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.

International education at Beihang University (BUAA) was inaugurated in the early 1990s’ and has continued to develop at a very fast pace. By the end of 2011 over 1,000 international students were enrolled in programs at BUAA. Among them over 700 international students were studying for their doctoral, master, or bachelor degrees, and 400 were studying the Chinese language in the Chinese Training Center.

BUAA is one of the most famous universities in China, and is equipped with advanced laboratories and teaching facilities. Out of its 130 professional laboratories –35 are listed as state or ministry key laboratories. Doctoral programs are available in 49 fields, masters programs in 144 fields, and bachelor programs in 48 subjects.

BUAA is one of the few universities in China which uses English as its primary language of instruction for all international master and doctoral programs, as well as some of its bachelor programs. It has done this since the early 1990s. Since 1993, more than 5,000 students from over 80 countries have been enrolled in BUAA, including more than 800 doctoral and master candidates. Over 500 have
been awarded master or doctoral degrees.

The campus of BUAA is located in the west of Beijing, close to the thriving boutiques and cafes of Wudaokou, and the bright lights and big names of the capital’s own Silicon Valley: Zhongguancun. BUAA’s campus is known for its beautiful environment, tree-lined streets, and delightful Green Park, whose lake is filled with Lotus flowers in summer. Convenient transportation links, an international student dormitory, and excellent sporting facilities including gymnasiums, and an indoor swimming pool make BUAA’s campus a great place to be. There are also banks, a post office, dining halls, supermarkets and many other services for the complete convenience of the academic and daily lives of international students.

BUAA is qualified to admit all categories of international students, including those sponsored by the Chinese Government Scholarship. The Education Ministry of China has designated BUAA as one of the top 20 universities in China able to implement the Postgraduates Program, a full scholarship sponsored by Chinese Government. The Beihang Scholarship for international students was established in 2007 to encourage and support the coming of excellent international students to BUAA. Since that time hundreds of distinguished international students have been awarded the scholarship. International students who have successfully completed a bachelor program at BUAA are also eligible to study for a master’s degree here. These students are frequently recommended for the Beihang Scholarship. BUAA also actively carries out its student exchange program with famous European and Asian universities and accepts dozens of students annually from various countries.

**Degree Programs**

**Bachelor’s Degree (4 Years)**
1. Material Science and Engineering
2. Electronic Information Engineering
3. Traffic and Transportation Engineering (Aviation Information Engineering)
4. Automation
5. Flight Vehicle Propulsion Engineering
6. Flight Vehicle Design and Engineering (Aeronautics)
7. Computer Science and Technology
8. Mechanical Engineering and Automation
9. Information Management and Information System
10. Industrial Engineering
11. Logistics Management
12. International Economics and Trade
13. International Finance
14. Financial Engineering
15. Actuarial Science
16. Accounting
17. Business Management
18. Traffic and Transportation Engineering (Automobile Operation Engineering)
19. Civil Engineering
20. Flight Vehicle Design and Engineering (Astronautics)
21. Information Engineering (Instrumentation and Opto-electronics)
22. Environmental Engineering
23. Software Engineering
24. Economics
25. Administration Management

Master’s Degree (3 Years)/General Scholar (0.5 or 1 Years)

