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# BACHELOR (B.A.) AVIATION MANAGEMENT

4 billion airline tickets, over 60 million tons of freight and more than 90 billion jobs worldwide. The aviation industry is a small cosmos in itself – and your Aviation Management programme is the gateway to this exciting world. By pursuing a bachelor's degree in Aviation Management at IU International University of Applied Science you will get to know the basics of business administration and acquire academic and industry-specific methodological skills needed to become an industry leader.

The electives give you the opportunity to devote yourself to the topics that particularly appeal to you personally. For example, you can specialize in topics such as “Urban Air Mobility”, “Sustainability and Environment in Aviation” and “Innovation and Digitalization in Aviation” and many more.



#### Degree

Bachelor of Arts (B.A.)



#### Duration

36, 48, or 72 months



#### Study start

Anytime



#### Credits

180 ECTS



#### Study model and accreditation

- Online studies
- German accredited institution, recognised by ZFU (German Central Office for Distance Learning)

## Study Content (180 ECTS)

| MODULE TITLE   | SEMESTER | CREDITS (ECTS) | TEST TYPE |
|--|----------|----------------|-----------|
| <b>Academic Integrity and Writing for Business</b>         | <b>1</b> | 5 ECTS         | WAWA      |
| <b>Introduction to Academic Work</b>                       |          | 5 ECTS         | BWB       |
| <b>Introduction to Aviation Management</b>                 |          | 5 ECTS         | E         |
| <b>Business 101</b>  |          | 5 ECTS         | E/WAWA    |
| <b>Modern Aviation Transport Modes</b>                     |          | 5 ECTS         | E         |
| <b>Managerial Economics</b>                                |          | 5 ECTS         | E         |
| <b>Principles of Management</b>                            | <b>2</b> | 5 ECTS         | WACS      |
| <b>Collaborative Work</b>                                  |          | 5 ECTS         | OA        |
| <b>Aviation Policy, Institutions and Regulations</b>       |          | 5 ECTS         | E/AWB     |
| <b>Management Accounting</b>                               |          | 5 ECTS         | E/WAWA    |
| <b>Aircraft Performance and Evaluation</b>                 |          | 5 ECTS         | E         |
| <b>Organizational Behaviour</b>                            |          | 5 ECTS         | WACS      |
| <b>Airport Management and Ground Services</b>              | <b>3</b> | 5 ECTS         | E/WACS    |
| <b>Corporate Finance and Investment</b>                    |          | 5 ECTS         | WAWA      |
| <b>Digital Skills</b>                                      |          | 5 ECTS         | AWB       |
| <b>International Marketing</b>                             |          | 5 ECTS         | E         |
| <b>Airline and Air Cargo Management</b>                    |          | 5 ECTS         | E/AWB     |
| <b>Statistics – Probability and Descriptive Statistics</b> |          | 5 ECTS         | E         |
| <b>Global Sourcing</b>                                     | <b>4</b> | 5 ECTS         | E         |
| <b>International Contract Management</b>                   |          | 5 ECTS         | E         |
| <b>Aviation Business Intelligence</b>                      |          | 5 ECTS         | E/AWB     |
| <b>Agile Project Management</b>                            |          | 5 ECTS         | WAPR      |
| <b>Network Planning and Yield Management</b>               |          | 5 ECTS         | E/CS      |
| <b>Global Corporations and Globalization</b>               |          | 5 ECTS         | E         |
| <b>Digital Business Models</b>                             | <b>5</b> | 5 ECTS         | E/AWB     |
| <b>Seminar: Current Issues in Aviation Management</b>      |          | 5 ECTS         | WARE      |
| <b>Simulation: Airline Management</b>                      |          | 5 ECTS         | PP        |
| <b>Intercultural and Ethical Decision-Making</b>           |          | 5 ECTS         | WACS      |
| <b>Elective A</b>  | <b>6</b> | 10 ECTS        |           |
| <b>Elective B</b>  |          | 10 ECTS        |           |
| <b>Elective C</b>  |          | 10 ECTS        |           |
| <b>Bachelor Thesis</b>                                     |          | 10 ECTS        | T & CO    |

