

# DOCSTA 2017

## 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 four 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 and operational program, Beihang University has initiated the Doctoral Program on Space Technology Applications (DOCSTA) since 2013 and enrolled 38 students from 10 countries until now.

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 (5Is) 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 invited from Beihang University and some institutes or academies. The core faculty and experts have extensive and varied experience in the field of space science and technology. In addition, they have acquired considerable experience over the years and are skilled in teaching and advising international students.

**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 guided by 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 3-4 years.**

## Introduction to Beihang University

Beihang University (BUAA), formerly called Beijing University of Aeronautics and Astronautics, was founded in 1952 and has been one of the state key universities of China since 1950s. Through more than 60 years development Beihang has grown into one of the nation's foremost research universities, combining disciplines in science, engineering, humanity, law, economics, management, and education, while maintaining the leading role in technology.

Beihang has now a total enrolment of over 29,000 full-time students, including 13,000 postgraduates. Over 2,000 international students from more than 100 countries are studying at Beihang in 2016. Among them over 1,200 are studying for degree programs, including more than 700 master and doctoral students, and more than 300 are studying Chinese language in Chinese Language Training Center of Beihang.

The University has been reputed for its competitive edge in such disciplines as aeronautics and astronautics, instrument science and technology, computer science and technology, management science and engineering, etc. English or Chinese are used as instruction language for master and doctoral programs.

Beihang is one of the top universities in China equipped with advanced laboratories and teaching facilities. Xueyuan Road Campus is located in the heart of "China's Silicon Valley" – Zhongguancun Science Park. The campus of Beihang is notable for its beautiful environment, convenient transportation, and completed living services, including various sports facilities, bank, post office, supermarkets, canteens, etc..

## Application Qualifications

- ✧ The applicant should be under the age of 40 in general;
- ✧ 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).

## 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 water and electricity, etc. costs.);
  - ✧ 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 from 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**.

*Note: The online application will begin around the middle of December, 2016.*

### 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. Photocopy of Physical Examination Form and the Report on Blood Examination.  
[Attachment 1-FOREIGNER PHYSICAL EXAMINATION FORM.pdf](#)
7. Photocopy of the homepage of Passport (the information page);
8. 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 10th March, 2017.

**Ms.** Jessica Zhuang

**Address:** Building 13&14, Section 3, No.188, South West Fourth Ring, Fengtai District, Beijing 100070, China,

**Tel:** 86 10 6370 2677 Ext. 405, **Fax:** 86 10 63702286

Note: *In order to speed up your application process, scanned copies can be emailed to the **Contact Person:** [jessica@apsco.int](mailto:jessica@apsco.int) so that we can get your information in advance. And **mail all the required documents to the Contact Person** by the already set deadline (**March 10, 2017**). APSCO 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** by **March 10, 2017**.
- ✧ The results of admission will be notified by stages **from May 20 to early August 2017**.
- ✧ The Admission Notice and related documents will be mailed to the successful applicants around **August 15, 2017**.
- ✧ The program will begin at the middle of **September 2017**.

## Contact Information

- ✧ **Ms.** Jessica Zhuang, Department of Education and Training and Database Management, APSCO
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