. (a) is waived if (b) is submitted) | <ul> <li>(a) TOEFL/IELTS score (obtained on or after October 1, 2018)</li> <li>(b) Proof of a Bachelor's or Master's degree (earned or expected) from an accredited institution in the United States of America, Canada, the United Kingdom, Ireland, Australia, or New Zealand</li> </ul>   |

Note 1: Materials submitted will not be returned.

Note 2: Applicants qualifying under category 3. (11) (c) are not required to submit items specified under 6. (2), (3), and (6).

# 6. Selection method and date of examinations

(1) Selection method

Passing status is determined on the basis of the following criteria.

- (a) Document screening
  - [1] Submitted graduation thesis or equivalent (material (7) above)
  - [2] Research plan
- (b) Interview

Interviews regarding the application documents and other matters are conducted in English. Applicants must use a webcam to verify their identity. Interviews are conducted via Skype, so applicants must set up a webcam and Skype account beforehand.

(2) Date of examinations

Online interview examinations will be held by May 29 (Fri), 2020, with scheduling

arrangements made in advance via email between the applicant and the faculty member under whom they wish to study.

#### 7. Announcement of examination results

Date: June 26, 2020 (Fri) at 10:00 a.m.

Results will be posted on the bulletin board (Human and Social Science Lecture Hall 2, 1F) and listed on our website.

http://human-socio.w3.kanazawa-u.ac.jp/

Successful applicants will also be notified by postal mail. Applicants are not permitted to inquire about their results by telephone, email, or any other means.

#### 8. Enrollment procedures

Please enroll by the specified date using the "Graduate School Enrollment Procedures Guidelines" that will be sent in the end of August 2020.

# 9. Kanazawa University scholarship programs

Kanazawa University offers some scholarships.

For more information, please refer to the following website.

https://www.adm.kanazawa-u.ac.jp/ie/e/abroad/scholarship.html

#### 10. Admission and tuition fees

(1) Admission Fee: ¥282,000

Tuition: ¥267,900 (for the second semester, or ¥535,800 for two)

Accident Insurance(PAS) and Liability Insurance: ¥2,430 (for two years). Admission and Tuition Fees may change in accordance with circumstances.

When overseas remittances are planned, you are required to ask us about the method by e-mail (n-nyusi@adm.kanazawa-u.ac.jp) early.

Notice: Following submission, applications cannot be modified or withdrawn, and fees are non-refundable. If an application is found to contain false statements, admission may be cancelled. In such case, paid admission fees will not be refunded for any reason.

(2) Successful applicants are required to submit a bank account balance certificate (balance of 1 million yen or more). (To apply for a Certificate of Eligibility (CoE))

#### 11. Inquiries

- (1) For more information please send inquiries by email to: n-nyusi@adm.kanazawa-u.ac.jp.
- (2) Admissions Application Package can be downloaded from our website. http://human-socio.w3.kanazawa-u.ac.jp/en/admissions/adm\_master/
- (3) Inquiries and Application Requests by postal mail should be addressed to:
  Admission Section, Student Affairs Division, Human and Social Administration
  Department, Kanazawa University
  Kakuma-machi, Kanazawa, 920-1192 Japan

# 12. Subjects and lecturers

The Division of Economics consists of three courses: economic theory and policy course, global community and economic course, and management information course. Students in this program belong to economic theory and policy course as mentioned 1.Admission policy.

| Groups of<br>Subjects | Subject<br>(Lecturer)  | Credits | Year | Quarter | Note   |
|-----------------------|--|---------|------|---------|--|
| GS Course             | GS Courses for Postgraduates                                     |         | 1    |         | 1 credit (Research<br>Ethics) compulsory and<br>2 credits from 5<br>restricted electives |
| Common subjects       | Supervised Independent Study and Research I (Supervisor)         | 1       | 1    | 3       | Compulsory   |
|                       | Supervised Independent Study and Research II (Supervisor)        | 1       | 1    | 4       |  |
|                       | Supervised Independent Study and Research III (Supervisor)       | 1       | 2    | 1       |  |
|                       | Supervised Independent Study and Research IV (Supervisor)        | 1       | 2    | 2       |  |
|                       | Supervised Independent Study and Research V (Supervisor)         | 1       | 2    | 3       |  |
|                       | Supervised Independent Study and Research VI (Supervisor)        | 1       | 2    | 4       |  |
|                       | Directed Group Study   | 2       | 1    | 3-4     | Practical training. Should be taken for two years  |
|                       | General Seminar 1  | 1       | 1    | 1-4     | Should be taken in a   |
|                       | General Seminar 2  | 1       | 2    | 1-4     | whole year.  |
|                       | Special Lecture on Economics A-1                                 | 1       | 1    | 1       |  |
|                       | Special Lecture on Economics A-2                                 | 1       | 1    | 2       |  |
|                       | Special Lecture on Economics B-1                                 | 1       | 1    | 3       |  |
|                       | Special Lecture on Economics B-2                                 | 1       | 1    | 4       |  |
|                       | Special Lecture on Economics C-1                                 | 1       | 1    | 1       |  |
|                       | Special Lecture on Economics C-2                                 | 1       | 1    | 2       |  |
|                       | Special Lecture on Economics D-1                                 | 1       | 1    | 3       |  |
|                       | Special Lecture on Economics D-2                                 | 1       | 1    | 4       |  |
| Core<br>subjects      | Special Study on Microeconomic<br>Theory a-1<br>(Takashi Maeda)* | 1       | 1    | 1       | Programme core<br>subjects<br>Minimum 4 credits from                                     |
|                       | Special Study on Microeconomic<br>Theory a-2<br>(Takashi Maeda)* | 1       | 1    | 2       | these restricted electives.  |
|                       | Special Study on Macroeconomic<br>Theory a-1                     | 1       | 1    | 1       |  |

