

IU International



STUDY YOUR WAY

iu.org

iu

INTERNATIONAL
UNIVERSITY OF
APPLIED SCIENCES



Reasons for IU

WHY STUDY WITH US?

01

MAXIMUM FLEXIBILITY

- Study online
- Balance studying with daily life

02

WE SUPPORT YOU

- 24/7 online support
- Competitive scholarships
- Simpler admission processes
- Online forums & chats

03

YOUR CAREER IN FOCUS

- Practical study content
- Career services & support
- Experienced professors
- Top name industry partners
- Boosted career prospects

04

BROADENING YOUR HORIZONS

- English study content
- International student community
- Large alumni network

05

ACCREDITATIONS & AWARDS

- No fixed exam periods
- Online exams
- Online seminars
- Get in touch with fellow students and tutors

01

MAXIMUM

FLEXIBILITY

Study online

STUDIES IN THE COMFORT OF HOME

True to our international approach and digital core, we provide study programmes that are fully online to help you study when and where it is most convenient. Our digital, user-friendly learning materials and online support services give you the student experience with added flexibility to make studying suit your schedule. Wherever you are, you can gain an accredited and recognised degree while keeping up with work or family commitments.

All our online degrees are taught using digital, user-friendly learning materials and we provide many podcasts and eBooks for learning on the go. You can chat online with fellow students and your professors and access our online library for reading material.

- Learn on-the-go with podcasts and eBooks
- Chat online and receive remote coaching
- Take exams in a more relaxed environment
- Don't worry about visas, accommodation, or travel expenses
- Study alongside work and family commitments
- Demonstrate motivation and self-discipline to future employers

02

WE SUPPORT YOU

Student office

We want you to feel comfortable and prepared during your studies to ensure you graduate successfully and head straight into a great career. Your Student Office helps you find the support and services you need. Plus, the International Office is the first point of contact for incoming or exchange students. Whether you're moving to our campus in Germany to study or joining an exchange programmes at a partner university, the team can provide you with information and support in finding the right documentation or contacts.

Connected, even from far away

Exchange ideas on study content on our online campus in chats and forums, work together using study wikis, or organise group work using our tools. Access all you need in your online learning environment and contact your professors over chat to schedule appointments. And, contact the Student Office and our team whenever you need support for your studies or personal advice.

Support That's Individual to You

We support you in a range of ways, from scholarships to academic support in online learning, as well as career services. We're here to ensure every student feels comfortable and can fulfil their potential.

03

YOUR CAREER IN FOCUS

BUILDING YOUR CAREER

We know that employability after graduation is very important to our students. Our international Career Office assists students in reaching their career goals. In fact, 94% of our graduates start careers within six months of graduating. Through individual consultations, workshops, networking opportunities and access to our exclusive job database, we will support you in finding a great position after graduation.

INVEST IN YOUR FUTURE

94% of our graduates have a job within six months of graduation.

75% of our graduates work in an international environment.

80% of our graduates move into a management position within two years.

CAREER OFFICE

The corporate world is looking for globally oriented professionals and motivated graduates. Take advantage of our excellent reputation in academia, extensive partner network, and individual support to build a successful career. Our team of professional advisors and educators support you with your search for internships, job placements, and events. We organise company presentations on campus, carry out applicant training and interview coaching, review your applications, and offer you advice to ensure you have every chance to boost your career.

Our professors have a minimum of 5 years' industry experience and help you develop practical and relevant skills.

04

BROADENING YOUR HORIZONS

BUILD YOUR INTERNATIONAL NETWORK

We're proud to have an ever-expanding community of international students and alumni, a network of 6,000 partner institutions, and 650+ Professors, lecturers & employees. We continue to grow and grow, and as we do your network grows, too. You can lean on our large community during your studies for extra support and advice and make long-lasting connections that could turn into to profitable career partners for your future.

All programmes taught in English—the international business language

All studying content and teaching at is in English, widely recognised as the international business language. This can help boost your career prospects internationally once you graduate.

05

OUR ACCREDITATIONS

ENSURE OUR QUALITY

We offer high quality study programmes with career relevant content and a practical approach. Our study programmes, both online or on campus, have received multiple accreditations and awards, and IU is one of the top institutions on the CHE university ranking.

Build your international network

Our programmes are recommended by 60,000+ students, including students and alumni that work at:



Lufthansa

facebook

Allianz



HYATT



**BNP PARIBAS
REAL ESTATE**

accenture

Panasonic



McKinsey & Company

6,000+

business partners

98%

recommendation
rate

110+

countries represented

85,000+

students

WHY IU?

OUR STUDENTS ARE OUR SUCCESS. HEAR FROM THEM.