## CHOOSE YOUR ELECTIVES

### Choose one elective from “Electives A” list\*:

- Aviation Entrepreneurship
- Human Factors and Safety Management in Aviation
- Innovation and Digitalization in Aviation
- Sustainability and Environment in Aviation
- Urban Air Mobility

### Choose one elective from “Electives B” list\*:

- Aviation Entrepreneurship
- Human Factors and Safety Management in Aviation
- Innovation and Digitalization in Aviation
- Sustainability and Environment in Aviation
- Urban Air Mobility

### Choose one elective from “Electives C” list\*:

- Applied Sales
- Aviation Entrepreneurship
- Big Data and Data Protection
- Business Ethics and Sustainability
- Business Intelligence
- Digital Product Development
- Human Factors and Safety Management in Aviation
- Innovation and Digitalization in Aviation
- Innovative Technologies and Sustainability
- Intercultural Psychology and CRM
- International Brand Management and Corporate Communication
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing
- Organizational Development and Change Management
- Supply Chain Management
- Sustainability and Environment in Aviation
- Urban Air Mobility
- Working environment 4.0

## ELECTIVES

In addition, three electives (each 10 ECTS) can be chosen. The first two electives relate to individual sectors within the aviation industry. For the third elective, a broader selection of electives with additional options in general management is available.

For example, you can choose the following electives: Urban Air Mobility, Sustainability and Environment in Aviation and Innovation and Digitalization in Aviation, Online and Social Media Marketing, Applied Sales and much more.

## CAREER OUTLOOK

After your studies at IU, you have the best chances to gain a foothold in the aviation industry. You can start your professional career with airlines, air freight companies, airports or aircraft and component manufacturers. Organizations and aviation safety authorities such as the European Union Aviation Safety Agency (EASA) and a variety of institutions with aviation-related activities also need your skills for their management teams. Airline or Air Cargo Flight Operations Manager, Ground Operations Manager, and Network Planning Manager are just a small selection of the positions that you could fill in the future.



# ADMISSION

We try to keep admission as simple as possible at IU. To successfully enrol, there are just a few requirements we need you to prove.

## ADMISSION REQUIREMENTS

- Higher Secondary School Leaving Certificate such as A-Levels or IB Diploma and your transcript of records.
- A subject-related higher education entrance qualification.

Depending on your qualifications, you might have to meet additional requirements, such as successfully passing a university entrance examination or one of the following programmes to make sure you are ready to study with us:

- Bachelor Entrance Examination (included in Scholarship Program)
- Pathway Programme

Please get in touch with our Study Advisory Team to find out the exact requirements applicable for your application.

## SCHOLARSHIP PROGRAMME

Start in our Scholarship Programme as a participant with immediate access to 50% of your courses. You can do this by taking our Entrance Examination which will be included in your course as part of the Scholarship Programme. Once admission and the courses are completed, you can finish your degree.

**Questions?** Speak to your study advisor, they will guide you through every step of the process.

## PROOF OF ENGLISH LANGUAGE SKILLS

We therefore ask for proof of your English language skills\*. If English is your native language or you graduated from an English-speaking school/university, you don't need to prove your English skills.

Accepted certifications:

- English Courses (complimentary when signing up with IU)\*\*
- TOEFL (min. 80 points) or
- IELTS (min. Level 6.0 out of 9 points) or
- Duolingo English test (min. 95 points) or
- Cambridge Certificate (min. B grade overall) or
- Equivalent proof

\*Proof must be provided before the start of the study and must not be older than five years.

\*\*Please note that English Courses aren't accepted as a language certificate for on campus study programmes.

# 8 STEPS TO COMPLETE YOUR STUDIES

1

Register and apply online

2

Choose your course

3

Download your study scripts

4

Work independently with study scripts

5

Take part in Q&A sessions

6

Prepare for exams and take them either:  
- directly online, or  
- at an IU examination centre (remember to register in time).

7

Bachelor thesis and colloquium

8

Complete your studies with certificate