| 1         | (Kazuyoshi Ohki)               | 1        |   |   |           |            |
|-----------|--------------------------------|----------|---|---|-----------|------------|
|           | Special Study on Macroeconomic |          |   |   | 1         |            |
|           | Theory a-2                     | 1        | 1 | 2 |           |            |
|           | (Kazuyoshi Ohki)               |          |   |   |           |            |
|           | Special Study on Economic      |          |   |   | 1         |            |
|           | Statistics a-1                 | 1        | 1 | 1 |           |            |
|           | (Nobuaki Hoshino)              |          |   |   |           |            |
|           | Special Study on Economic      |          |   |   | 1         |            |
|           | Statistics a-2                 | 1        | 1 | 2 |           |            |
|           | (Nobuaki Hoshino)              |          |   |   |           |            |
|           | Special Study on Monetary and  |          |   |   | 1         |            |
|           | Financial Economics a-1        | 1        | 1 | 1 |           |            |
|           | (Masahiro Enya)                |          |   |   |           |            |
|           | Special Study on Monetary and  |          |   |   | 1         |            |
|           | Financial Economics a-2        | 1        | 1 | 2 |           |            |
|           | (Masahiro Enya)                |          |   |   |           |            |
| Basic     |                                |          |   |   | Programme | Minimum    |
| specialty |                                |          |   |   | core      | 4 credits  |
| subjects  | Special Study on Microeconomic |          |   | _ | subjects  | from       |
| ,         | Theory b-1                     | 1        | 1 | 3 | ,         | these      |
|           | (Takashi Maeda)                |          |   |   |           | restricted |
|           |                                |          |   |   |           | electives  |
|           | Special Study on Microeconomic |          |   |   | 1         |            |
|           | Theory b-2                     | 1        | 1 | 4 |           |            |
|           | (Takashi Maeda)*               |          |   |   |           |            |
|           | Special Study on Macroeconomic |          |   |   | 1         |            |
|           | Theory b-1                     | 1        | 1 | 3 |           |            |
|           | (Kazuyoshi Ohki)               |          |   |   |           |            |
|           | Special Study on Macroeconomic |          |   |   | 1         |            |
|           | Theory b-2                     | 1        | 1 | 4 |           |            |
|           | (Kazuyoshi Ohki)               |          |   |   |           |            |
|           | Special Study on Applied       |          |   |   | 1         |            |
|           | Microeconomics a-1             | 1        | 1 | 1 |           |            |
|           | (Mieko Fujisawa)               |          |   |   |           |            |
|           | Special Study on Applied       |          |   |   | ]         |            |
|           | Microeconomics a-2             | 1        | 1 | 2 |           |            |
|           | (Mieko Fujisawa)               |          |   |   |           |            |
|           | Special Study on Applied       |          |   |   | 1         |            |
|           | Microeconomics b-1             | 1        | 1 | 3 |           |            |
|           | (Mieko Fujisawa)               |          |   |   |           |            |
|           | Special Study on Applied       |          |   |   | ]         |            |
|           | Microeconomics b-2             | 1        | 1 | 4 |           |            |
|           | (Mieko Fujisawa)               |          |   |   |           |            |
|           | Special Study on Economic      |          |   |   |           |            |
|           | Statistics b-1                 | 1        | 1 | 3 |           |            |
|           | (Nobuaki Hoshino)              |          |   |   |           |            |
|           | Special Study on Economic      |          |   |   |           |            |
|           | Statistics b-2                 | 1        | 1 | 4 |           |            |
|           | (Nobuaki Hoshino)              | <u>L</u> |   |   |           |            |
|           | Special Study on Monetary and  |          |   |   |           |            |
|           | Financial Economics b-1        | 1        | 1 | 3 |           |            |
|           | (Masahiro Enya)                |          |   |   |           |            |
|           | Special Study on Monetary and  |          |   |   | ]         |            |
|           | Financial Economics b-2        | 1        | 1 | 4 |           |            |
|           | (Masahiro Enya)                |          |   |   |           |            |
|           | ,                              |          |   |   | 1         |            |

