

Graduate School of Economics
Hitotsubashi University
2-1 Naka Kunitachi, Tokyo
186-8601 JAPAN
Fax: +81-42-580-8195
E-mail: econ-exam.gs[at]ad.hit-u.ac.jp

Graduate School of Economics, Hitotsubashi University
Master's Program in Economics for International Students
(Starting from April 2021)

The Graduate School of Economics of Hitotsubashi University is pleased to invite foreign nationals with a solid academic background to apply for its Master's Program. Please read this document carefully before preparing your application.

1. Courses and the Number of Students Admitted to the Master's Program

There are two courses in the Master's Program: the Academic Researcher Course and the Professional Analyst Course. The Academic Researcher Course is designed for students who wish to progress to the Doctoral Program and provides students with the advanced knowledge and research skills required to pursue an academic career. The Professional Analyst Course is designed for students who wish to finish graduate school with a master's degree and provides the frontier expertise and analytical skills necessary for a career as a professional economist in the public or private sector. Students enrolled in the Professional Analyst Course may choose to participate in one of the four professional training programs focusing on (a) public policy, (b) statistics and finance, (c) regional studies, or (d) health economics. Details on the screening process for these programs will be provided after the enrollment. Students enrolled in the Academic Researcher Course are not eligible for these programs. Note, however, that students enrolled in the Professional Analyst Course may choose to progress to the Doctoral Program if they fulfill the necessary academic requirements.

Course	Major	Number of students to be admitted
Academic Researcher Course	Major in Economics	82
Professional Analyst Course		

Note: The number of students to be admitted above is the total number of students admitted to the Master's Program through multiple admission methods.

2. Eligibility for Applicants

Applicants must satisfy not only condition (1), but also **one** of the three conditions (2), (3), or (4).

- (1) Hold a nationality other than Japanese, and the total duration of stay in Japan at the time of enrollment (April 1, 2021) must be no more than 25 months, excluding any period of stay as a MEXT Japanese studies students.
- (2) Have received (or expect to receive by the end of March 2021) a bachelor's degree and have completed (or expect to complete by the end of March 2021) 16 years of education in a country or countries other than Japan.
- (3) Have received education equivalent to (2). Applicants must contact the Administration Office in advance by October 9 (Fri), 2020 if they claim to satisfy this condition.
- (4) Have received (or expect to receive by the end of March 2021) a bachelor's degree according to Article 104, Paragraph 4 of the School Education Act of Japan.

3. Documents Required for Application

Documents	Who should submit	Notes
1. Application form	All	-Fill out the form and attach an ID photo.
2. Certificate of (expected) graduation	Applicants who satisfy (2) or (3)	-Certificate of graduation and certificate of bachelor's degree (or certificate of expected graduation for those expecting to receive a bachelor's degree). -Certificates in languages other than English or Japanese should be accompanied by a certified translation into English or Japanese.
	Applicants who satisfy (4)	-Certificate of bachelor's degree issued by Japan's National Institution for Academic Degrees and Quality Enhancement of Higher Education (NIAD-QE) or certificate of (planned) application for the degree submitted to NIAD-QE issued by the dean of a junior college or technical college.
3. Identification photograph slip	All	-Fill out the form and attach an ID photo.
4. Official copies of transcripts	All	-Transcripts issued by the degree-awarding university or equivalent institution.
5. Letter of recommendation	All	-One recommendation letter, either in English or in Japanese, in a sealed envelope and signed across the seal. -The letter should be written by a member of the degree-awarding university or equivalent institution who is able to evaluate the applicant's academic performance and research ability. -The form for a letter of recommendation is provided as a separate attachment.

