

## BECOME A SPECIALIST IN THE GERMAN FEDERAL STATE OF BREMEN

Do you want to work in a green city or experience maritime flair on a daily basis with a family-friendly atmosphere? Do you want to work with us on fascinating topics of the future? Then, become a part of our aeronautics and space innovation cluster!

### FURTHER QUESTIONS? CONTACTS

**Free Hanseatic City of Bremen**  
**Ministry of Economic Affairs, Labour and Europe**  
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## NATIONAL AND INTERNATIONAL STRONG NETWORKING PARTNER AVIASPACE BREMEN

AVIASPACE BREMEN e.V. is an association of dedicated companies and application-oriented research institutes in the federal state of the Free Hanseatic City of Bremen and the surrounding areas. More than 140 enterprises and 20 scientific institutes power the aeronautics and space industries in the German federal state of Bremen. More than 12,000 employees in the industry generate revenues of more than 4 billion euros per year. The network implements the aeronautics and space industries sector strategy of the German federal state of Bremen.

Our key areas are network formation, technology transfer, and economic growth through fostering young entrepreneurs and startups in particular. This includes both technical and organizational networking among final producers, suppliers and/or service providers and scientific institutions in the fields of materials science, high-lift systems, production technology, robotics and Earth observation.

We gladly provide you with all the relevant information on counselling and placement services, training and qualifications, employer branding and the compatibility of family and career within our network.



## LAUNCH YOUR CAREER

Our ministry is responsible for all matters related to economic affairs, labour, Europe, and international business policies of the German federal state of Bremen. This covers labour market design and labour market policy down to labour law. The ministry also controls and implements the European Social Fund (ESF). Labour and innovation policies continue to be successful with a close integration of labour policy structures for strategic planning.

Our strategy and programmes evolve around initial and continuing education as well as qualification. This includes the German federal state of Bremen's initiative to actively support apprenticeships with the so-called guaranteed training programme. The general focus is on innovative training and qualification.

In particular, the aeronautics and space sector in the German federal state of Bremen reported a shortage of skilled staff. Consequently, the qualification of professionals and executives is essential for the aeronautics and space industries. Therefore, our ministry specifically also targets promotion and training of young talents in this high-tech domain.

A handwritten signature in black ink, which appears to read "Kristina Vogt".

Minister Kristina Vogt

Ministry of Economic Affairs,  
Labour and Europe



## LAUNCH YOUR CAREER BREMEN – A PLACE TO WORK AND LIVE





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## WORLD LEADING PROFESSIONALS – QUALIFIED GRADUATES

The German federal state of Bremen is one of the leading industrial hubs for aeronautics and space industries and home to outstanding research institutes and universities. Topics cover electronics, robotics, instrumentation and manufacturing engineering, environmental and climate science, materials and control engineering. Consequently, the qualification of professionals and executives is essential for the aeronautics and space industries.

Some primary and high-schools run programmes that introduce already the sector to students at a very young age. At a later stage, programmes such as the „Skilled Workers Initiative” strengthen the entrepreneurial commitment in the recruitment of qualified personnel and promote the close integration of these talents in the labour market.

In the German federal state of Bremen, employers are able to connect with specialized graduates. All the graduates are well prepared for the challenges they will face. Future engineers of various disciplines study at both, the university and the universities of applied sciences of Bremen / Bremerhaven. Research at the universities is interdisciplinary, with collaborations across the individual departments.

This flyer gives an brief introduction the opportunities of the „aeronautics and space” innovation cluster and provides you with first contacts.

## AERONAUTICS AND SPACE DEGREE PROGRAMMES IN THE GERMAN FEDERAL STATE OF BREMEN

### CITY UNIVERSITY OF APPLIED SCIENCES

- Aeronautical Management MEng
- Aerospace Engineering BEng
- Aerospace Technologies MSc
- Aviation Systems Technology and Management for Airport Operation Engineers BEng
- Aviation Systems Technology and Management for Aviation Safety Engineers BEng
- Aviation Systems Technology and Management for Commercial Aircraft Pilots BEng
- Aviation Systems Technology and Management for Maintenance Engineers BEng
- Dual Degree Programme Mechanical- and Production Engineering BEng
- Electrical Engineering BEng
- Engineering and Management of Space Systems International Double Degree MSc
- International Degree Programme in Engineering and Applied Physics BSc

### UNIVERSITY OF BREMEN

- Environmental Physics MSc
- Production engineering — Mechanical and Process Engineering BSc/MSc
- Space Engineering MSc
- Space Sciences and Technologies — Sensing, Processing, Communication MSc
- Systems Engineering BSc/MSc
- Management and Electrical Engineering BSc/MSc
- Management and Production Engineering BSc/MSc

