



Regional Centre for Space Science and Technology Education in Asia and the Pacific (China)  
联合国附属空间科学与技术教育亚太区域中心 (中国)

# DOCSTA 2015

## Doctoral Degree Program related to Space Technology Applications

(For APSCO Member States Only)

### Introduction

Space technology and its applications have been made a great advance in recent years, which is considered the one of the most fascinating technical achievements of the human race of the last four decades of the 20th century. The many practical benefits from space technology play a central role for international development efforts.

In order to translate the recommendations of the United Nations Programme on Space Applications (UN-PSA) into an operational program, Beihang University has initiated the Doctoral program on Space Technology Applications (DOCSTA) especially for applicants from Asia-Pacific region since 2013.

**Note:** *The training plan of DOCSTA program will be same with other international Ph.D students at the Beihang University, in generally, to have less classroom training compare to Master students. The major tasks for DOCSTA participants are to do researches guided by supervisors. There is no separate and special training plan for DOCSTA program. **Duration of study will be 3 years in general.***

### Introduction to Beihang University

Beihang University (BUAA), formerly known as Beijing University of Aeronautics and Astronautics, was founded in 1952 and is China's first university of aerospace technology. Since the 1950s, BUAA has excelled as one of the 16 key state universities in China. Through more than 50 years of development, BUAA has grown into a science and technology university with aerospace features, combining disciplines in science, engineering, liberal arts, law, economics, management and education. There are currently 24,000 students enrolled in BUAA, including over 10,000 postgraduate students. Doctoral programs are available in 49 fields, Master programs in 144 fields and bachelor programs in 48 subjects.

The campus of BUAA is adjacent to the Zhongguancun High-Tech Park of Beijing and is known for its beautiful environment, convenient transportation and various facilities, some of which include an international student dormitory, gymnasiums, swimming pools and other sports facilities. The campus also has a bank, a post office, dining halls, and many other convenient services for the academic and daily lives of international students.

## Scholarship and Financial Support

In order to encourage applicants from the Member States of Asia-Pacific Space Cooperation Organization (APSCO), Beihang University and APSCO are jointly recruiting DOCSTA students on **Space Technology Applications** research direction in 2015. China Scholarship Council (CSC Scholarship) will provide total **8 (eight) full scholarship quotes** for the applicants recommended by APSCO. **The total duration of the study will be 3 years in general.**

### **The CSC scholarship will cover the following items:**

- ✧ Tuition fee for study period (in general 3 years) at the University;
- ✧ Free accommodation during study at the University (not including water and electricity costs, etc.);
- ✧ Living allowance during stay at the University (2000 RMB /per month or according to standard by CSC);
- ✧ Insurance fee only for accidents and hospitalization treatments, according to the standards of CSC.
- ✧ APSCO will reimburse the international round-trip air ticket costs for one time only.

## Application Qualifications

- ✧ The age limit of applicants is forty years by the deadline of application, but applicants those are below thirty-five years will be given higher preferences for selections;
- ✧ Should have some professional experiences of working in space technology industry or research institutes;
- ✧ Should have a Master Degree of relevant disciplines or diploma equivalent to Master Degree;
- ✧ Should have a research background in relevant areas;
- ✧ Should have good command of English and the ability to take courses in English;

## Application Procedures and Required Materials

Applicants should log onto the website <http://laihua.csc.edu.cn> and make **Registration** at first by giving his/her **Username, Password, Email etc.** Then Username and Password will be sent to them via **e-mail addresses provided**, and after getting it, applicants should fill out the **ONLINE** Application Form of China Scholarship Council (CSC). And from the system, please get a serial number online and print it out according to requirements, and submit it along with other required materials mentioned below from item No. 1-5. When you fill out the form, please notice that a specialty should be chosen as **“Space technology Applications”**, and a language of instructions should be chosen as **“English”**. Please also notice that the “Agency No.” of Beihang University is **10006**.

1. A Health Certificate, which bears seal/stamp of clinic or hospital, should be completed by a medical doctor after proper physical examinations. The Health Certificate is available at <http://is.buaa.edu.cn/English/MASTAIIndexEng.aspx>, and download link: [Foreigner Physical Examination Form](#).
2. Duplicated copies of a notarized diploma or certificate and notarized school-certificate transcripts of complete academic records.
3. Two letters of recommendation from teachers or experts at or above the level of associate professors in sealed envelopes.
4. 500-word essay about the participant’s motivation for applying to MASTA.
5. Checklist for the submitted application documents which includes: i. Duly filled and signed Chinese Government Scholarship (CSC) Application Form, ii. Properly endorsed Health Certificate, iii. Notarized Degree/Diploma certificate, transcripts of completed academic records, iv. Two Letters of Recommendation (in sealed envelope); v. 500-words Essay etc.

Note: *All the above mentioned materials should be provided **in English** or **with a translation in English**. 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 at APSCO** by the already set deadline (**March 15, 2015**). APSCO and BUAA 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 not later than **March 15, 2015**.
- ✧ The results of admission will be notified by **May 10, 2015**.
- ✧ The Admission Notice and related documents will be mailed to the successful applicants around **July 10, 2015**.
- ✧ The program will begin at the mid of **September 2015**.

## Contact Person & Methods

- ✧ Ms. Jessica Zhuang Jie, Staff-member, Department of Education and Training and Database Management, Asia-Pacific Space Cooperation Organization (APSCO)
- ✧ Mailing Address: Building 13 & 14, Section 3, No. 188, South West Fourth Ring, Fengtai District, Beijing 100070, China
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