6. Certificate of TOEFL score	Applicants who have received a degree from a country where English is not the main language	<p>-Applicants must submit a score of TOEFL (taken no earlier than February 2019) in the forms of both (a) and (b):</p> <p>(a) The official TOEFL score sent directly to the Graduate School of Economics, Hitotsubashi University (TOEFL institution code 0436. Graduate School of Economics Department code 84.) The score must be received by the start of the application period (December 14, 2020).</p> <p>(b) Applicants should enclose in their application package a photocopy of the TOEFL score report.</p> <p>-TOEFL ITP scores are not accepted. However, the score of "TOEFL ITP Plus for China" is valid only for the entrance examination of this year.</p> <p>- "Test Date score" is used as the effective score, and " MyBest™ Scores" is not used.</p> <p>-The score of "TOEFL iBT® Special Home Edition" can be accepted.</p> <p>-Applicants who have received a degree from a country where English is the main language are exempt from submitting a TOEFL score.</p>
7. Research proposal	All	<p>-Research proposal should be written either in Japanese (no more than 4,000 characters) or in English (no more than 2,000 words), using A4 or US letter size format, 11-point font, and double-spaced. The cover page is provided as a separate attachment.</p> <p>-In research proposal, state academic achievements so far and a detailed future research plan including objectives, significance, and methodology.</p> <p>-Submit four copies of research proposal.</p>
8. Supplementary material on language skills	All	-Fill out the form provided as a separate attachment.
9. Evidence documenting research experience	Applicants who have completed less than 16 years of education.	-Consult with the Administration Office for necessary documents.
10. Return envelope for examination slip	All	<p>For applicants living in Japan</p> <p>-Enclose a self-addressed and stamped envelope to receive the exam slip. The envelope should have the stamps for registered mail already affixed and should be large enough to enclose the exam slip, which is of a postcard size.</p>
		<p>For applicants living outside Japan</p> <p>-No need to provide a self-addressed envelope.</p>

		-The exam slip will be sent electronically by e-mail. Make sure to provide a correct e-mail address in the application form. If applicants do not receive an e-mail with the exam slip by January 19 (Tue), 2021, please contact the Administration Office.
11. Copy of residence certificate or passport	All	-When available, a copy of a residence certificate stating the applicant's residential status and duration should be provided. -If not available, a copy of the photo page of the applicant's passport should be provided.
12. Application fee	All	- There is a non-refundable application fee of JPY30,000. - The application fee is waived for international students who are currently receiving a MEXT (Monbukagakusho) scholarship. These applicants must submit proof of their MEXT scholar status from the university in which they are enrolled. For applicants living in Japan - Payment at a convenience store / Payment by Pay-easy, internet banking or credit card Instructions can be found at the following link: http://www.hit-u.ac.jp/admission/postgraduates/announce.html - Payment by bank transfer Payment must be made directly to the following bank account. Proof of payment should accompany the application. Beneficiary bank: Sumitomo Mitsui Banking Corporation SWIFT Code : SMBCJPJT Branch name: Kunitachi Branch Bank address: 1-8-45 Naka, Kunitachi, Tokyo, Japan, 186-0004 Beneficiary name: Hitotsubashi University Branch code-Account number: 666-7761762 Beneficiary address: 2-1 Naka, Kunitachi, Tokyo, Japan, 186-8601 Phone Number: +81-42-580-8078 For applicants living outside Japan - Payment by credit card Instructions can be found at the following link: http://www.hit-u.ac.jp/admission/postgraduates/announce.html

Notes:

- (1) Applicants should fill out the application documents with a black or blue ball-point pen.
- (2) For all documents written in languages other than English or Japanese, an English or Japanese translation must be provided.

4. Application Procedures

- (1) Applicants must choose one of the two courses: the Academic Researcher Course or the Professional Analyst Course. Applications to both courses will not be accepted. Applicants cannot change the course after submitting their applications.
- (2) Please place all the required documents in an envelope and mail the package to the address below by registered mail (e.g., Express Mail Service or EMS). Delivery by hand will not be accepted. Please write “Application for Master’s Program” in red ink at the bottom of the envelope.
- (3) Application period is from December 7 (Mon) to December 11 (Fri), 2020 (Japan Standard Time). All application packages should arrive at the Administration Office during the application period. No late submissions will be accepted.
- (4) Application packages should be sent to the following address:
Administration Office of the Graduate School of Economics
Hitotsubashi University
2-1 Naka Kunitachi, Tokyo
186-8601 JAPAN

5. Admission Process

The admission process consists of two stages. In the first stage of selection, decisions are made based on the transcripts, the recommendation letter, the research proposal, the TOEFL score (if applicable), and the scores of written exams in economics and the Japanese. Applicants who pass the first stage are requested to visit the campus for an oral exam. In the second stage of selection, decisions are made based on the transcripts, the recommendation letter, the research proposal, the score of the economics written exam, and the score of the oral exam.

