1. University

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**University** | Kyushu University (National)
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**Graduate School** | 1. Graduate School of Engineering (Earth Resource Engineering)  
2. Graduate School of Social and Cultural Studies (Earth Sciences)  
*Student can choose which of above mentioned two graduate school according to own research subject.*
**URL of University** | http://www.kyushu-u.ac.jp/english/index.php
**URL of Graduate School** | [http://www.eng.kyushu-u.ac.jp/e/index.html][1]  
[http://www.scs.kyushu-u.ac.jp/en/][2]
**Program name** | 1. International Master’s Program in Earth Resources Engineering  
2. International Master's Program in Earth Sciences
**Degrees** | a. Master of Engineering (Graduate School of Engineering)  
b. Master of Science (Graduate School of Social and Cultural Studies)
**Credit and years needed for graduation** | a. 30 Credits, 2 Years  
b. 30 Credits, 2 Years

2. Features of University

The history of Kyushu University dates back to 1903 when Fukuoka Medical College was established as the foundation of Kyushu Imperial University. (The college was legally attached to Kyoto Imperial University at that time). In 1911, Kyushu Imperial University, along with the Colleges of Medicine and Engineering, were established. Since then various reforms have been made to the higher education system in Japan, such as the introduction of a new educational format after World War II and the reorganization of national universities to University Corporations in 2004.

The total number of students currently amounts to 18,588, while the faculty members number 2,186. International exchange programs are also greatly encouraged at Kyushu University. With this in mind, the university accepts many overseas students each year. At present there are more than 1,500 international students from about eighty countries studying here.

Kyushu University is located in Fukuoka city, which is the largest city of Kyushu island, Japan.  
[http://www.isc.kyushu-u.ac.jp/g30/aboutus.html][3]

3. Features of Graduate School

(1) Graduate School of Engineering (Earth Resource Engineering)  
The School of Engineering was established in 1911 concurrently with Kyushu University and will
celebrate its 100th anniversary in 2011. There are over 800 first year undergraduate students and over 3,600 students studying in the undergraduate program, 1,200 students in the master program and 470 students in the doctoral program.

Our education goal is to foster engineers and researchers who will support our society with a global prospective and possess high ethical standards. We hope our graduates have not only technical knowledge but also a deep understanding and great awareness about society and the environment. Furthermore, while playing an active role in international society, our graduates should have a well-rounded education such as understanding different cultures and abilities to communicate in various situations.

http://www.eng.kyushu-u.ac.jp/e/index.html

(2) Graduate School of Social and Cultural Studies (Earth Sciences)
The Graduate School of Social and Cultural Studies (SCS) created in 1994, offers wider research opportunities to graduate students. The SCS aims to provide professional training for the students determined to pursue a career in academic research.

But it also accepts as students those who have previous working experience in a variety of fields and have the intention of improving themselves though academic research. Determined to follow the policy of diversification, the SCS welcomes anyone who aims at a higher academic goal, regardless of age, sex, cultural and linguistic background, or nationality. Over 4000 students studied in the SCS during these 17 years and right now there are 127 students in the master program and 141 students in the doctoral program, where more than 50% students are from overseas.

Our education goal is to foster technical experts and researchers who will support our society with a global prospective and possess high ethical standards. We hope our graduates have not only technical knowledge but also a deep understanding and great awareness about society and the environment. Furthermore, while playing an active role in international society, our graduates should have a well-rounded education such as understanding different cultures and abilities to communicate in various situations.


4 . Features of the Program

(1) Graduate School of Engineering (Earth Resource Engineering)
Objectives of education and research in the Department of Earth Resources Engineering are to bring up earth resources engineers and to contribute to sustainable and environment adaptable development of mineral and energy resources. These resources are necessary not only for our daily life through supply of electricity, fuels for automobiles and industrial products, but also for supporting fundamental activities of various type industries. At the same time, development of these resources should be carried out with particular care of their effects on environment as well as its sustainability.
(2) Graduate School of Social and Cultural Studies (Earth Sciences)
Objectives of education and research in the Department of Earth Sciences in the SCS are to bring up researchers and technical experts in the field of earth sciences, which contribute to earth resource engineering. The studies on basic earth science including structural geology, petrology, mineralogy, geophysics and geochemistry are necessary not only for earth resource development, but also for quantitative analysis of natural resources. The trainings of advanced field geology and analytical techniques using cutting-edge instruments in the SCS program support the deepen students’ understanding of the earth science field.

5 . Necessary Curriculum to Obtain to the Degrees

(1) Graduate School of Engineering (Earth Resource Engineering)
Graduate school of Engineering consists of master’s course and doctoral course. Master’s course of two years program consists of advanced lectures on Earth Resources Engineering and research project. Lectures are given in a class of relatively small number of student; 10-15. At the same time, a student needs to conduct his/her research project and write master’s thesis. In addition, a student needs to obtain a total of 30 credits to complete the course. A student who has completed master’s program shall be conferred a master’s degree of Engineering.

http://www.mine.kyushu-u.ac.jp/english/info_daigakuin.html

(2) Graduate School of Social and Cultural Studies (Earth Sciences)
Graduate school of Social and Cultural Studies consists of master’s course and doctoral course. Master’s course of two years program consists of advanced lectures on Earth Sciences and research project. Lectures are given in a class of relatively small number of student; 5-10. At the same time, a student needs to conduct his/her research project and write master’s thesis. In addition, a student needs to obtain a total of 30 credits to complete the course. A student who has completed master’s program shall be conferred a master’s degree of Science.