### JACOBS UNIVERSITY BREMEN

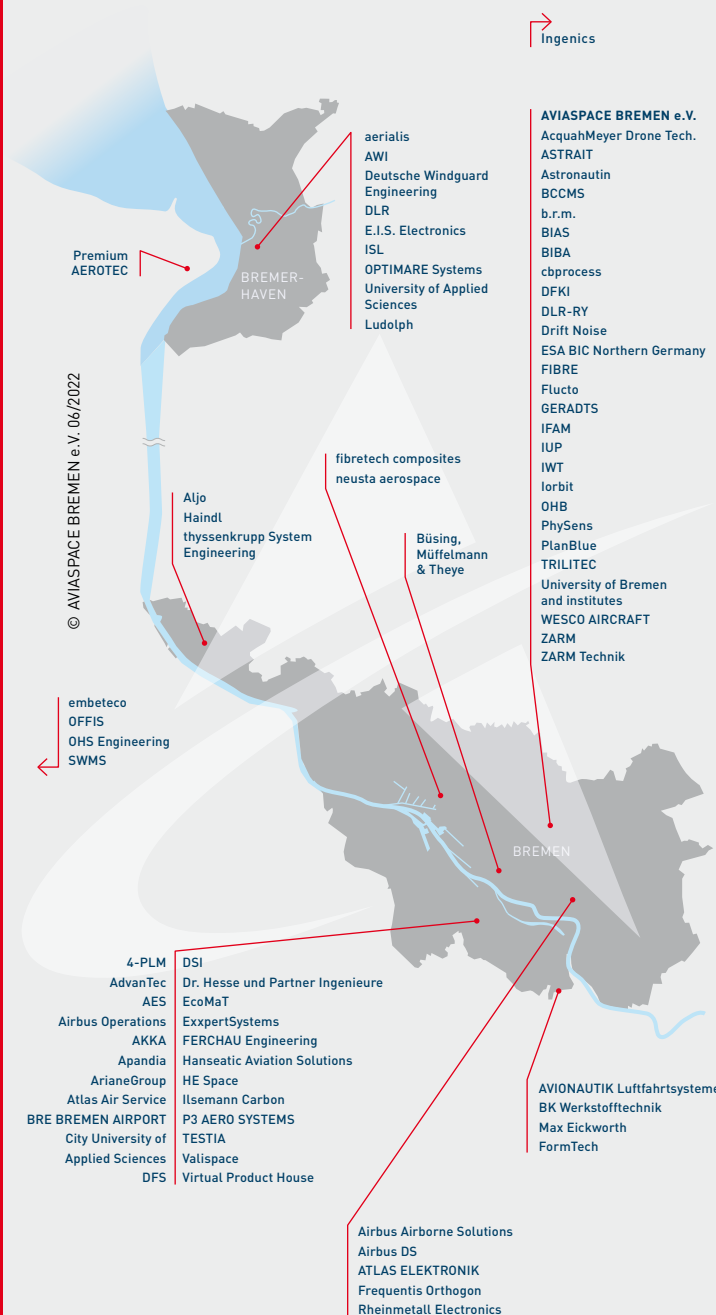
- Electrical and Computer Engineering BSc
- Industrial Engineering & Management BSc
- Supply Chain Engineering and Management MSc

### BREMERHAVEN UNIVERSITY OF APPLIED SCIENCES

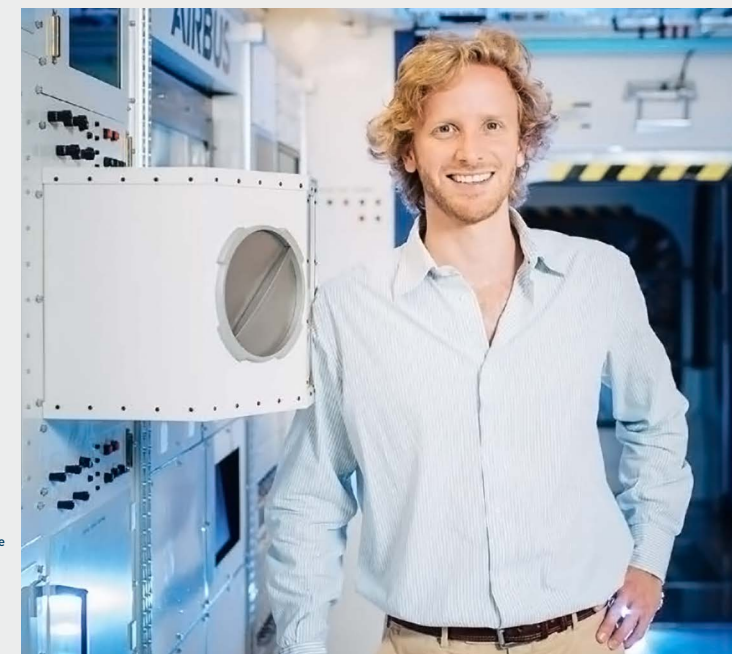
- Industrial Plant Engineering BSc
- Embedded Systems Design MSc
- Production Engineering BEng

## CITY OF AEROSPACE:

Actors of the aeronautics and space industries innovation cluster of the German federal state of Bremen



At the DLR Institute of Space Systems, Paul Zabel is researching how plants can be grown in space.



Daniel Pika works at ArianeGroup, developing rocket propulsion systems.