6. Written Exams

Applicants should take written exams in economics and the Japanese. In the economics exam, applicants should choose one out of the following four subjects: (1) Microeconomics and Macroeconomics (2) Political Economy, (3) Statistics and Econometrics, or (4) Economic History.

(1) Schedule of the written exams

Date	Subject	Time	Note
January 26 (Tue), 2021	Economics	10:00-12:00	-Applicants should choose one out of the four subjects. -Applicants may bring language dictionaries (e.g., an English-Japanese/Japanese-English dictionary).

			No dictionaries that include a glossary or encyclopedia are allowed. No electronic dictionaries are allowed. -Bring an H or HB black pencil and eraser to mark and/or erase answers on the answer sheet.
	Japanese	14:00-15:20	-No dictionaries are allowed.

- (2) Applicants should come to the exam room no later than 30 minutes before the starting time of each exam and be seated at their assigned seats.
- (3) The exam room will be announced at 13:00 on January 25 (Mon), 2021 on the graduate school entrance exam notice board at Hitotsubashi University.
- (4) The results of the first-stage of selection will be announced at 13:00 on February 4 (Thu), 2021 on the graduate school entrance exam notice board at Hitotsubashi University.

7. Oral Exam

Applicants who passed the first stage of selection will be requested to take the oral exam. The Administration Office will give due consideration to an applicant's wish to take the oral exam in English if stated in the application form. However, the Administration Office may conduct an oral exam in Japanese for academic reasons, if deemed necessary.

(1) Schedule of the oral exam

Date	Time	Format
February 5 (Fri), 2021	9:20-	Interview on topics related to the applicant's research proposal and the related fields in economics

- (2) The exam room and timetable will be announced at 13:00 on February 4 (Thu), 2021 on the graduate school entrance exam notice board at Hitotsubashi University.

8. Exam Venue

Hitotsubashi University

Kunitachi Campus

2-1 Naka Kunitachi, Tokyo JAPAN

(10-minute walk from the south exit of Kunitachi Station on the JR Chuo line)

9. Announcement of Successful Applicants

The results of the second stage of selection will be announced at 13:00 on February 18 (Thu), 2021 on the graduate school entrance exam notice board at Hitotsubashi University. Successful applicants will also receive individual notifications from the Administration Office.

10. Procedures for Enrollment

- (1) To enroll in the Master's Program, prospective students are required to pay a matriculation fee of JPY282,000. The payment period is from March 1 (Mon), 2021 to March 5 (Fri), 2021. Please note that applicants who passed the exams but fail to pay the matriculation fee during this period will be regarded as declining to enroll in the program.
- (2) If prospective students wish to receive an exemption or deferment of the payment of the matriculation fee, they should consult with the Student Services Division at Hitotsubashi University and apply for exemption or deferment during the period specified by Student Services Division before making the payment. (One cannot apply for exemption or deferment after making the payment.) Please note that if the application for exemption or deferment is rejected, such prospective students must make a prompt payment of the matriculation fee after the decision.
- (3) Prospective students will be notified further about the necessary procedures and documents for enrollment, including tuition fees (JPY535,800 per year) that must be paid after the start of the academic year.
- (4) Prospective international students must have or obtain a resident status that enables them to enroll in the Master's Program in accordance with the Immigration Control and Refugee Recognition Act by the start of the academic year (April 1, 2021).
- (5) Prospective students who are dispatched and financially supported by a foreign government must obtain a letter of approval for the enrollment issued by the foreign government.
- (6) The matriculation and tuition fees are subject to future change.

11. Additional Remarks

- (1) The admission process is handled by the Administration Office of the Graduate School of Economics.
- (2) Admission-related questions should be sent to the Administration Office by mail, e-mail (econ-exam.gs[at]ad.hit-u.ac.jp), or fax (+81-42-580-8195). Questions by telephone will not be answered.
- (3) Applicants must bring their exam slips to take the written and oral exams.
- (4) Applicants must submit original documents, not photocopies, except for the proof of payment of the application fees and the passport. Application materials submitted to the Administration Office will not be returned. The application fees are not refundable.
- (5) Exam scores of successful applicants may be used for the purpose of educational assistance after the enrollment.

Note on Student Dormitories Provided by the University

Hitotsubashi University has four dormitories for international students located in Kunitachi and Kodaira. Applicants who wish to live in the dormitory should submit applications following the application guidelines that will be announced in June and December at the following websites. Please note that dormitory selection is by lottery.

