

DOCSTA 2020

Doctoral Degree Program on Space Technology Applications

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.

Doctor of Philosophy (PhD) Program on Space Technology and its Applications (DOCSTA) is regular program of APSCO since 2013. This Program is an elaborately designed and intensive PhD Program for students who are interested in exploring the mysterious universe. 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. This program is jointly sponsored and organized by APSCO, China Scholarship Council (CSC) and Beihang University. All Member States actively participated in these programs. This program has enrolled totally 71 doctoral students from 13 countries, among which 17 students have graduated and obtained the Doctoral Degree on Space Technology Applications.

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.**

International Education at Beihang University



International education at Beihang University (also known as BUAA) was inaugurated in the early 1990s and has continued to develop at a very fast pace. By the end of 2019, over 2,300 international students from more than 120 countries are studying at Beihang, among which over 1,300 are pursuing their doctoral, master, or bachelor degrees. By 2019, more than 2,300 international students have successfully graduated with degrees from Beihang. Batches of outstanding international alumni are playing a great role at work and contributing to the prosperity and development of the world.

International student programs at Beihang mainly include bachelor degree programs, master degree programs, doctoral degree programs, as well as various non-degree programs such as Chinese language training programs and visiting scholar programs. Beihang University is one of the few universities in China where English is used as its primary language of instruction for all international master and doctoral programs, as well as some of its bachelor programs.

Beihang endeavors to build a world-renowned international education platform. In 2014, the

Regional Centre for Space Science and Technology Education in Asia and the Pacific (China) (affiliated to the United Nations) was established at Beihang University with the support of the Chinese Government.

Beihang has established the Confucius Institute in cooperation with Kogakuin University (Japan) and set up HSK and HSKK authorized testing centers, providing various international education programs for students of different levels in Chinese language training, Chinese cultural studies and so on.

Beihang is devoted to the innovation of international talent training mode, which can be exemplified by the integrated education of Chinese students and international students, and credit transfer programs for one year or half a year in cooperation with famous universities in France, Sweden, Ireland and many other countries all over the world.

Beihang is qualified to admit all categories of international students, including those sponsored by the Chinese Government Scholarship. The Beihang Scholarship for international students was established in 2007 to encourage and support the coming of excellent international students to Beihang, and since then hundreds of exceptional international students have been awarded the scholarship. Scholarships for international students mainly include Chinese Government Scholarship (CGS), Beijing Government Scholarship, Beihang International Student Scholarship, Confucius Institute Scholarship, scholarships from enterprises, etc.

In a new era of international education, Beihang continues to strive to provide higher quality education and excellent service for international students, and sincerely welcomes students from all over the world to study here.

Study at Beihang, light the dream.

For more details, please visit our website: <http://is.buaa.edu.cn>

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-bed room, 750 Yuan (RMB) / month, per bed (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;
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 8, 2020.

Ms. Jessica Zhuang

**Address: ASIA-PACIFIC SPACE COOPERATION ORGNIZATION (APSCO),
Building 13&14, Section 3, No.188, South Street Fourth Ring, Fengtai District,
Beijing, China, Post Code: 100070**

Tel: +86-(0)10-6370 2677 Ex. 405 Fax: +86-(0)10-6370 2286

Note: *In order to speed up your application process, scanned copies can be emailed to the Contact Person: Jessica@apsco.int so that we can get your information in advance. And **mail all the required documents to the Contact Person at APSCO** by the already set deadline (**March 8, 2020**). APSCO 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 APSCO** by **March 8, 2020**.
- ✧ The results of admission will be notified by stages **from May 20 to early August, 2020**.
- ✧ The Admission Notice and related documents will be mailed to the successful applicants before **August 8, 2020**.
- ✧ The program will start in **early September 2020**.

Contact Information

- ✧ Ms. Jessica Zhuang
- ✧ **Address:** ASIA-PACIFIC SPACE COOPERATION ORGNIZATION (APSCO)
- ✧ Building 13&14, Section 3, No.188, South Street Fourth Ring, Fengtai District, Beijing, China, Post Code: 100070
- ✧ **Telephone:** +86-(0)10-6370 2677 Ex. 405
- ✧ **E-mail:** Jessica@apsco.int
- ✧ **Website of APSCO:** <http://www.apsco.int>
- ✧ **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>