



# Master your talents

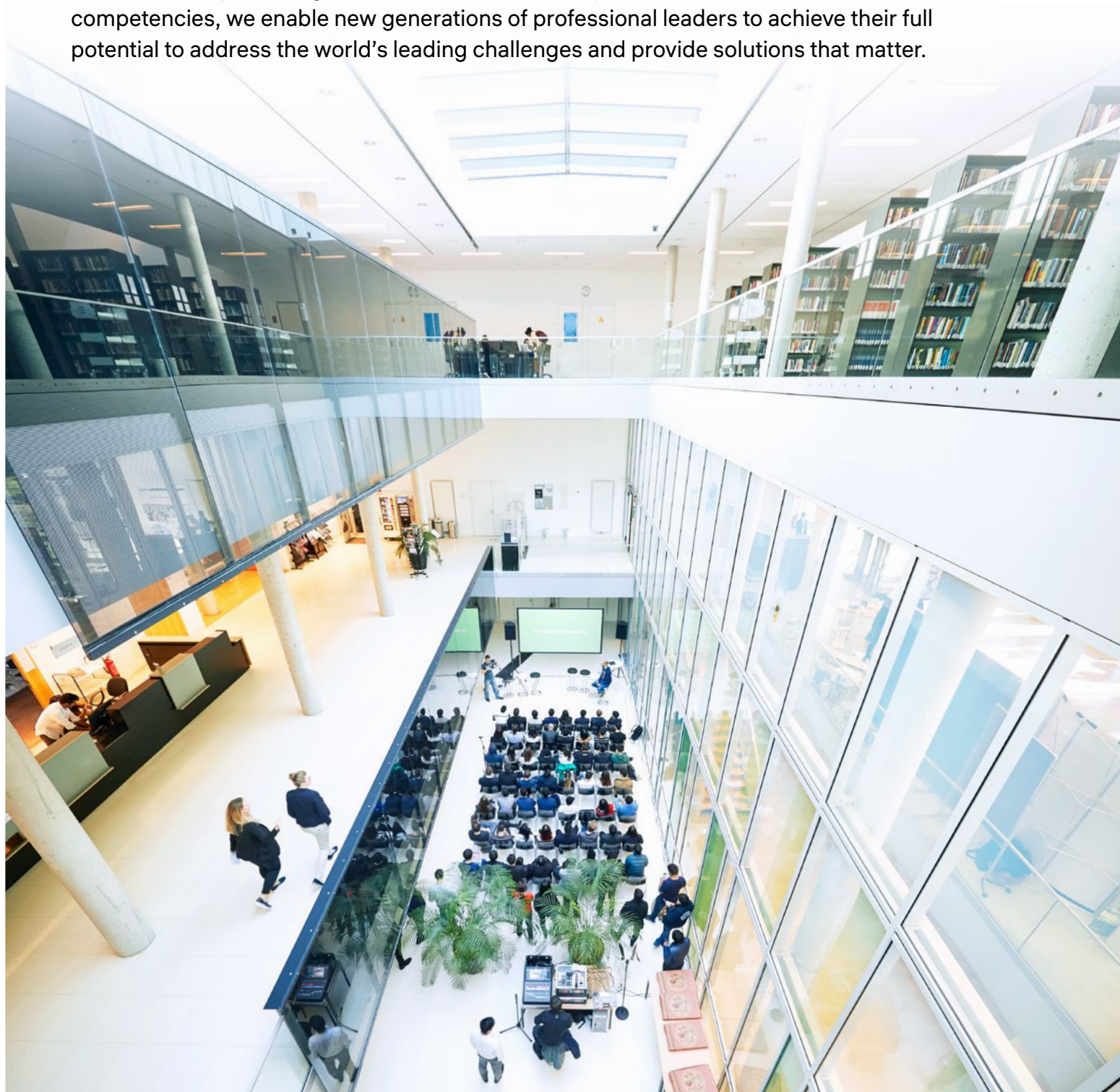


**Graduate  
programs**



# Welcome to Constructor University!

Constructor University is a top-ranked private, English-speaking university with the highest academic standards in research and teaching. We offer interdisciplinary accredited master's degree programs on our campus in Bremen, Germany, and at our institute in Schaffhausen, Switzerland. By teaching core skills, interdisciplinary know-how, and intercultural competencies, we enable new generations of professional leaders to achieve their full potential to address the world's leading challenges and provide solutions that matter.





# Data Engineering MSc



## Explore the world of Big Data

Big Data is driving the next stage of technological innovation and scientific discovery. On the other hand, the global volume of data is growing at a pace that seems hard to control. Faced with these prospects and risks, the world requires a new generation of data specialists. Data engineering provides you with up-to-date knowledge and cutting-edge computational tools. Data engineering has everything that it takes to master the era of Big Data.



**“Jacobs University [now: Constructor University] is a fantastic place. The internationality of staff and students makes me improve myself. This is a degree with a promising future – whether in industry or research. The professors are eager to help me. They are really excited and committed to share their knowledge.”**

**Moises, Mexico**

### Program features

The two-year program offers a fascinating and profound insight into the foundations, methods, and technologies of Big Data. Students take a tailor-made curriculum in line with their interests and needs. The Data Engineering graduate program incorporates a mixture of foundational lectures, specialized courses, industry seminars and applied project work, leading to a master’s thesis that will usually be conducted in close collaboration with an industry partner or even at a company site.