| Applied   | Seminar on Microeconomic Theory        |   |   |   | Programme | Minimum    |
|-----------|--|---|---|---|-----------|------------|
| specialty | a-1                                    | 1 | 1 | 1 | core      | 4 credits  |
| subjects  | (Takashi Maeda)*                       |   |   |   | subjects  | from       |
|           | Seminar on Microeconomic Theory        |   |   |   |           | these      |
|           | a-2                                    | 1 | 1 | 2 |           | restricted |
|           | (Takashi Maeda)*                       |   |   |   |           | electives  |
|           | Seminar on Microeconomic Theory        | 4 | _ |   |           |            |
|           | b-1<br>(Takashi Maeda)*                | 1 | 1 | 3 |           |            |
|           | Seminar on Microeconomic Theory        |   |   |   |           |            |
|           | b-2                                    | 1 | 1 | 4 |           |            |
|           | (Takashi Maeda)*                       | ' | ' | _ |           |            |
|           | Seminar on Macroeconomic               |   |   |   |           |            |
|           | Theory a-1                             | 1 | 1 | 1 |           |            |
|           | (Kazuyoshi Ohki)                       | · | • |   |           |            |
|           | Seminar on Macroeconomic               |   |   |   |           |            |
|           | Theory a-2                             | 1 | 1 | 2 |           |            |
|           | (Kazuyoshi Ohki)                       |   |   |   |           |            |
|           | Seminar on Macroeconomic               |   |   |   |           |            |
|           | Theory b-1                             | 1 | 1 | 3 |           |            |
|           | (Kazuyoshi Ohki)                       |   |   |   |           |            |
|           | Seminar on Macroeconomic               |   |   |   |           |            |
|           | Theory b-2                             | 1 | 1 | 4 |           |            |
|           | (Kazuyoshi Ohki)                       |   |   |   |           |            |
|           | Seminar on Applied                     |   |   |   |           |            |
|           | Microeconomics a-1                     | 1 | 1 | 1 |           |            |
|           | (Mieko Fujisawa)                       |   |   |   |           |            |
|           | Seminar on Applied                     |   |   |   |           |            |
|           | Microeconomics a-2                     | 1 | 1 | 2 |           |            |
|           | (Mieko Fujisawa)                       |   |   |   |           |            |
|           | Seminar on Applied                     |   |   | _ |           |            |
|           | Microeconomics b-1                     | 1 | 1 | 3 |           |            |
|           | (Mieko Fujisawa)                       |   |   |   |           |            |
|           | Seminar on Applied                     | 4 | 1 | 4 |           |            |
|           | Microeconomics b-2<br>(Mieko Fujisawa) | 1 | ı | 4 |           |            |
|           |  |   |   |   |           |            |
|           | Seminar on Economic Statistics a-1     | 1 | 1 | 1 |           |            |
|           | (Nobuaki Hoshino)                      |   |   |   |           |            |
|           | Seminar on Economic Statistics a-2     |   |   |   |           |            |
|           | (Nobuaki Hoshino)                      | 1 | 1 | 2 |           |            |
|           | Compinent of Formatting In 4           |   |   |   |           |            |
|           | Seminar on Economic Statistics b-1     | 1 | 1 | 3 |           |            |
|           | (Nobuaki Hoshino)                      |   |   |   |           |            |
|           | Seminar on Economic Statistics b-2     | 4 | 4 | 4 |           |            |
|           | (Nobuaki Hoshino)                      | 1 | 1 | 4 |           |            |
|           | Seminar on Monetary and Financial      |   |   |   |           |            |
|           | Economics a-1                          | 1 | 1 | 1 |           |            |
|           | (Masahiro Enya)                        |   |   |   |           |            |
|           | Seminar on Monetary and Financial      |   |   |   |           |            |
|           | Economics a-2                          | 1 | 1 | 2 |           |            |
|           | (Masahiro Enya)                        |   |   |   |           |            |
|           | Seminar on Monetary and Financial      |   |   |   |           |            |
|           | Economics b-1                          | 1 | 1 | 3 |           |            |
|           | (Masahiro Enya)                        |   |   |   |           |            |
|           |  |   |   |   |           |            |