See how studying at IU International University of Applied Sciences has helped our students and alumni get to where they want to be. Each of our graduates is one more reason we're proud to provide accessible, flexible, and practical higher education internationally.



“The international perspective that I developed during my studies at IU helps me tremendously in my everyday professional life. During my master’s degree programme I learned how international companies work strategically and how they operate locally. Every country, every market, every target group is different and requires a specific marketing and communication strategy. Studying at IU provides an opportunity to develop the ability to work with people from different cultures. In addition, the marketing curriculum in particular covers a wide range of subjects, but at the same time goes into depth and combines theory with practice. IU has excellent professors who really make the university as great as it is.”

Nienke Baas

“An MBA is one of the most prestigious qualifications and opens up career opportunities worldwide. In my search to find the right university, IU met all the criteria that were important to me. I also liked the fact that Berlin is a very international city and is currently evolving into being the hub of Europe’s start-up scene. What I learned during my studies at IU helps me a lot: Thanks to its international orientation, I became familiar with many cultures and this is very useful in my daily work. However, the most important advantage for me is that you can participate in IU events and establish an excellent network. My career proves it: networking is the key to success!”



Sandip Modha

Read more success stories from students on iu.org/why-iu/success-stories



IU International

BACHELOR (B.A.) BUSINESS ADMINISTRATION

Bachelor of Business Administration students are in high demand in companies of all sizes, from start-ups to globally operating large companies or even social, cultural or public institutions. While many graduates go on to complete a master's or MBA, the skills learned during your studies in business administration are the perfect foundation to start a career running, optimising, or innovating businesses across the world.

With IU's Bachelor of Business Administration you'll gain key expertise in managing organisations, finances, the supply chain and more, as well as strengthening your leadership and decision making. With this degree in hand, you'll demonstrate to employers that you have the analytical mindset, communicative abilities, and managerial capabilities to drive their company success. Want to start a project of your own? This degree is the ideal foundation for the next generation of entrepreneurs and business makers.

**Degree**

Bachelor of Arts (B.A.)

**Fees**

From €75 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Business Mathematics		5 ECTS	E
Oct/Nov/Dec	Organizational Behavior		5 ECTS	WACS
Oct/Nov/Dec	Management Accounting		5 ECTS	E/WAWA
Jan/Feb/Mar	Supply Chain Management I		5 ECTS	E
Jan/Feb/Mar	International Marketing		5 ECTS	E
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
		2		
Apr/May/Jun	Academic Integrity and Writing for Business		5 ECTS	WAWA
Apr/May/Jun	Business 101		5 ECTS	E/WAWA
Apr/May/Jun	Managerial Economics		5 ECTS	E
Jun/Jul/Aug	Introduction to Academic Work		5 ECTS	WB
Jun/Jul/Aug	Principles of Management		5 ECTS	WACS
Jun/Jul/Aug	Global Corporations and Globalization		5 ECTS	E
		3		
Oct/Nov/Dec	Entrepreneurship and Innovation		5 ECTS	WAWA
Oct/Nov/Dec	Service Operations Management		5 ECTS	WAWA
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
Jan/Feb/Mar	International Brand Management		5 ECTS	E
Jan/Feb/Mar	Leadership 4.0		5 ECTS	E
		4		
Apr/May/Jun	Sustainability		5 ECTS	E/WACS
Apr/May/Jun	International HR Management		5 ECTS	WACS
Apr/May/Jun	International Accounting		5 ECTS	E
Jun/Jul/Aug	Corporate Finance and Investment		5 ECTS	WAWA
Jun/Jul/Aug	Research Methods		5 ECTS	WAWA
Jun/Jul/Aug	Corporate Governance and Strategy		5 ECTS	WACS
		5		
Oct/Nov/Dec	Digital Business Models		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	WAPR
Oct/Nov/Dec	Seminar: Current Issues in International Management		5 ECTS	WARE
Jan/Feb/Mar	Supply Chain Management II		5 ECTS	E
Online	Elective A		10 ECTS	
		6		
Online	Electives B & C		20 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Electives A:

- Applied Sales
- Business Intelligence
- Financial Services Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing

Electives B:

- Fundamentals of Operations Research
- Introduction to Data Science and Programming with Python
- IT Service Management
- Smart Factory

Electives C:

- Applied Sales
- Business Intelligence
- Financial Services Management
- Foreign Language: French, German, Italian, Spanish
- Fundamentals of Operations Research
- Introduction to Data Science and Programming with Python
- IT Service Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing
- Smart Factory

Choose one specialisation from each block.

WHAT YOU'LL LEARN

- Gain key expertise in managing organisations, finances, the supply chain and more.
- Strengthen your leadership and decision making.
- Develop the analytical mindset, communicative abilities, and managerial capabilities to drive a company success.