Please visit this website:

http://international.hit-u.ac.jp/en/curr/accom/application_for_dorm/index.html

Immunizations

During the health checkup period right after your enrollment, documentation must be provided showing all the required immunizations of measles, mumps, rubella, and chickenpox (varicella) vaccines, or titers of the said diseases showing immunity.

Please check your vaccination record.

Students with Disabilities or Special Needs: Entrance Examination and Academic Learning Assistance

Applicants with disabilities or special needs who require accommodation during the application process and / or once they start their program at the Graduate School of Economics should notify the Admissions Office by October 9 (Fri), 2020 before submitting their Master Program application documents. Although the Admissions Office will accept accommodation requests after this date, we may not be able to make the necessary arrangements in time for the screening and / or the start of the program.

By requesting accommodation for the application process, you are not obligated to apply to the Graduate School of Economics. If you are undecided about whether to apply for the program, you can still submit accommodation requests.

Note: Depending on the types of accommodation you request, it may take some time for the Admissions Office to respond

**Graduate School of Economics
Hitotsubashi University**

2-1 Naka Kunitachi, Tokyo
186-8601 Japan

Leave blank. Office use only.

Fax: +81-42-580-8195
E-mail: econ-exam.gs@ad.hit-u.ac.jp

**Master's Program for International Students
Application Form**

Personal Data

1. Full Name* _____

*As written in your passport. Please underline your family name.

2. Date and Country of Birth _____

Year-Month-Day Country

3. Age _____

4. Gender: Male Female

5. Citizenship _____

Photograph

1. Attach a photograph of yourself, taken within the last three months, 60 mm × 40 mm, full face, front view, without a headgear in the frame.
2. Write your full name on the backside of the photograph.
3. The photograph should be taken wearing normal casual attire. The photograph may not be accepted if your appearance differs from your actual, normal appearance (e.g., with or without wearing glasses or artificially adjusting the photograph).

6. Total Duration of Stay in Japan (See 2 (1) in Application Guidelines) _____ years _____ months

7. Home Address _____

Phone _____ Fax _____

E-mail _____

8. Mailing Address: Home Work Other, namely: _____

Phone _____ Fax _____

E-mail _____

Application Information

9. Course you would like to apply for: Academic Researcher Course Professional Analyst Course

10. Title of research topic you plan to study at graduate school _____

11. Fields you plan to study (multiple selections possible): Microeconomics Macroeconomics
 Political Economy Statistics and Econometrics Economic History

12. Would you like to take the second stage oral exam in English? Yes No

13. List all the names and locations of educational institutions you have attended from the elementary level, with dates of attendance and degrees earned. Please attach academic transcripts from all colleges and universities listed.

Education	Institution and Location	Dates (from-to)	Duration of Schooling	Degree	Major
elementary			yrs months		
secondary			yrs months		
			yrs months		
			yrs months		
			yrs months		
			yrs months		
Total years of schooling (including elementary and secondary education)			yrs months		

14. List previous employment (if any) with dates, job titles, and job descriptions.

Name of Employer and Location	Dates (from-to)	Duration of Service	Job Title and Description
		yrs months	
		yrs months	
		yrs months	

I certify that to the best of my knowledge all information given above is correct and complete, and I understand that any omission or misinformation concerning enrollment in colleges or universities may invalidate my admission or result in dismissal.

Signature of applicant

Date

Graduate School of Economics
Hitotsubashi University
2-1 Naka Kunitachi, Tokyo
186-8601 Japan

Leave blank. Office use only.

Fax: +81-42-580-8195
E-mail: econ-exam.gs@ad.hit-u.ac.jp

Master's Program for International Students
Letter of Recommendation

TO THE APPLICANT: Complete this section. Give this form to the person whom you have asked to recommend you. Upon receiving the sealed envelope from the recommender, include the envelope in the application package to be sent to the Graduate School of Economics, Hitotsubashi University.

Applicant's Name _____
Family name First name Middle name

Recommender's Name _____
Family name First name Middle name

TO THE RECOMMENDER: Please enclose the completed letter of recommendation in a sealed envelope and sign it across the seal. Return the sealed envelope to the applicant. If you prefer, you may write a separate letter and attach it to this form. This recommendation letter will remain confidential and will be used for the screening purposes only.

