



北京航空航天大学  
BEIHANG UNIVERSITY

## Doctoral 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.

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.

### 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).

### **Faculty and Partners**

The faculty for this program consist of professors, experts and senior engineers from Beihang University and some other institutes or academies from China and abroad. The core faculty has long 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.

### **Degrees**

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

### **Contact Information**

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