CAREER

Bachelor of Business Administration students are in high demand in companies of all sizes, from start-ups to globally operating large companies or even social, cultural or public institutions. The skills learned during your studies in business administration are the perfect foundation to start a career running, optimising, or innovating businesses across the world.



IU International

BACHELOR (B.A.) DIGITAL BUSINESS

Digital disruption is transforming business models all over the world. Social commerce, smart solutions, innovative supply chains—these ever-expanding trends require an agile approach and excellent knowledge for management. More and more, companies require forward-thinking business minds and talented employees to drive long-term success in the digital economy.

With a degree in Digital Business, you'll learn to optimise processes for companies large or small with sustainability in mind. You'll understand how to harness the power of digital transformation, social networks, and consumer data to adapt to rapidly changing markets. This degree has a strong practical focus, enabling you to apply what you have learned to confidently to manage effectively and lead businesses to success throughout your career.

**Degree**

Bachelor of Arts (B.A.)

**Duration**

36 months

**Study start**

Official start date: 1st October 2021.
Afterwards: Anytime*

**Credits**

180 ECTS

**Study model**

Online

**Fees**

From €75 per month

Study Content

MODULE TITLE	SEMESTER	ECTS
Business 101	1	5 ECTS
Digital Future Commerce		5 ECTS
Introduction to Academic Work		5 ECTS
Introduction to the Internet of Things		5 ECTS
Managerial Economics		5 ECTS
Software Engineering Principles		5 ECTS
Accounting and Balancing	2	5 ECTS
Digital Business Models		5 ECTS
Intercultural and Ethical Decision-Making		5 ECTS
International Marketing		5 ECTS
Requirements Engineering		5 ECTS
Introduction to Data Protection and IT Security		5 ECTS
Statistics — Probability and Descriptive Statistics	3	5 ECTS
Collaborative Work		5 ECTS
Management Accounting		5 ECTS
Database Modelling and Database Systems		5 ECTS
Online Marketing		5 ECTS
Agile Project Management		5 ECTS
Mathematics I	4	5 ECTS
Data Analytics and Big Data		5 ECTS
Statistical Computing		5 ECTS
Deep Learning		5 ECTS
Business Intelligence		5 ECTS
Project: Business Intelligence		5 ECTS
Product Development in Industry 4.0	5	5 ECTS
Seminar in Current Topics in Digitalisation		5 ECTS
Corporate Finance and Investment		5 ECTS
Project: Design Thinking		5 ECTS
Project: Smart Product Solutions		5 ECTS
Change Management		5 ECTS
Elective	6	10 ECTS
Leadership 4.0		5 ECTS
Entrepreneurship and Innovation		5 ECTS
Bachelor Thesis & Colloquium		10 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective out of the following list:

- Applied Sales
- Big Data and Cloud Technologies
- Business Ethics and Sustainability
- Financial Services Management
- Foundations of Programming with Python
- Innovative Technologies and Sustainability
- IT project and architecture management
- IT Security
- IT Service Management
- Managing People and Fundamentals of Business Psychology
- Smart Mobility
- Smart Services
- Supply Chain Management
- Sustainable Entrepreneurship



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BACHELOR (B.A.) ENTREPRENEURSHIP

If you're someone with an innovative spirit and the motivation to push forward your own ideas, our Bachelor's degree in Entrepreneurship is right for you. Whether you want to realise your visions in your own start-up or be the change maker in a large corporation, this programme gives you the business management basics, methods and applications, and necessary entrepreneurial mind set to disrupt and innovate with instinct. In the first semester, you'll start right away on entrepreneurial projects with practical relevance that will run throughout your studies. You will be prepared to develop business ideas independently and to implement them successfully with enthusiasm, confidence, and sustainable thinking.

**Degree**

Bachelor of Arts (B.A.)