|  | Seminar on Monetary and Financial Economics b-2 (Masahiro Enya)            | 1 | 1 | 4 |                                     |
|--|--|---|---|---|-------------------------------------|
| Core<br>subjects<br>in other<br>course               | Special Study on International Political Economy a-1 (Fumiko Yoshii)       | 1 | 1 | 1 | Programme<br>subsidiary<br>subjects |
|  | Special Study on International Political Economy a-2 (Fumiko Yoshii)       | 1 | 1 | 2 |                                     |
|  | Special Study on World Economy<br>a-1<br>(Toyomu Masaki)                   | 1 | 1 | 1 |                                     |
|  | Special Study on World Economy<br>a-2<br>(Toyomu Masaki)                   | 1 | 1 | 2 |                                     |
| Basic<br>specialty<br>subjects<br>in other<br>course | Special Study on International<br>Political Economy b-1<br>(Fumiko Yoshii) | 1 | 1 | 3 |                                     |
|  | Special Study on International<br>Political Economy b-2<br>(Fumiko Yoshii) | 1 | 1 | 4 |                                     |
|  | Special Study on World Economy<br>b-1<br>(Toyomu Masaki)                   | 1 | 1 | 3 |                                     |
|  | Special Study on World Economy<br>b-2<br>(Toyomu Masaki)                   | 1 | 1 | 4 |                                     |
| Applied speciality subjects in other course          | Seminar on World Economy a-1<br>(Toyomu Masaki)                            | 1 | 1 | 1 | Programme<br>subsidiary<br>subjects |
|  | Seminar on World Economy a-2<br>(Toyomu Masaki)                            | 1 | 1 | 2 |                                     |
|  | Seminar on World Economy b-1<br>(Toyomu Masaki)                            | 1 | 1 | 3 |                                     |
|  | Seminar on World Economy b-2<br>(Toyomu Masaki)                            | 1 | 1 | 4 |                                     |
|  | Seminar on International Political<br>Economy a-1<br>(Fumiko Yoshii)       | 1 | 1 | 1 |                                     |
|  | Seminar on International Political<br>Economy a-2<br>(Fumiko Yoshii)       | 1 | 1 | 2 |                                     |
|  | Seminar on International Political<br>Economy b-1<br>(Fumiko Yoshii)       | 1 | 1 | 3 |                                     |
| (Noto)   | Seminar on International Political<br>Economy b-2<br>(Fumiko Yoshii)       | 1 | 1 | 4 |                                     |

<sup>(</sup>Note)

1. All subjects will be taught in English in principle.

- 2. Programme core subjects are essential for acquiring quantitative economics. The programme subsidiary subjects aim for a better understanding of economic phenomenon.
- 3. Main supervisors under this program should be limited to within five academic staff teaching the programme core subjects, i.e. Microeconomic Theory (T. Maeda), Macroeconomic Theory (K. Ohki), Applied Microeconomics (M. Fujisawa), Economic Statistics (N. Hoshino), and Monetary and Financial Economics (M. Enya).
- 4. Faculty with a \* next to their names will be leaving in March 2021.
- 5. In the column, "Year", "1" means that you can take it from the first year, "2" from the second year.
- 6. The quarter is subject to change.

#### 【注】

このコースにおいて講義内容を十分に理解し、専門的に学習し、修士論文を完成させるには、 あらかじめ、高い英語力と、経済数学、ミクロ経済学、マクロ経済学、統計学及び計量経済学 に関する大学卒業レベルの知識を十分に備えておくことが必要となります。

# 2020(令和 2)年度 10 月入学 金沢大学大学院人間社会環境研究科(博士前期課程)経済学専攻 数量経済学プログラム選抜試験 学生募集要項【日本語概要】

本選抜による合格者は2020(令和2)年10月に入学します。

# 1. 学生受入方針(アドミッション・ポリシー)

数量経済学プログラムは、主に数理的なモデリング手法(ミクロ経済学・マクロ経済学) 及びデータ分析手法(統計学・計量経済学)を身に着け、それらを用いた現実の諸問題への 対応が可能な高度な分析能力を持つ人材育成を目指す、経済学専攻に設置された特別プロ グラムです。本プログラムは、人間社会環境研究科経済学専攻の経済理論・政策コースに所 属します。本プログラムでは、国際あるいは国内レベルで生じる、政治・経済・社会的な諸 問題への具体的な解決策を提示していく必要のある政府や国際機関の現役職員あるいはそ のような職種に就くことを希望し、かつ数理的な基礎的知識を持つ学生を求めています。本 プログラムの対象科目は原則的に英語で開講されます。

#### **2. 募集人員** 若干名

#### 3. 出願資格

次の各号のいずれかに該当する者又は2020(令和2)年9月30日までに該当する見込みの者とします。

- (1) 学校教育法(昭和22年法律第26号)第83条に定める大学を卒業した者
- (2) 学校教育法第104条第4項の規定により学士の学位を授与された者
- (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
- (4) 我が国において,外国の大学の課程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当該課程を 修了した者
- (5) 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
- (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,修業年限が三