6 . Academic Schedule

Details for ( Autumn Entrance, 2012 ) have not been decided yet. The following schedule is a reference along 2011.
Application Period: April 25 - May10, 2011
Examination: May 30 - June3, 2011
Results Announced: June 23, 2011
Registration: September 12 – 21, 2011
Entrance Date: October 1, 2011
Entrance Ceremony: ・・・ 「Reference」
Orientation: ・・・ ・「Reference」

- Classes Start: October 3, 2011
- University Sports Festival: October 8, 2011
- University Festival : November 18 - 21, 2011
- Last day of class: January 31, 2012
- Spring Semester: April – August, 2012
- Summer Holiday: August – September, 2012

7. Facilities

The international students who will be admitted and enrolled at graduate schools located in Ito Campus are eligible.

Dormitory I (on campus housing) All single rooms with furniture; Desk, Chair, Bookshelf, Bed, Shoes closet, Closet, Mini-Kitchen (with small fridge), Air conditioner, Bath/Washroom (with bathtub, shower, toilet, & sink), Interphone, TV terminal, and Internet terminal
http://www.isc.kyushu-u.ac.jp/supportcenter-e/housing/on/ito/main.html

Restaurant with ATM, Convenience store, and Book store
*Big Dora: http://www.isc.kyushu-u.ac.jp/supportcenter/map/on/ito/cafe.html


Ito Library
http://www.lib.kyushu-u.ac.jp/libinf/scitech/?skinid=7

Private Housing Information
http://www.isc.kyushu-u.ac.jp/supportcenter-e/housing/off/main.html

8. List of faculty members capable of guiding JDS fellows

(1) Graduate School of Engineering (Earth Resource Engineering)
All professors and associate professors in the department can supervise JDS fellows. Their laboratory names and names are as follows:

Economic Geology
Prof. Koichiro WATANABE

Engineering Geophysics
Assoc. Prof. Hideki MIZUNAGA
Assoc. Prof. Saibi HAKIM

Geothermics
Prof. Sachio EHARA
Assoc. Prof. Yasuhiro FUJIMITSU

Resources Production and Safety Engineering
Prof. Kyuro SASAKI
Assoc. Prof. Masahiro INOUE

Rock Engineering and Mining Machinery
Prof. Kikuo MATSUI, Assoc
Prof. Hideki SHIMADA

Mineral Processing and Recycling
Prof. Tsuyoshi HIRAJIMA
Prof. Keiko SASAKI
Assoc. Prof. Naoko OKIBE
Energy Resources Engineering
Prof. Ryuichi ITOI
Assoc. Prof. Hikari FUJII

(2) Graduate School of Social and Cultural Studies (Earth Sciences)
All staffs in the department can supervise JDS fellows. Their laboratory names and names are as follows:

Geology and Petrology
Prof. Yasuhito OSANAI,
Assist Prof. Nobuhiko NAKANO
Structural Geology and Geobiology,
Prof. Akihiro KANO

Mineralogy
Assoc. Prof. Kiyotaka ISHIDA,
Assoc. Prof. Yoshihoro KUWAHARA

Geochemistry
Prof. Itsuro KITA

Geophysics and Geochemistry
Assoc. Prof. Masao OHNO

Petrology and Geochronology
Prof. Yoichi MOTOYOSHI
Assoc. Prof. Tomokazu HOKADA

Marine Geophysics
Assoc. Prof. Yoshihumi NOGI

9. Message for Applicants

(1) Graduate School of Engineering (Earth Resource Engineering)
Our department consists of seven laboratories that special respective research field: Economic Geology, Engineering Geophysics, Geothermics, Resources Production and Safety Engineering, Rock Engineering and Mining Machinery, Mineral Processing and Recycling and Energy Resources Engineering. This wide range of research field can cover technical and engineering topics occurs at respective stage of resource development starting from exploration, production, remediation, and recycling. However, our research interest extends to prediction of natural disaster such as volcanic hazards, utilization of ground heat, urban mining for valuable resources recycling and remediation of contaminated groundwater resources.

As environmental problems related to resource development have become one of the global issues, we need to promote cooperative work and research with overseas organizations and universities. From this point of view, our department is actively accepting graduate students from overseas and carries out joint research with overseas universities.
(2) Graduate School of Social and Cultural Studies (Earth Sciences)

Our department consists of six laboratories that special respective research field: Basic Structural Geology, Igneous and Metamorphic Petrology, Mineralogy, Micro Geochronology, Geophysics and Geochemistry. This wide range of research field can cover most of earth science topics occurs at respective stage of geological mapping, petrological and mineralogical analyses, geochronology, and geophysical analyses of magnetic and gravity anomalies. These basic earth scientific researches support strongly for earth resource engineering including mineral exploration, resource analysis, assessment, and recycling.

As environmental problems related to resource development have become one of the global issues, we need to promote cooperative work and research with overseas organizations and universities. From this point of view, our department as well as the Graduate School of Engineering is actively accepting graduate students from overseas and carries out joint research with overseas universities.