**Fees**

€75 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Business 101		5 ECTS	E/WAWA
Oct/Nov/Dec	Introduction to Academic Work		5 ECTS	BWB
Oct/Nov/Dec	International Contract Management		5 ECTS	E
Jan/Feb/Mar	International Marketing		5 ECTS	E
Jan/Feb/Mar	Introduction to User Research		5 ECTS	E
Jan/Feb/Mar	Start-Up Financing		5 ECTS	E
		2		
Apr/May	Agile Project Management		5 ECTS	WAPR
Apr/May	Applied Sales I		5 ECTS	E
Apr/May	Management Accounting		5 ECTS	E/WAWA
Jul/Aug	Collaborative Work		5 ECTS	OA
Jul/Aug	Applied Sales II		5 ECTS	E
Jul/Aug	Corporate Planning and Control		5 ECTS	E
		3		
Oct/Nov/Dec	Project: Development of Business Ideas		5 ECTS	OPR
Oct/Nov/Dec	Accounting and Balancing		5 ECTS	E
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Project: Entrepreneurship		5 ECTS	WAPR
Jan/Feb/Mar	Market Research		5 ECTS	E
Jan/Feb/Mar	Fundamentals of Product Management		5 ECTS	E
		4		
Apr/May	Managerial Economics		5 ECTS	E
Apr/May	Pricing		5 ECTS	E
Apr/May	Personnel Psychology		5 ECTS	E
Jul/Aug	Agile Management		5 ECTS	E
Jul/Aug	Project: Business Model Development		5 ECTS	OPR
Jul/Aug	Online Marketing		5 ECTS	WAWA
		5		
Oct/Nov/Dec	Project: Prototyping and validation of a business idea		5 ECTS	WAPR
Oct/Nov/Dec	Organizational Behavior		5 ECTS	WACS
Online	Elective A		10 ECTS	
Jan/Feb/Mar	Seminar in Current Topics in Digitalization		5 ECTS	WARE
Online	Elective B		10 ECTS	
		6		
Apr/May	Project: Minimum Viable Product		5 ECTS	P
Online	Elective C		10 ECTS	
Online	Bachelor Thesis & Colloquium		10 ECTS	WABT & PC

CHOOSE YOUR ELECTIVES

Choose one module from the “Electives A” list:

- Digital Entrepreneurship
- Intrapreneurship
- Sustainable Entrepreneurship

Choose two modules from the “Electives B & C” list:

- Business Ethics and Sustainability
- Innovative Technologies and Sustainability
- Internet of Things and Big Data
- Organizational Development & Change Management
- Studium Generale
- User Testing and Prototyping
- Working Environment 4.0

www.iu.org

BACHELOR (B.A.) INTERNATIONAL MANAGEMENT

The global business world needs motivated talent to develop business strategies, drive growth, and enable smooth operations between partners. As part of your degree in International Management with IU, you can gain extensive knowledge in marketing, sales, public relations, accounting, finance and controlling, and HR—and choose your specialisation in the area that speaks to your interests.

IU puts major emphasis on practical experience and preparing you for an international career. Our professors can guide you with expert industry knowledge and help you find a focus industry that you are passionate about. With English as a language of instruction, you can also improve your skills in the most popular language for business that's used all over the world.



Degree

Bachelor of Arts (B.A.)



Fees

From €75 per month



Study start

Anytime



Study model available

Online



Duration

36 months



Credits

180 ECTS

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Business Mathematics		5 ECTS	E
Oct/Nov/Dec	Organizational Behavior		5 ECTS	CS
Oct/Nov/Dec	Management Accounting		5 ECTS	E/WA
Jan/Feb/Mar	Supply Chain Management I		5 ECTS	E
Jan/Feb/Mar	International Marketing		5 ECTS	E
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
		2		
Apr/May/Jun	Academic Integrity and Writing for Business		5 ECTS	WAWA
Apr/May/Jun	Business 101		5 ECTS	E/WAWA
Apr/May/Jun	Managerial Economics		5 ECTS	E
Jun/Jul/Aug	Introduction to Academic Work		5 ECTS	WB
Jun/Jul/Aug	Principles of Management		5 ECTS	WACS
Jun/Jul/Aug	Global Corporations and Globalization		5 ECTS	E
		3		
Oct/Nov/Dec	Change Management		5 ECTS	E
Oct/Nov/Dec	International Contract Management		5 ECTS	E
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Intercultural Psychology		5 ECTS	E
Jan/Feb/Mar	International Brand Management		5 ECTS	E
Jan/Feb/Mar	Leadership 4.0		5 ECTS	E
		4		
Apr/May/Jun	Global Sourcing		5 ECTS	E
Apr/May/Jun	International HR Management		5 ECTS	WACS
Apr/May/Jun	Intercultural Management		5 ECTS	E/WACS
Jun/Jul/Aug	Corporate Finance and Investment		5 ECTS	WAWA
Jun/Jul/Aug	Corporate Communication		5 ECTS	E
Jun/Jul/Aug	Customer Relationship Management		5 ECTS	E
		5		
Oct/Nov/Dec	Digital Business Models		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	WAPR
Oct/Nov/Dec	Conflict Management and Mediation		5 ECTS	E
Jan/Feb/Mar	Seminar: Current Issues in International Management		5 ECTS	WARE
Online	Elective A		10 ECTS	
		6		
Online	Electives B & C		20 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

Choose one specialisation from the Electives A programmes:

- Applied Sales
- Business Intelligence
- Financial Services Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing

Choose two specialisations from the Electives B and C programmes:

- Applied Sales
- Big Data and Data Protection
- Business Intelligence
- Digital Product Development
- Financial Services Management
- Fundamentals of Operations Research
- Introduction to Data Science and Programming with Python
- IT Service Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing

Each elective module can only be chosen once.