### Core components and areas of specialization include:

- The Big Data Challenge
- Data Acquisition Technologies
- Big Data Management
- Machine Learning
- Semantic Web and Internet of Things
- Statistical Modeling and Predictive Analytics
- Visual Data Analytics
- Internet Security and Privacy
- Legal Aspects of Data Engineering and Data Ethics
- Document and Image Analysis
- Mathematical Finance
- Geo Information Systems
- Modeling and Simulation in Supply Chain Management
- Localization
- Information Theory and Coding

› [constructor.university/data-engineering](https://constructor.university/data-engineering)

**Apply now!**







# Supply Chain Management MSc



## Become a manager of globalization

Do you sometimes wonder what a smartphone consists of? How many people in how many places contributed to building it? And how it finally got into your hands? The ability to manage global supply chains is fundamental to success in the global economy. Graduates' career chances are with significant players in industries like automotive, machinery, precision equipment, aerospace, heavy automotive, software, and technology.



**“Learning in small groups makes a great working environment that enables engaging discussions. The program showed me that logistics is everywhere. And Germany has a great environment for internships.”**

**Oliver, USA**

### Program features

The two-year MSc program trains you for the growing field of design and management of supply chains. The program is aimed at students with an already completed first-degree or equivalent training in logistics, economics, engineering, or information technology, and for those who can prove a special affinity for the topic. The successful completion of the studies leads to earning an internationally acknowledged Master of Science (MSc) degree and enables a quick career entry in the area of

› [constructor.university/scm](https://constructor.university/scm)

Supply Chain Management in a national or international context. In a business world marked more and more by globalization, complexity, and flexibility, the curriculum aims to teach modern leadership and management competencies from the base of intercultural competence. You will discuss human resource management, project management, and career planning throughout all semesters. It is strongly recommended to complete a three-months internship between semesters two and three to practice and increase your acquired knowledge and abilities.

### Core components include:

- Transportation and Logistics
- Leadership and Strategic Management
- Modeling and Simulation
- Advanced Business Mathematics
- International Purchasing and Business
- Business Continuity Management

**Apply now!**





# Data Science for Society and Business MSc



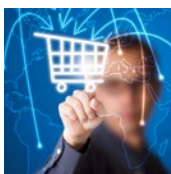
## Tackle the challenges of digital societies

The multidisciplinary program is designed for students with a background in the social sciences. Choosing from three elective tracks, graduates gain cutting-edge competences to solve the pressing challenges of digital societies. DSSB graduates are best prepared for quickly growing global, professional, and academic career options.

### Truly multidisciplinary – applications across industries:

#### › Business

The DSSB program imparts extensive digital knowledge for students who are interested in business. With the expertise in business analytics, business management, and predictive modeling, graduates drive organizational change and optimization by understanding the target groups, their needs and predicting behaviors and trends to optimize businesses and create sustainable ideas for the future.



#### › Social sciences

Students with interests in economics, media, political, and other social sciences learn to analyze and understand unstructured heterogeneous data about human interaction with the help of artificial intelligence, machine learning, and statistics. Insights about how social life unfolds, how networks grow, or how social dynamics emerge can be used to decode and predict social behavior, opinion formation, and economic trends.



#### › Health and environment

For students who want to focus on health or environmental problems, our master's program offers a wide range of tools and methods to collect, evaluate, and understand digital health and planetary data. With the aim of making the world a better place, this knowledge can be used to illustrate the occurrence of certain diseases, predict their chances of cure, detect environmental threats, and monitor the success of countermeasures.



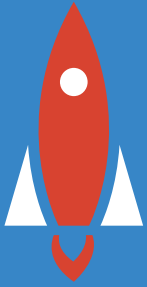
› [constructor.university/dssb](https://constructor.university/dssb)

Apply now!





# Career services



The Career Services Center accompanies students through all stages of their career development in order to enable them to achieve their professional goals. The Career Services Center organizes career fairs, company recruiting events, as well as training on project management, business communication, job interview skills, and more.

› [constructor.university/career-services](https://constructor.university/career-services)

## › Counseling

- Career orientation
- Application check

## › Training

- Mock interviews
- Career skills
- Online tutorials & CV tool

## › Experience

- Internship program
- Job portal

## › Networking

- Various employer career events
- Annual Career Fair
- Alumni community



## Excellent career prospects



Graduates of Constructor University follow a variety of professional and academic career paths all over the world. They benefit from an education that enables new generations of professional leaders to apply leading-edge knowledge and mature personal skills to address the main challenges of the world and provide solutions that matter.

The university is part of the Constructor ecosystem: a global science, education, and technology institution with capacities in research, funding, and incubation. It is a gateway to an extended job network among research, education, and industry partners. Many students successfully started their own businesses or pursued research careers at some of the world's most prestigious universities and institutes.