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文部科学大臣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) 文部科学大臣の指定した者
- (8) 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降に修了した者
- (9) 学校教育法第102条第2項の規定により他の大学の大学院に入学した者であって、 当該者を金沢大学(以下「本学」という。)の研究科において、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もの
- (10) 次の①から④に該当する者であって、本研究科が、所定の単位を優れた成績をもって 修得したと認めたもの
  - ① 2021 (令和 3) 年 3 月 31 日までに学校教育法第 83 条に定める大学に 3 年以上在学 した者
  - ② 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及び 2021 (令和 3) 年 3 月 31 日までに修了見込みの者
  - ③ 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及び 2021 (令和 3) 年 3 月 31 日 までに修了見込みの者
  - ④ 我が国において、外国の大学における 15 年の課程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及び 2021 (令和 3) 年 3 月 31 日までに修了見込みの者
- (11) 本学の研究科において、個別の入学資格審査により、第1号に定める者と同等以上の学力があると認めた者で、22歳に達したもの
- 【注】(11) において、個別審査により出願資格が認められるものは次のとおりです。 大学に3年次編入の資格があり、入学時点で22歳に達するもので次のいずれかに該当 する者
  - (a) 大学編入学資格取得後, さらに短期大学または高等専門学校の専攻科等における 学習歴を有する者
  - (b) 実務経験や海外における国際的団体等での活動経験を有する者
  - (c) 外国人留学生で、本研究科または本学学類研究生として所定の期間在学し、本研究科博士前期課程に出願するに足りる学力を有すると認められる者

#### 4. 出願資格事前審査

上記の出願資格 3. (6), (9), (10), (11) (a), (b), (c) により出願しようとする者は、出願前に個別に出願資格審査を行います。書類を準備し、PDF に変換のうえ、E-mail に添付して提出してください。

- ●書類提出期限: 2020(令和2)年3月26日(木)17時(日本時間)
- ●書類提出先: n-nyusi@adm. kanazawa-u. ac. jp (金沢大学人間社会系事務部学生課入試係)

|     | 提出書類                                  |
|-----|---------------------------------------|
| (1) | 入学志願票 (本研究科所定の用紙)                     |
| (2) | 最終学校の卒業(修了)証明書または卒業(修了)見込証明書          |
| (3) | 最終学校の成績証明書                            |
| (4) | 最終学校の教育課程表およびシラバスまたはこれに相当するものの写し      |
| (5) | 履歴書(本研究科所定の用紙)                        |
| (6) | 実務経験や活動経験を示す在籍証明書(3.(11)(b)により出願する場合) |
|     | (様式任意)                                |
| (7) | 実務経験や活動経験の内容を表す書面(3.(11)(b)により出願する場合) |
|     | (様式任意) 当該活動の上司等の記載によるもの               |
| (8) | 研究計画書(本研究科所定の用紙にこれまでの研究分野と今後の研究計画     |
|     | を記入してください。)                           |

- 【注1】 審査結果は,2020(令和2)年4月中旬までにE-mailで通知します。提出 された書類は返却しません。
- 【注2】 外国の学校および機関等の証明書等には、その英訳および説明書を添付してください。
- 【注3】 入学志願票,履歴書、研究計画書の様式は,人間社会環境研究科のウェブサイトからダウンロードすることが可能です。 http://human-socio.w3.kanazawa-u.ac.jp/en/admissions/adm\_master/

#### 5. 出願手続

出願期間:2020 年 4 月 17 日(金)~2020(令和 2)年 4 月 23 日(木)17 時(日本時間) 入学検定料の支払いおよび出願書類の提出を,出願期間内に完了してください。

# 検定料の支払

入学検定料30,000円を出願期間内に支払ってください。

支払い方法については、電子メールにて、人間社会系事務部学生課入試係 (n-nyusi@adm. kanazawa-u. ac. jp) までお問い合わせください。

# ・出願書類の提出

提出書類は、以下の〔提出先〕へ郵送もしくは持参してください。郵送は郵便事情を考慮し、出願期間内に必ず到着するように手続してください。

#### 〔提出先〕金沢大学人間社会系事務部学生課入試係

〒920-1192 金沢市角間町

# ・提出書類

志願者は、すべての提出書類を英語で表記しなければなりません。

|     | 提出書類        | 摘    要                 |
|-----|-------------|------------------------|
| (1) | 入学志願票及び履歴書  | 本研究科所定の用紙に必要事項を記入してくださ |
|     |             | ٧٠°                    |
| (2) | 成績証明書       | 大学の成績証明書を提出してください。     |
| (2) | 女衆 (日は) 紅田事 | 大学または指導教員発行の卒業(見込)証明書を |
| (3) | 卒業(見込)証明書   | 提出してください。              |

| (4) | 研究計画書  | 本研究科所定の用紙にこれまでの研究分野,今後<br>の研究計画について,作成してください。   |
|-----|--|---|
| (5) | 推薦書  | 指導教員または職場の所属部署の長による推薦書<br>を提出してください。(様式任意)  |
| (6) | 在留カード (表・裏) の写<br>し及びパスポートの写し                                    | 日本に在留していない外国人は、パスポート(国籍、氏名、性別、生年月日)の写しのみ提出してください。   |
| (7) | 卒業論文など   | 卒業論文(コピー可),卒業論文を執筆していない場合には数量経済学あるいはその隣接分野の研究レポート(英語で1,500 語以上)を3部提出してください。英語,日本語以外の言語で執筆されたものについては,内容を的確に反映させた英語の要旨と共に提出すること。  |
| (8) | (a) (b) のいずれか (合<br>否判断の参考資料としま<br>す。(b) の提出をもって<br>(a) を免除します。) | <ul> <li>(a) TOEFL または IELTS の成績表 (2018 (平成 30) 年 10月1日以降に受験したものに限ります) を提出してください。</li> <li>(b) 米国,カナダ,英国,アイルランド,オーストラリア,ニュージーランドのいずれかにおいて学士号あるいは修士号を修得済み(ないしは修得見込み)であることの証明書</li> </ul> |