WHAT YOU'LL LEARN

- Learn to develop business strategies, drive growth, and enable smooth operations between partners.
- Gain extensive knowledge in marketing, sales, public relations, accounting, finance and controlling, and HR.
- Improve – with English as a language of instruction – your skills in the most popular language for business that's used all over the world.

CAREER

Managers, leaders, decision makers: companies are always on the look out for professionals with the expertise to promote their growth and success. IU puts major emphasis on practical experience and prepares you for such positions—as well as ensuring you gain an international market outlook. Our professors can guide you with expert industry knowledge and help you find a focus industry that you are passionate about.



www.iu.org

BACHELOR (B.A.) AVIATION MANAGEMENT

4 billion airline tickets, over 60 million tons of freight and more than 90 billion jobs world-wide. 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.)



Fees

From €75 per month



Study start

Official start date: September 1st, 2022* Afterwards:
Anytime



Study model and accreditation*

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



Duration

36 months

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Management Accounting		5 ECTS	E/WAWA
Oct/Nov/Dec	Introduction to Academic Work		5 ECTS	BWB
Oct/Nov/Dec	Organizational Behavior		5 ECTS	WACS
Jan/Feb/Mar	Introduction to Aviation Management		5 ECTS	E/AWB
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
Jan/Feb/Mar	International Marketing		5 ECTS	E
		2		
Apr/May/Jun	Modern Aviation Transport Modes		5 ECTS	E/AWB
Apr/May/Jun	Academic Integrity and Writing for Business		5 ECTS	WAWA
Apr/May/Jun	Business 101		5 ECTS	E/WAWA
Jun/Jul/Aug	Aviation Policy, Institutions and Regulations		5 ECTS	E/AWB
Jun/Jul/Aug	Corporate Finance and Investment		5 ECTS	WAWA
Jun/Jul/Aug	Principles of Management		5 ECTS	WACS
		3		
Oct/Nov/Dec	Aircraft Performance and Evaluation		5 ECTS	E/AWB
Oct/Nov/Dec	International Contract Management		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	PR
Jan/Feb/Mar	Airport Management and Ground Services		5 ECTS	E/WACS
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
Jan/Feb/Mar	Airline and Air Cargo Management		5 ECTS	E/AWB
		4		
Apr/May/Jun	Global Sourcing		5 ECTS	E
Apr/May/Jun	Digital Skills		5 ECTS	AWB
Apr/May/Jun	Managerial Economics		5 ECTS	E
Jun/Jul/Aug	Aviation Business Intelligence		5 ECTS	E/AWB
Jun/Jul/Aug	Network Planning and Yield Management		5 ECTS	E/WACS
Jun/Jul/Aug	Global Corporations and Globalization		5 ECTS	E
		5		
Oct/Nov/Dec	Digital Business Models		5 ECTS	E
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Simulation: Airline Management		5 ECTS	POP
Apr/May/Jun	Seminar: Current Issues in Aviation Management		5 ECTS	WARE
Online	Elective A		10 ECTS	
		6		
Online	Elective B		10 ECTS	
Online	Elective C		10 ECTS	
	Bachelor Thesis		10 ECTS	WABT & PC

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

www.iu.org

BACHELOR (B.A.) HOSPITALITY MANAGEMENT

Orchestrate wow moments, put a smile on guests' faces and master unexpected situations – these and other exciting tasks await you in the hospitality industry. Your bachelor's degree in hospitality management gives you the knowledge you need to excel in the hospitality industry. You will learn business and hotel-specific basics, evaluate practical case studies and study methods of quality control.

After getting to know the basics, you choose your electives from topics such as gastronomy and catering, tourism management and event management.



Degree

Bachelor of Arts (B.A.)