1. How long have you known the applicant? _____ years _____ months

2. In what capacity have you known the applicant?

3. How often have you seen the applicant?

- Daily Weekly Monthly Rarely

Your name _____

Position or title _____

Organization _____

Address _____

Phone _____ Fax _____

E-mail _____

Signature Date

Important

Please write your contact information, as in some cases the Admissions Office inquires about the contents of the letter of recommendation.

**Photograph Slip for the Entrance Exam
Master's Program of the Graduate School at
Hitotsubashi University**

Graduate School of Economics	<small>Leave blank. Office use only.</small>
---------------------------------	--

Name		M . F
	Date of Birth	

Photograph

1. Attach a photograph of yourself, taken within the last three months, 60 mm × 40 mm, full face, front view, without a headgear in the frame.
2. Write your full name on the backside of the photograph.
3. The photograph should be taken wearing normal casual attire. The photograph may not be accepted if your appearance differs from your actual, normal appearance (e.g., with or without wearing glasses or artificially adjusting the photograph).

Economics	<small>Leave blank. Office use only.</small>
Japanese	<small>Leave blank. Office use only.</small>
Oral	<small>Leave blank. Office use only.</small>

Note: Circle your gender.

Leave blank. Office use only

Graduate School of Economics, Hitotsubashi University
Master's Program in Economics for International Students
Applicant's Research Proposal

Academic Researcher Course Professional Analyst Course

Check the course you are applying for.

Title of Research Proposal

Applicant's Name

Supplementary Material for Oral Exam

Applicant's Language Skills

Graduate School of Economics	Leave blank. Office use only
------------------------------	------------------------------

Applicant's Name	
---------------------	--

1. Your native language

2. Proficiency in languages other than Japanese (if any):

	Full working proficiency	Limited working proficiency	Elementary proficiency
Reading			
Writing			
Speaking			

	Full working proficiency	Limited working proficiency	Elementary proficiency
Reading			
Writing			
Speaking			

Insert check marks to indicate the level of your proficiency.