【注1】応募書類は返却いたしません。

【注2】 3. (11) (c)で出願する場合は, 6. (2), (3), (6)の書類の提出は必要ありません。

# 6. 選抜方法および試験日時

(1) 選抜方法

以下の二つの結果に基づき、総合的に合否を判定します。

- (a) 書類選考
  - ① 卒業論文および研究レポート
  - ② 研究計画書
- (b) 面接

出願書類の内容等について、英語による面接を行います。本人確認のため Web カメラを用います。Skype を利用しますので、アカウントおよび Web カメラを事前に入手してください。

#### (2) 試験日時

Web による面接試験は、事前に受験者と指導を希望する教員との間で e-mail で日程 調整を行ったうえで、2020(令和 2)年 5月 29日(金)までに実施します。

#### 7. 合格者発表

2020 (令和 2) 年 6月 26日 (金) 10:00

本学所定の掲示板(人間社会第2講義棟1階)に発表するとともに、下記ウェブサイトに掲載します。

また, 合格者には郵便で通知します。

電話、電子メール等による合否の問い合わせには一切応じません。

http://human-socio.w3.kanazawa-u.ac.jp/en/admissions/adm master/

# 8. 入学手続

2020(令和2)年8月下旬に送付する「大学院入学手続要項」により、所定の期日までに入学手続を行ってください。

# 9. 奨学金について(外国人留学生対象)

# 金沢大学独自の奨学金制度

金沢大学は外国人留学生を対象として、奨学金制度を設けています。 詳しくは以下のウェブサイトをご覧ください。

http://www.adm.kanazawa-u.ac.jp/ie/e/abroad/scholarship.html

# 10. 入学料および授業料等について

(1) 入学料 282,000 円 (予定)

授業料(半期分) 267,900 円(予定) [年額 535,800 円(予定)] 学生教育研究災害傷害保険料(付帯賠責を含む・2 年分) 2,430 円(予定) 入学金および授業料は状況により改定されることがあります。

海外送金を希望される方は、送金方法について下記の E-mail に事前にお問い合わせください。

n-nyusi@adm. kanazawa-u. ac. jp

- 注意:出願書類提出後は,書類の返却,記載事項の変更,および入学検定料の払い戻しには応じられません。出願書類に虚偽の記載,不正申告をした者および入学試験において不正な行為を行った事実が判明した者については,入学後であっても入学許可を取り消すことがあります。その場合,振り込まれた入学料は返済しません。
  - (2) 合格後に,銀行口座残高証明書(残高 100 万円以上)の提出が求められます。(在 留資格認定証明書(CoE)交付申請のため)

#### 11. 問合せ先

- (1) 詳細について知りたい方は、電子メール (n-nyusi@adm. kanazawa-u. ac. jp にてお問い合わせください。
  - (2) 学生募集要項および出願用紙は、人間社会環境研究科のウェブサイトからダウンロードすることが可能です。