Fees

From €75 per month



Study start

Official start date: September 1st, 2022* Afterwards:
Anytime



Study model and accreditation*

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



Duration

36 months

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Business Mathematics	1	5 ECTS	E
Oct/Nov/Dec	Introduction to Academic Work	1	5 ECTS	BWB
Oct/Nov/Dec	Accounting and Balancing	1	5 ECTS	E
Jan/Feb/Mar	Principles of Hospitality Management	1	5 ECTS	E
Jan/Feb/Mar	Collaborative Work	1	5 ECTS	OA
Jan/Feb/Mar	International Marketing	1	5 ECTS	E
Apr/May/Jun	Food and Beverage Management	2	5 ECTS	E
Apr/May/Jun	Business 101	2	5 ECTS	E/WAWA
Apr/May/Jun	Digital Skills	2	5 ECTS	AWB
Jun/Jul/Aug	Destination Management	2	5 ECTS	E/AWB
Jun/Jul/Aug	Corporate Finance and Investment	2	5 ECTS	WAWA
Jun/Jul/Aug	International Business Law	2	5 ECTS	E/AWB
Oct/Nov/Dec	Management Accounting	3	5 ECTS	E/WAWA
Oct/Nov/Dec	Intercultural and Ethical Decision-Making	3	5 ECTS	WACS
Oct/Nov/Dec	International Contract Management	3	5 ECTS	E
Jan/Feb/Mar	Strategic Hospitality Management	3	5 ECTS	E
Jan/Feb/Mar	Business Simulation: Tourism, Hospitality and Event	3	5 ECTS	POP
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics	3	5 ECTS	E
Apr/May/Jun	Managerial Economics	4	5 ECTS	E
Apr/May/Jun	Foreign Language*	4	5 ECTS	E
Apr/May/Jun	Rooms Division Management	4	5 ECTS	E
Jun/Jul/Aug	Sustainability Management in Tourism, Hospitality and Event	4	5 ECTS	WAWA
Jun/Jul/Aug	Planning and Development of Hospitality Businesses	4	5 ECTS	E
Jun/Jul/Aug	Principles of Management	4	5 ECTS	WACS
Oct/Nov/Dec	Distribution in Hospitality and Tourism	5	5 ECTS	E
Oct/Nov/Dec	Hospitality Revenue Management	5	5 ECTS	E
Jan/Feb/Mar	Crisis Management in Tourism, Hospitality and Event	5	5 ECTS	E/WACS
Apr/May/Jun	Seminar: Current Issues in Tourism, Hospitality and Event	5	5 ECTS	WARE
Online	Elective A	6	10 ECTS	
Online	Elective B	6	10 ECTS	
Online	Elective C	6	10 ECTS	
	Bachelor Thesis	6	10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

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

- Event Management
- Gastronomy and Catering
- Tourism Management

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

- Applied Sales
- Business Ethics and Sustainability
- Intercultural Psychology and CRM
- International Accounting, Planning and Control
- International Brand Management and Corporate Communication
- International HR and Leadership
- Intrapreneurship
- Managing People and Fundamentals of Business Psychology
- Market Research and Product Management
- Online and Social Media Marketing
- Organizational Development and Change Management

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

- Applied Sales
- Business Ethics and Sustainability
- Event Management
- Foreign Language French
- Foreign Language German
- Foreign Language Italian
- Foreign Language Spanish
- Gastronomy and Catering
- Intercultural Psychology and CRM
- International Accounting, Planning and Control
- International Brand Management and Corporate Communication
- International HR and Leadership
- Intrapreneurship
- Managing People and Fundamentals of Business Psychology
- Market Research and Product Management
- Online and Social Media Marketing
- Organizational Development and Change Management
- Studium Generale
- Tourism Management

*Choose one of the following language courses: Italian, French, Spanish, German

** Choose one module from the Elective A, one module from the Elective B and one module from the Elective C. Each module can only be selected once. The same language can only be chosen once.



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BACHELOR (B.A.) MANAGEMENT

In the Bachelor's programme in Management, which puts an emphasis on theory, practical applications, and projects. You'll explore the ways in which the global economy is changing, and how companies and managers can not only adapt to these changes, but actively shape and be a part of them. From agile work to digital transformation, you'll develop the knowledge, experience and confidence you need to kick-start a career in international management.



Degree

Bachelor of Arts (B.A.)



Electives

In the Management distance learning programme, you can choose electives worth 30 ECTS and thus focus on interesting practical areas.



Study model and accreditation*

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



Study start and duration

Official start date: October 4th, 2022

Afterwards: Anytime

Duration: 48 months



Credits

240 ECTS

*Subject to state accreditation. We expect the Ministry's approval no later than the start of the programme. So far, all of our programmes have been successfully accredited and approved on time.

