

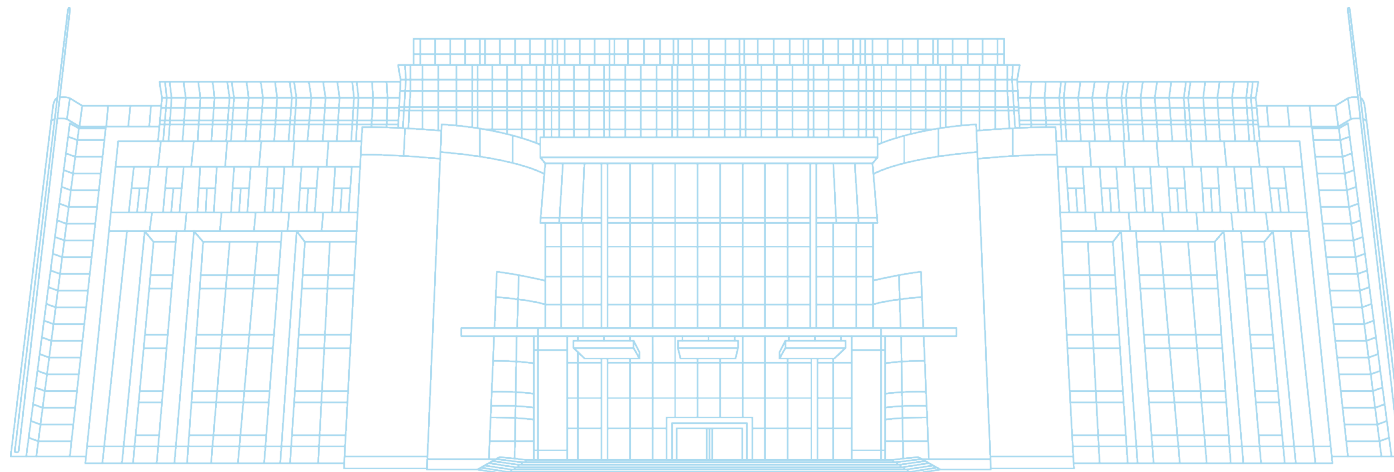


Regional Centre for Space Science and Technology Education
in Asia and the Pacific (China) (Affiliated to the United Nations)

联合国附属空间科技教育亚太区域中心(中国)

DOCSTA 2019

Doctoral Degree Program
on Space Technology Applications



北航图书馆
Beihang Library

Overview

Space technology and its applications, the most fascinating technical achievement of the human race in the last six decades, has undoubtedly advanced with great stride. The various practical benefits of space technology play a central role in international development efforts.

In order to transform the recommendations of the United Nations Programme on Space Applications (UN-PSA) into a practical operable program, Beihang University has initiated the Doctoral Program on Space Technology Applications (DOCSTA) since 2013, and the program has been held 5 times with success till now. This program has enrolled totally 60 doctoral students from 13 countries, among which 7 students have graduated and obtained the Doctoral Degree on Space Technology Applications.

The program is focusing on training the participants in solid theoretical knowledge and systematic expertise in the field of space technology applications. It aims to deliver “International, Interdisciplinary, Intercultural, Innovative, Identical (5I)” education and provide a powerful platform for scholars and professionals to obtain more opportunities for communicating and experiencing the space technology practice in China.

Participants are expected to have the ability of conducting the scientific research, exploring the applications or pursuing the professional careers in the related fields independently.

Candidates are expected to have a profound grasp and understanding of new technology and development in space science technology and applications. They are required to finish the dissertation with high practicability and application prospects.

The faculty and academic staff for this program consist of professors, experts and senior engineers from Beihang University and some institutes or academies. The core faculty members and experts have extensive and varied experience in the field of space science and technology. In addition, they have accumulated considerable teaching experience over the years and are skilled in teaching and advising international students.

Participants will be awarded with the Graduation Certificate of Beihang University and Doctoral Degree Certificate of the People’s Republic of China when fulfilling the required credits and passing the thesis defense.

Note: In general, the training program of DOCSTA is the same with other International doctoral programs of Beihang University. The major tasks for DOCSTA candidates are to conduct researches under the guidance of their supervisors. All courses and academic activities for MASTA candidates like technical visits, lectures are also open to DOCSTA candidates. The duration of study for DOCSTA is 3 to 4 years.



Introduction to RCSSTEAP (China)



Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (affiliated to the United Nations) (RCSSTEAP for short) was established on November 17, 2014. The Centre is located on the main campus of Beihang University (<http://ev.buaa.edu.cn/>), Beijing, China.

The Centre, as an education and training entity supported by the Committee on the Peaceful Uses of Outer Space (COPUOS), was established with the missions to promote the peaceful use of space technologies for the benefit of humanity and to sensitize the countries within the region about space science and technology activities by educating and creating awareness through training, workshops, short courses and outreaches. It seeks to contribute to the implementation of “Programme on Space Applications” promoted by COPUOS and to the enhancement of the education and training level as well as application capacity of space science and technology in the Member States of the Centre through capacity building, information communication, training programmes and professional visits.

For the purpose of facilitating the UN Space Applications Programme and satisfying demands of the Asia-Pacific countries regarding space science and technology education, the Centre offers degree and non-degree programmes with academic exchanges and consultation carrying out in the field of space technology applications.

The main education and training fields of the Centre include Remote Sensing and Geographic Information Systems (RS&GIS), Satellite Communications, Global Navigation Satellite System (GNSS), Micro-satellite Technology, Space Law and Policy, etc.

The Centre has established extensive cooperation with space industries. The Centre has internationally qualified academic and administrative staff with excellent facilities for education, accommodation and recreation.