http://human-socio.w3.kanazawa-u.ac.jp/en/admissions/adm\_master/

(3) 郵便による問合せ先は下記のとおりです。

〒 920-1192 金沢市角間町

金沢大学人間社会環境系事務部学生課 入試係

# 12. 授業科目および担当教員

| 科目群    | 授業科目                                 | 単位 | 開講<br>学年 | 開講Q | 備考                            |
|--------|--------------------------------------|----|----------|-----|-------------------------------|
| 大学院GS和 | 斗目                                   | 3  | 1        |     | 1単位(研究者倫理)必修,5<br>科目から2単位選択必修 |
| 専攻共通   | 論文指導 I                               | 1  | 1        | 3   | 必修                            |
| 科目     | (指導教員)                               |    |          |     |                               |
|        | 論文指導Ⅱ                                | 1  | 1        | 4   |                               |
|        | (指導教員)                               |    |          |     |                               |
|        | 論文指導Ⅲ                                | 1  | 2        | 1   |                               |
|        | (指導教員)                               |    |          |     |                               |
|        | 論文指導IV                               | 1  | 2        | 2   |                               |
|        | (指導教員)                               |    |          |     |                               |
|        | 論文指導V                                | 1  | 2        | 3   |                               |
|        | (指導教員)                               |    |          |     |                               |
|        | 論文指導VI                               | 1  | 2        | 4   |                               |
|        | (指導教員)                               |    |          |     |                               |
|        | プロジェクト研究                             | 2  | 1        | 3-4 | (実) 履修期間は1年後期~                |
|        |                                      |    |          |     | 2年前期                          |
|        | 総合演習 I                               | 1  | 1        | 通年  | 履修期間は通年                       |
|        | 総合演習Ⅱ                                | 1  | 2        | 通年  |                               |
|        | 経済学特別講義A-1                           | 1  | 1        | 1   |                               |
|        | 経済学特別講義A-2                           | 1  | 1        | 2   |                               |
|        | 経済学特別講義B-1                           | 1  | 1        | 3   |                               |
|        | 経済学特別講義B-2                           | 1  | 1        | 4   |                               |
|        | 経済学特別講義C-1                           | 1  | 1        | 1   |                               |
|        | ———————————————————————————————————— | 1  | 1        | 2   |                               |
|        | ———————————————————————————————————— | 1  | 1        | 3   |                               |
|        | 経済学特別講義D-2                           | 1  | 1        | 4   |                               |
| コース中   | ミクロ経済学特論a-1                          | 1  | 1        | 1   | プログラム・コア科目                    |
| 核科目    | (前田 隆) *                             |    |          |     | 4単位以上選択必修                     |
|        |                                      | 1  | 1        | 2   |                               |
|        | (前田隆)*                               |    |          |     |                               |
|        | マクロ経済学特論a-1                          | 1  | 1        | 1   |                               |
|        | (大木 一慶)                              |    |          |     |                               |
|        | マクロ経済学特論a-2                          | 1  | 1        | 2   |                               |
|        | (大木 一慶)                              |    |          |     |                               |
|        | 経済統計学特論a-1                           | 1  | 1        | 1   |                               |
|        | (星野 伸明)                              |    |          |     |                               |
|        | 経済統計学特論a-2                           | 1  | 1        | 2   |                               |
|        | (星野 伸明)                              |    |          |     |                               |

| 科目群         | 授 業 科 目                   | 単位 | 開講<br>学年 | 開講Q | 備                       | 考             |  |
|-------------|---------------------------|----|----------|-----|-------------------------|---------------|--|
| コース中<br>核科目 | 金融経済特論a-1<br>(塩谷 雅弘)      | 1  | 1        | 1   | プログラム・コア科目<br>4単位以上選択必修 |               |  |
|             | 金融経済特論a-2<br>(塩谷 雅弘)      | 1  | 1        | 2   |                         |               |  |
| 専門基礎科目      | ミクロ経済学特論b-1<br>(前田 隆) *   | 1  | 1        | 3   | プログラム・<br>コア科目          | 4単位以上<br>選択必修 |  |
|             | ミクロ経済学特論b-2<br>(前田 隆) *   | 1  | 1        | 4   |                         |               |  |
|             | マクロ経済学特論b-1<br>(大木 一慶)    | 1  | 1        | 3   |                         |               |  |
|             | マクロ経済学特論b-2<br>(大木 一慶)    | 1  | 1        | 4   |                         |               |  |
|             | 応用ミクロ経済学特論a-1<br>(藤澤 美惠子) | 1  | 1        | 1   |                         |               |  |
|             | 応用ミクロ経済学特論a-2<br>(藤澤 美惠子) | 1  | 1        | 2   |                         |               |  |
|             | 応用ミクロ経済学特論b-1<br>(藤澤 美惠子) | 1  | 1        | 3   |                         |               |  |
|             | 応用ミクロ経済学特論b-2<br>(藤澤 美惠子) | 1  | 1        | 4   |                         |               |  |
|             | 経済統計学特論b-1<br>(星野 伸明)     | 1  | 1        | 3   |                         |               |  |
|             | 経済統計学特論b-2<br>(星野 伸明)     | 1  | 1        | 4   |                         |               |  |
|             | 金融経済特論b-1<br>(塩谷 雅弘)      | 1  | 1        | 3   |                         |               |  |
|             | 金融経済特論b-2<br>(塩谷 雅弘)      | 1  | 1        | 4   |                         |               |  |
| 専門応用 科目     | ミクロ経済学演習a-1<br>(前田 隆) *   | 1  | 1        | 1   | プログラム・<br>コア科目          | 4単位以上<br>選択必修 |  |
|             | ミクロ経済学演習a-2<br>(前田 隆) *   | 1  | 1        | 2   |                         |               |  |
|             | ミクロ経済学演習b-1<br>(前田 隆) *   | 1  | 1        | 3   |                         |               |  |
|             | ミクロ経済学演習b-2<br>(前田 隆) *   | 1  | 1        | 4   |                         |               |  |
|             | マクロ経済学演習a-1<br>(大木 一慶)    | 1  | 1        | 1   |                         |               |  |
|             | マクロ経済学演習a-2<br>(大木 一慶)    | 1  | 1        | 2   |                         |               |  |