**Graduate School of Economics
Hitotsubashi University
Faculty Members**

[SURNAME, Given Name]	[Research Fields]	[SURNAME, Given Name]	[Research Fields]
ABE, Naohito	Macroeconomics, Japanese Economy, Household Consumption	NISHIDE, Katsumasa	Financial Engineering, Financial Economics
ARIMOTO, Yutaka	Development Economics, Japanese Economic History, Agricultural Economics	NOELLERT, Matthew	Asian Economic History, Modern Chinese History, Quantitative History
ENOMOTO, Takefumi	Humanism and Rhetoric in the Renaissance, Classical Studies in the Renaissance	OKADA, Yosuke	Industrial Organization, Competition Policy, Regulatory Policy
FUJISHIMA, Shota	Urban and Regional Economics, Economics of Networks	OKAMURO, Hiroyuki	Industrial Organization, Business Economics
FUKAO, Kyoji	Macroeconomics, Economic Development, International Economics	OSHIO, Takashi	Public Economics, Social Security
GOTOH, Reiko	Welfare Economics, Economic Thought and Philosophy	OTSUKI, Yasuhiro	Economic History, Medieval European History, Mediterranean Area Studies
HASHINUMA, Katsumi	Aspects of Economy and Culture: Britain and the United States	SAMIKAWA, Ikuko	Banking and Monetary Policy
HONDA, Toshio	Mathematical Statistics, Econometrics	SASAKURA, Kazuhiro	Aspects of Economy and Culture: China
HORI, Masahiro	Japanese economy, Asian economy, Applied Econometrics	SATO, Motohiro	Public Finance, Public Economy
II, Masako	Health Economics, Public Economics	SATO, Susumu	Industrial Organization
IMAMURA, Kazuhiro	Japanese Language Teaching Methods, Japanese Language for Social Science	SAWADA, Masayuki	Econometrics, Labor Economics
ISHIKAWA, Jota	International Economics, Industrial Organization	SEKINE, Toshitaka	Central Banking, Monetary Economics, Macroeconomics
ISOBE, Takeshi	Mathematics, Analysis	SHIOJI, Etsuro	Macroeconomics, Macroeconomic Analysis of the Japanese Economy
IWAISAKO, Tokuo	Finance, Empirical Macroeconomics	SUGITA, Yoichi	International Trade, Industrial Organization
IWASAKI, Ichiro	Comparative Economics, Transition Economies	SUNAKAWA, Takeki	Macroeconomics, Economic theory
JINNAI, Ryo	Macroeconomics, Monetary Economics	TAKAHASHI, Yuta	Macroeconomics, International Trade
KAMBAYASHI, Ryo	Labor Economics, Economic Development, Law and Economics	TAKAKU, Reo	Health Economics, Health Policy
KANO, Takashi	Macroeconomics, International Finance	TAKAYAMA, Naoki	Macroeconomics, Labor Economics
KIKUCHI, Nobuyoshi	Applied Microeconometrics, Economics of Education, Labor Economics	TAKAYANAGI, Tomohiko	Modern Japanese Economic History, Modern Japanese History
KUMO, Kazuhiro	Transition Economies, Russian Economy	TAKEOKA, Norio	Decision Theory, Microeconomics
KUROSAKI, Takashi	Development Economics, Agricultural Economics, Asian Economies	TAKEUCHI, Kan	Public Economics, Experimental Economics
KUROZUMI, Eiji	Time Series Analysis, Econometrics	TANAKA, Mari	Development Economics, Labor Economics, International Trade
KUWANA, Yoichi	Mathematical Statistics, Applied Probability Theory	TANAKA, Masayuki	Survey Theory
LEE, Guenwoo	Development Economics, Agricultural Economics	TESHIMA, Kensuke	International Trade, Development Economics
MA, Debin	Economic History, Chinese Economic History	TOMIURA, Eiichi	International Economics, Applied Econometrics, Japanese Trade and Industry
MACLELLAN, Philip	Behavioral Economics, Qualitative and Case Study Research, Social Learning Theory, Second Language Acquisition	TOMOBE, Kenichi	Japanese Economic History since Tokugawa Era, Historical Demography
MANO, Yukichi	Development Economics, Regional Economics	TSUDA, Teruhisa	Mathematics, Differential Equations in the Complex Domain
MASUDA, Kazuya	Development Economics, Economics of Education, Health Economics	UESUGI, Iichiro	Corporate Finance, Small and Medium Enterprises, Japanese Economy
MATSUDA Kazushige	Macroeconomics, Labor economics	UI, Takashi	Microeconomics, Game Theory
MATSUSHITA, Yukitoshi	Econometrics	USUL, Emiko	Labor Economics, Economics of Women and the Family
MINAMI, Yuko	Area Study: Chinese Society, Sociology of Local Community	WATANABE, Satoshi	Public Finance, Tax Laws, Law and Economics
MOCHIZUKI, Masashi	Food and Environmental Economics, Fisheries Economics	WATANABE, Toshiaki	Financial Econometrics, Macroeconometrics
MORI, Takahito	Economic History of Europe, Urban History of Europe	YAMADA, Toshihiro	Financial Mathematics, Stochastic Numerical Analysis
MORIGUCHI, Chiaki	Comparative Economic History, Comparative Institutional Analysis, Economics of the Family	YAMAMOTO, Yohei	Econometrics, Macroeconomic Analysis, International Finance
MORIKAWA, Masayuki	Economic policy, Japanese Economy, Applied Microeconomics	YAMAMOTO, Yuichi	Microeconomic Theory, Game Theory
MORITA, Hodaka	Industrial Organization, Organizational Economics	YAMASHIGE, Shinji	Public Finance, Public Economics, Social Policy
NAKAMURA, Ryota	Health Economics, Health policy, Global health	YAMASHITA, Hidetoshi	Resource and Environmental Economics, Waste Management, Energy Policy
NAKAYAMA, Chikara	Mathematics, Algebra	YOKOO, Hidefumi	Environmental and resource economics, Development economics
		YOKOYAMA, Izumi	Labor Economics, Applied Econometrics

For more information about the faculty members, please refer to

<https://hri.ad.hit-u.ac.jp/?l=en>

For information on courses offered in the 2020–21 academic year, please refer to

<http://www.econ.hit-u.ac.jp/eng/page/graduate/course-list.html>

Note: Half of the core courses are offered in English; however, the majority of other courses are taught in Japanese.

Therefore, earning a master's degree by taking courses only in English is not possible.