1. Finance (including Insurance) ※
2. International Trade ※
3. Law ※
4. English Language and Literature ※
5. Linguistics and Applied Linguistics in Foreign Languages ※
6. Mathematics ※
7. Physics ※
8. Chemistry ※
9. Chemistry and Physics of Polymers ※
10. General and Fundamental Mechanics ※
11. Solid Mechanics ※
12. Fluid Mechanics ※
14. Mechanical Manufacture and Automation ※
15. Mechatronic Engineering ※
16. Mechanical Design and Theory ※
17. Vehicle Engineering ※
18. Optical Engineering ※
19. Precision Instrument and Machinery ※
20. Measuring and Testing Technologies and Instruments ※
21. Materials Physics and Chemistry ※
22. Materialology ※
23. Materials Processing Engineering ※
24. Engineering Thermophysics ※
25. Thermal Power Engineering ※
26. Power Machinery and Engineering ※
27. Fluid Machinery and Engineering ※
28. Refrigeration and Cryogenic Engineering ※
29. Electric Machines and Electric Apparatus ※
30. Power Electronics and Power Drives ※
31. Physical Electronics ※
32. Circuits and Systems ※
33. Microelectronics and Solid State Electronics ※
34. Electromagnetic Field and Microwave Technology ※
35. Communications and Information Systems ※
36. Signal and Information Processing ※
37. Control Theory and Control Engineering ※
38. Detection Technology and Automatic Equipment ※
39. Pattern Recognition and Intelligent Systems ※
40. Navigation, Guidance and Control ※
41. Computer Architecture ※
42. Computer Software and Theory ※
43. Computer Applied Technology ※
44. Civil Engineering ※
45. Photogrammetry and Remote Sensing ※
46. Cartography and Geography Information Engineering ※
47. Applied Chemistry ※
48. Highway and Railway Engineering ※
49. Traffic Information Engineering and Control ※
50. Transportation Planning and Management ※
51. Vehicle Operation Engineering ※
52. Underwater Acoustics Engineering ※
53. Flight Vehicle Design ※
54. Aerospace Propulsion Theory and Engineering ※
55. Manufacture Engineering of Aerospace Vehicle ※
56. Man-Machine and Environmental Engineering ※
57. Environment Science and Technology ※
58. Biomedical Engineering ※
59. Management Science and Engineering ※
60. Business Management ※
61. Accounting ※
62. Corporate Management (including Financial Management, Marketing, and Human Resources Management) ※
63. Technology Economy and Management ※
64. Administration Management ※
65. Educational Economy and Management ※

Doctoral Degree (4 Years)/Senior Scholar (0.5 or 1Year)

1. Mathematics ※
2. Condensed Matter Physics ※
3. General and Fundamental Mechanics ※
4. Solid Mechanics ※
5. Fluid Mechanics ※
7. Mechanical Manufacture and Automation ※
8. Mechatronic Engineering ※
9. Mechanical Design and Theory ※
10. Vehicle Engineering ※
11. Optical Engineering ※
12. Precision Instrument and Machinery ※
13. Measuring and Testing Technologies and Instruments ※
14. Materials Physics and Chemistry ※
15. Materialogy ※
16. Materials Processing Engineering ※
17. Engineering Thermophysics ※
18. Thermal Power Engineering ※
19. Power Machinery and Engineering ※
20. Fluid Machinery and Engineering ※
21. Refrigeration and Cryogenic Engineering ※
22. Electric Machines and Electric Apparatus ※
23. Physical Electronics ※
24. Circuits and Systems ※
25. Microelectronics and Solid State Electronics ※
26. Electromagnetic Field and Microwave Technology ※
27. Communications and Information Systems ※
28. Signal and Information Processing ※
29. Control Theory and Control Engineering ※
30. Detection Technology and Automatic Equipment ※
31. Pattern Recognition and Intelligent Systems ※
32. Navigation, Guidance and Control ※
33. Computer Architecture ※
34. Computer Software and Theory ※
35. Computer Applied Technology ※
36. Highway and Railway Engineering ※
37. Traffic Information Engineering and Control ※
38. Transportation Planning and Management ※
39. Vehicle Operation Engineering ※
40. Flight Vehicle Design ※
41. Aerospace Propulsion Theory and Engineering ※
42. Manufacture Engineering of Aerospace Vehicle ※
43. Man-Machine and Environmental Engineering ※
44. Biomedical Engineering ※
45. Management Science and Engineering ※
46. Educational Economy and Management ※

Note: The programs marked with a “※” can be conducted in English

Estimated Cost of Self-financed International Student Studying in China (2012):

Registration fee: 400 RMB
Tuition fee: Bachelor's Degree 25,000RMB/Yr
Master's Degree 35,000RMB/Yr
Doctoral Degree 42,000RMB/Yr
Accommodation fee: 750-1500 RMB/Mth.
Insurance: 600RMB/Yr

Contacts

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