Presently, the Centre has 10 Member States including Algeria, Argentina, Bangladesh, Bolivia, Brazil, China, Indonesia, Pakistan, Peru and Venezuela.



➤ Application Qualifications

- The applicant should be under the age of 40;
- The applicant should have some professional experiences of working in space technology industry or research institutes;
- The applicant should have Master's Degree of relevant discipline or have the equivalent educational background of a Master's degree;
- The applicant is supposed to have research background in relevant areas;
- The applicant is expected to have good command of English and the ability to take courses in English

Note: Please notice as a special requirement that selected applicants should come to study at Beihang University with their Private Passports only (not official/service/other types of passport).

Applicants of this program are mostly recommended by organizations. Students who are interested to do self-sponsor, please visit website (<http://admission.buaa.edu.cn/>) for further information.

➤ Fees

- Tuition Fee: 42000 Yuan (RMB) per year;
- Insurance: 800 Yuan (RMB) per year;
- Accommodation: Double room, 750 Yuan (RMB) per month (not including costs like water, electricity, etc.).

Note: This program is mainly for directional enrollment. Students who are interested to do self-sponsor, please visit website (<http://admission.buaa.edu.cn/>) for further information.

➤ Scholarship and Financial Support

1. The applicants are welcome to apply for the Chinese Government Scholarship (CSC Scholarship) at Beihang University.

The Full CSC scholarship will cover the following items:

- Tuition fee for study period (3-4 years) at the University;
- Free accommodation during study at the University (not including costs like water and electricity, etc.);
- Living allowance during stay at the University (3500 RMB /per month or according to standard by CSC);
- Medical Insurance only for accidents and hospitalization treatments, according to the standard of CSC;

2. The applicants who fail to get the CSC Scholarship will have chance to get Beijing Municipal/Beihang Scholarship. **Beijing Municipal/Beihang Scholarship will only cover tuition fee.**

➤ Application Procedures and Required Documents

Step

1

Apply online

Make the online application for Chinese Government Scholarship on the website of CSC (<http://studyinchina.csc.edu.cn>): fill up the Application Form, submit the completed Application Form and supporting documents online and print the Application Form according to the requirements. Please note that the specialty should be chosen as “**Space Technology Applications**” and the language of instructions should be chosen as “**English**”. Please also note that the “**Program Category**” should be “**Type B**” and the “**Agency Number**” of Beihang University is **10006**.

Step

2

Prepare documents

1. Application Form for Chinese Government Scholarship;
2. Highest Education Diploma (notarized photocopy or original one) or Certificate of Expected Graduation Date from the university studying currently; Two Recommendation Letters from Professors or Academic Experts;
3. Notarized Transcripts or original ones;
4. Study or Research Plan (no less than 500 words);
5. Two Recommendation Letters from Professors or Academic Experts;
6. The Results of TOEFL, IELTS or English Proficiency Certificates;
7. Photocopy of Physical Examination Form and the Report on Blood Examination;
[Attachment 1-FOREIGNER PHYSICAL EXAMINATION FORM.pdf](#)
8. Photocopy of First Page of Passport (the information page);
9. The List of Application Documents and Post Address confirmed.
[Attachment 2-List of Application Documents.doc](#)

Note: All the documents should be in duplicate. And the language of documents should be in English or Chinese or attached with translations in English or Chinese.

Step

3

Submit documents

Mail all required documents to the following address before March 15, 2019.

Ms. Guo Yuanyuan

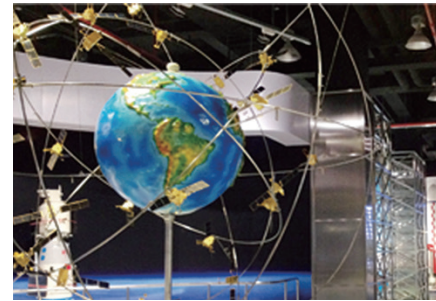
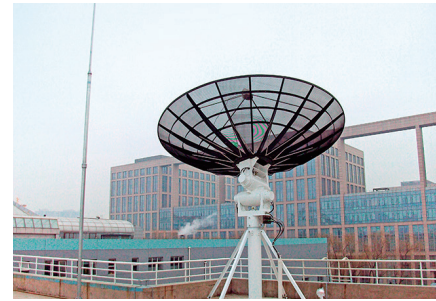
Address: International School of Beihang University, No. 37 Xueyuan Road, Haidian District, Beijing 100191, P.R. China.

Tel: +86-10-82339734, +86-13581523872

Note: In order to speed up your application process, scanned copies can be emailed to the **Contact Person: gyy@buaa.edu.cn** so that we can get your information in advance. And **mail all the required documents to the Contact Person at RCSSTEAP(China)** by the already set deadline (**March 15, 2019**). RCSSTEAP (China) and Beihang University will acknowledge the receipt of your application after evaluation. No application documents will be returned after submission.

▶ Important Dates

- Applicants should mail the required applications documents to the **Contact Person at RCSSTEAP (China)** by **March 15, 2019**.
- The results of admission will be notified by stages **from May 20 to early August 2019**.
- The Admission Notice and related documents will be mailed to the successful applicants before **August 15, 2019**.
- The program will start in **early September 2019**.





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Contact Information



WEBSITE



WECHAT

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E-mail: gyy@buaa.edu.cn

Website of RCSSTEAP: <http://www.rcssteap.org>

Website of International School, Beihang University: <http://is.buaa.edu.cn>

Website of Beihang University: <http://ev.buaa.edu.cn/>

Website of China Scholarship Council: <http://studyinchina.csc.edu.cn>

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CBD