Curriculum (240 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Academic Integrity and Writing for Business	1	5 ECTS	WAWA
Introduction to Academic Work		5 ECTS	BWB
Collaborative Work		5 ECTS	OA
Intercultural and Ethical Decision-Making		5 ECTS	WACS
Foreign Language (French, German, Italian, Spanish)*		10 ECTS	PAC
Digital Skills	2	5 ECTS	AWB
Business Mathematics		5 ECTS	E
Intercultural Psychology		5 ECTS	E
Project: Introduction to Humanities		5 ECTS	WAPR
Foreign Language (French, German, Italian, Spanish)*		10 ECTS	PAC
Business 101	3	5 ECTS	E/WAWA
Managerial Economics		5 ECTS	E
Principles of Management		5 ECTS	WACS
Global Corporations and Globalization		5 ECTS	E
Statistics – Probability and Descriptive Statistics		5 ECTS	E
Project: Design Thinking		5 ECTS	WAPR
International Marketing	4	5 ECTS	E
Supply Chain Management I		5 ECTS	E
International Brand Management		5 ECTS	E
Organizational Behavior		5 ECTS	WACS
Corporate Finance and Investment		5 ECTS	WAWA
Project: Cross Media Marketing		5 ECTS	OPR
Entrepreneurship and Innovation	5	5 ECTS	WAWA
Corporate Governance and Strategy		5 ECTS	WAWA
Service Operations Management		5 ECTS	WAWA
Digital Business Models		5 ECTS	E
Management Accounting		5 ECTS	E/WAWA
Project: Development of Business Ideas		5 ECTS	WAPR
International Accounting	6	5 ECTS	E
Supply Chain Management II		5 ECTS	E
International HR Management		5 ECTS	WACS
Leadership 4.0		5 ECTS	E
Sustainability		5 ECTS	E/WACS
Project: New Work		5 ECTS	PO
Seminar: Current Issues in International Management	7	5 ECTS	WARE
Agile Project Management		5 ECTS	WAPR
Project: Production and Logistics		5 ECTS	WAPR
Thesis Lab		5 ECTS	WAPR
Elective A		10 ECTS	
Elective B	8	10 ECTS	
Elective C		10 ECTS	
Bachelor Thesis & Colloquium		10 ECTS	WABT+PC

AWB = Advanced Workbook, BWB = Basic Workbook, E = Exam, OA = Oral assignment, PAC = Participation Certificate, PC = Presentation: Colloquium, PO = Portfolio, RPE = Reflection of Practical Experiences, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Applied Sales
- Business Ethics and Sustainability
- Business Intelligence
- Financial Services Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing
- Organizational Development and Change Management
- Salesforce Platform Management

Choose one elective from

“Electives B” list:

- Digital Product Development
- Digitalization in Business and Retail
- Elaboration of Business Ideas
- Fundamentals of Operations Research
- Innovative Technologies and Sustainability
- Introduction to Data Science and Programming with Python
- IT Service Management
- Smart Factory
- Smart Services

Choose one elective from

“Electives C” list:

- Applied Sales
- Business Ethics and Sustainability
- Business Intelligence
- Digital Product Development
- Digitalization in Business and Retail
- Elaboration of Business Ideas
- Financial Services Management
- Fundamentals of Operations Research
- Innovative Technologies and Sustainability
- Internship
- Introduction to Data Science and Programming with Python
- IT Service Management
- Managing People and Fundamentals of Business Psychology
- Online and Social Media Marketing
- Organizational Development and Change Management
- Salesforce Platform Management
- Smart Factory
- Smart Services
- Studium Generale

*Choose one language course module.
Each module can only be selected once



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BACHELOR (B.SC.) INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY

Psychology plays a significant role in business relationships, and a solid understanding this is key to a successful career in modern industry. Our B.Sc. Industrial and Organizational Psychology enables you to become the conduit between people and businesses. You will combine a broad knowledge of B2C relations, psychology in the workplace, and labour law with business management skills to help shape companies and employees in the future.



Degree

Bachelor of Science (B.Sc.)



Electives

In the Industrial and Organizational Psychology distance learning programme, you can choose electives worth 30 ECTS and thus focus on interesting practical areas.



Study start and duration

Official start date: February 1st, 2023*

Afterwards: Anytime

Duration: 36 months



Credits

180 ECTS



Study model and accreditation

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

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Curriculum (180 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
	1		
Psychology		5 ECTS	E/AWB
Collaborative Work		5 ECTS	OA
Introduction to Academic Work		5 ECTS	BWB
Business Psychology		5 ECTS	E
Business 101		5 ECTS	E/WAWA
Project: Industrial and Organizational Psychology in Practice		5 ECTS	WAPR
	2		
Social Psychology		5 ECTS	E
Marketing		5 ECTS	E
Personality and Differential Psychology		5 ECTS	E/AWB
Statistics		5 ECTS	E
Occupational and Organizational Psychology		5 ECTS	E
Project: Organizational Development		5 ECTS	WAPR
	3		
Personnel Psychology		5 ECTS	E
Intercultural Psychology		5 ECTS	E
Psychological Diagnostics		5 ECTS	E
Conflict Management and Mediation		5 ECTS	E
Research Methodology and Data Analysis		5 ECTS	WACS
Project: Communication for Practical Problem Solving		5 ECTS	OPR
	4		
Leadership 4.0		5 ECTS	E
Intercultural and Ethical Decision-Making		5 ECTS	WACS
Consumer Behavior		5 ECTS	E
International Labor Law		5 ECTS	E
Entrepreneurship and Innovation		5 ECTS	WAWA
Agile Project Management		5 ECTS	WAPR
	5		
Principles of Management		5 ECTS	WACS
Psychology of Persuasion		5 ECTS	E
Project: Digital Business Models		5 ECTS	WAPR
Current Topics in Industrial and Organizational Psychology		5 ECTS	WARE
Electives A		10 ECTS	
	6		
Electives B		10 ECTS	
Electives C		10 ECTS	
Bachelor Thesis & Colloquium		10 ECTS	WABT