| 科目         | マクロ経済学演習b-1<br>(大木 一慶)<br>マクロ経済学演習b-2<br>(大木 一慶) | 1 | 1 | 3 |                |               |
|------------|--|---|---|---|----------------|---------------|
| Д          |  | 1 |   | O | プログラム・<br>コア科目 | 4単位以上<br>選択必修 |
|            |  | - | 1 | 4 |                |               |
|            | 応用ミクロ経済学演習a-1<br>(藤澤 美惠子)                        | 1 | 1 | 1 |                |               |
| J.         | 応用ミクロ経済学演習a-2<br>(藤澤 美惠子)                        | 1 | 1 | 2 |                |               |
| Д          | 応用ミクロ経済学演習b-1<br>(藤澤 美惠子)                        | 1 | 1 | 3 |                |               |
| Д          | 応用ミクロ経済学演習b-2<br>(藤澤 美惠子)                        | 1 | 1 | 4 |                |               |
| ที่        | 経済統計学演習a-1<br>(星野 伸明)                            | 1 | 1 | 1 |                |               |
| ή          | 経済統計学演習a-2<br>(星野 伸明)                            | 1 | 1 | 2 |                |               |
| ή          | 経済統計学演習b-1<br>(星野 伸明)                            | 1 | 1 | 3 |                |               |
| й          | 経済統計学演習b-2<br>(星野 伸明)                            | 1 | 1 | 4 |                |               |
| 3          | 金融経済論演習a-1<br>(塩谷 雅弘)                            | 1 | 1 | 1 |                |               |
| 3          | 金融経済論演習a-2<br>(塩谷 雅弘)                            | 1 | 1 | 2 |                |               |
| 3          | 金融経済論演習b-1<br>(塩谷 雅弘)                            | 1 | 1 | 3 |                |               |
| 3          | 金融経済論演習b-2<br>(塩谷 雅弘)                            | 1 | 1 | 4 |                |               |
| 他コース 日中核科目 | 国際公共経済特論a-1<br>(吉居 史子)                           | 1 | 1 | 1 | プログラム・サフ       | ブ科目           |
|            | 国際公共経済特論a-2<br>(吉居 史子)                           | 1 | 1 | 2 |                |               |
| 1          | 世界経済特論a-1<br>(正木 響)                              | 1 | 1 | 1 |                |               |
| 1          | 世界経済特論a-2<br>(正木 響)                              | 1 | 1 | 2 |                |               |
| 他コース       | 国際公共経済特論b-1<br>(吉居 史子)                           | 1 | 1 | 3 |                |               |
| _          | 国際公共経済特論b-2<br>(吉居 史子)                           | 1 | 1 | 4 |                |               |

| 科目群  | 授業科目         | 単位 | 開講<br>学年 | 開講Q | 備考         |
|------|--------------|----|----------|-----|------------|
| 他コース | 世界経済特論b-1    | 1  | 1        | 3   | プログラム・サブ科目 |
| 専門基礎 | (正木 響)       |    |          |     |            |
| 科目   | 世界経済特論b-2    | 1  | 1        | 4   |            |
|      | (正木 響)       |    |          |     |            |
| 他コース | 世界経済論演習a-1   | 1  | 1        | 1   | プログラム・サブ科目 |
| 専門応用 | (正木 響)       |    |          |     |            |
| 科目   | 世界経済論演習a-2   | 1  | 1        | 2   |            |
|      | (正木 響)       |    |          |     |            |
|      | 世界経済論演習b-1   | 1  | 1        | 3   |            |
|      | (正木 響)       |    |          |     |            |
|      | 世界経済論演習b-2   | 1  | 1        | 4   |            |
|      | (正木 響)       |    |          |     |            |
|      | 国際公共経済論演習a-1 | 1  | 1        | 1   |            |
|      | (吉居 史子)      |    |          |     |            |
|      | 国際公共経済論演習a-2 | 1  | 1        | 2   |            |
|      | (吉居 史子)      |    |          |     |            |
|      | 国際公共経済論演習b-1 | 1  | 1        | 3   |            |
|      | (吉居 史子)      |    |          |     |            |
|      | 国際公共経済論演習b-2 | 1  | 1        | 4   |            |
|      | (吉居 史子)      |    |          |     |            |

# (注)

- 1 本プログラムの授業は原則としてすべて英語で行います。
- 2 コア科目とは数量経済学の修得に不可欠な科目を指し、サブ科目とは経済現象への理解を深めるために設定した関連科目を指します。
- 3 本プログラムの主任指導教員はコア科目担当の5人の教員(ミクロ経済学(前田隆), マクロ経済学(大木一慶),応用ミクロ経済学(藤澤美恵子),経済統計学(星野伸明), 金融経済論(塩谷雅弘))に限られます。
- 4 氏名右に\*のついた教員は2021年3月に退職予定の教員です。
- 5 開講学年欄の「1」は 1 年次より履修できる科目であり、「2」は 2 年次より履修できる科目です。
- 6 開講学期は変更することがあります。