### Top 10 employers of our alumni

Google / Microsoft  
Roche / KPMG  
Accenture  
Daimler  
Barry Callebaut  
SAP / Amazon  
McKinsey

### Career preparation

A core emphasis of the programs is placed upon supporting the participants' personal development in terms of soft skills and language skills. To account for the diversity in the student body and their tendency to work in Germany, we train students in (German) language proficiency and convey country-specific information to best prepare them for the national as well as the international job market.

**"The university has very strong relationships with the industry. The professors are very well networked. They helped me to get a position with one of the local firms.**

Siclesile, Zimbabwe

# Financing options

Constructor University offers students personalized financing for tuition in the form of scholarships, and/or tuition deferral. Education is a substantial investment in your future, and we strive to make it an affordable reality for students worldwide. Graduating from Constructor University will form the perfect foundation for your future career as a young professional leader.

› [constructor.university/financing-graduate](https://constructor.university/financing-graduate)



## › Scholarships

All students are considered for an academic achievement scholarship up to € 8,000 based on their bachelor grade point average.

- The number of these scholarships is not limited, and no separate application is required.
- Students are informed about their scholarship amount immediately following admission.
- EU students are eligible for a minimum guaranteed scholarship of € 4,000.



## › Tuition Deferral

All admitted students are automatically offered the option of tuition deferral, regardless of financial circumstances. The amount each student is allowed to defer is calculated upon admission. This optional program is offered in cooperation with our partner, Brain Capital.

- Repayment doesn't begin until a predefined minimum income is reached.
- A percentage of the income is paid for a limited period of time.
- If the income is lower than the defined minimum income level, repayment is deferred.

# How to apply

**Apply online via: [constructor.university/apply-graduate](https://constructor.university/apply-graduate)**

You will need to provide the following documents:

- Letter of motivation
- Curriculum vitae (CV)
- University transcript in English or German
- Bachelor's degree certificate or equivalent
- Two letters of recommendation (upon request)
- English language proficiency test with a minimum score of 90 (TOEFL), 6.5 (IELTS) or 110 (Duolingo)

› [constructor.university/apply-graduate](https://constructor.university/apply-graduate)

## Application Deadlines for graduate programs

### Rolling admission

**June 1** – Students who require a visa (visa support provided by university!)

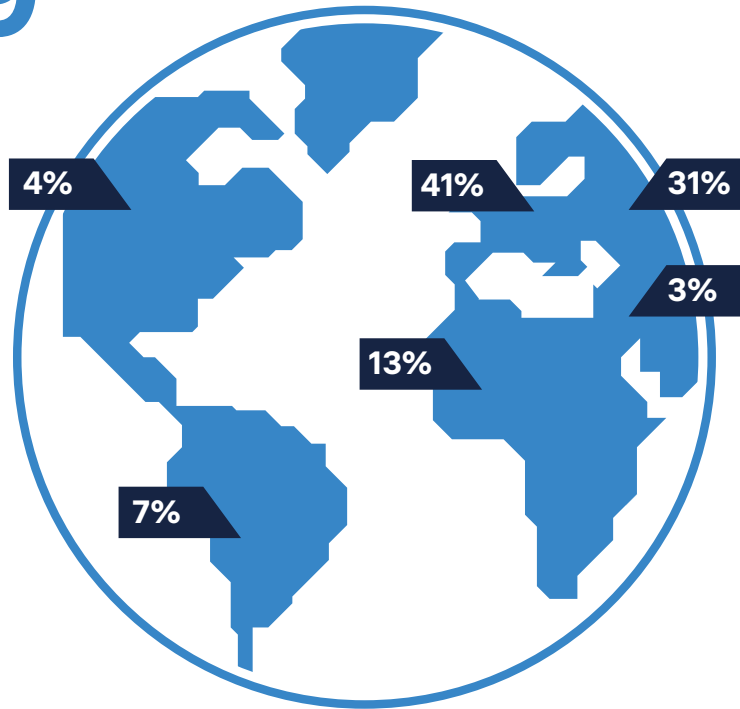
**July 15** – EU students / students who do not require a visa

**1,829**

Students from

**119**

Countries



Europe **41%**  
(Germany **12%**)  
Asia **31%**  
Africa **13%**  
North America **4%**  
South America **7%**  
Middle East **3%**

More than

**70%**

of bachelor students receive an academic achievement scholarship



**88**

student clubs & societies



**4**

residential colleges + off campus housing



**90%**

of alumni found their first job within one year of graduation

1 in 2 received a job offer within

**3**

months of graduation



**82%**

of our graduates received their first job offer in Europe or North America



Constructor University Bremen gGmbH  
Campus Ring 1 · 28759 Bremen · Germany  
Phone: +49 421 200-4200  
graduateadmission@constructor.university  
[constructor.university/graduate](http://constructor.university/graduate)

**Get in touch!**   



**Top 25%**

Constructor University ranks among the top 25% of universities worldwide

**#1**

Private university in Germany

**#1**

University with the most international outlook in Germany

**#3**

Young university in teaching in Germany

**#5**

Young university in Germany

**#13**

Small university worldwide