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- HR Management
- Markets and Advertising
- Organizational Development and Change Management

Choose one elective from

“Electives B” list:

- Digital HR and Personnel Assessment
- Digital Market and Consumer Psychology
- Global Organizational Development and Change Management

Choose one elective from

“Electives C” list:

- Applied Sales
- Augmented, Mixed and Virtual Reality
- Corporate Communication and PR
- Event Management
- Financial Services Management
- Foreign Languages (German, French, Spanish)
- Innovative Technologies and Sustainability
- International Marketing and Branding
- IT Management
- Negotiation
- Online and Social Media Marketing
- Talent Management & HR Development

www.iu.org

BACHELOR (B.SC.) COMPUTER SCIENCE

Computer science is revolutionising industries from within and is at the core of innovation, efficiency, and improvement of our daily lives. From the way we live to the way we work, communicate and travel, computer science is enabling brand new concepts to be realised. As society expects more and more information at our fingertips and communication in an instant, computer science specialists are in high demand.

The IU bachelor's in computer science is designed to train you in the fundamentals of the field, while also teaching you practical application and human impact. You'll explore cutting-edge topics like Big Data, cloud computing, and you will learn to develop a variety of IT systems and software. You'll learn to adapt quickly to challenges, designing, developing, and applying computational processes to ensure high functionality and security for users. With our practical approach to learning, you'll earn a competitive advantage in the job market as a graduate, mastering both technical and soft skills that companies look for in potential candidates.



Degree

Bachelor of Science (B.Sc.)



Fees

From €75 per month



Study start

Anytime



Study model available

Online



Duration

36 months



Credits

180 ECTS

*In your first year of studying, you will join in October or April if you want to start on campus.

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Introduction to Computer Science		5 ECTS	E
Oct/Nov/Dec	Object-oriented Programming with Java		5 ECTS	E
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Mathematics I		5 ECTS	E
Jan/Feb/Mar	Statistics: Probability and Descriptive Statistics		5 ECTS	E
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
		2		
Apr/May/Jun	Data structures and Java class library		5 ECTS	E
Apr/May/Jun	Mathematics II		5 ECTS	E
Apr/May/Jun	Web Application Development		5 ECTS	WB
Jun/Jul/Aug	Project: Java and Web Development		5 ECTS	PO
Jun/Jul/Aug	Computer Architecture and Operating Systems		5 ECTS	E
Jun/Jul/Aug	Introduction to Academic Work		5 ECTS	WB
		3		
Oct/Nov/Dec	Database Modeling and Database Systems		5 ECTS	E
Oct/Nov/Dec	Project: Build a Data Mart in SQL		5 ECTS	PO
Oct/Nov/Dec	Requirements Engineering		5 ECTS	E
Jan/Feb/Mar	Algorithms, Data Structures and Programming Languages		5 ECTS	E
Jan/Feb/Mar	IT Service Management		5 ECTS	E
Jan/Feb/Mar	Project: IT Service Management		5 ECTS	WAPR
		4		
Apr/May/Jun	Computer Networks and Distributed Systems		5 ECTS	E
Apr/May/Jun	Theoretical Computer Science and Mathematical Logic		5 ECTS	E
Apr/May/Jun	Introduction to Programming with Python		5 ECTS	E
Jun/Jul/Aug	Software Quality Assurance		5 ECTS	E
Jun/Jul/Aug	Specification		5 ECTS	E
Jun/Jul/Aug	Computer Science and Society		5 ECTS	WAWA
		5		
Oct/Nov/Dec	Cryptography		5 ECTS	E
Oct/Nov/Dec	Introduction to Data Protection and IT Security		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	WAPR
Jan/Feb/Mar	Seminar: Current Topics in Computer Science		5 ECTS	WARE
Jan/Feb/Mar	IT Law		5 ECTS	WACS
Jan/Feb/Mar	Project Software Engineering		5 ECTS	WAPR
		6		
Online	Elective A		10 ECTS	
Online	Elective B		10 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, PO = Portfolio, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Choose one specialisation from the Electives A programmes:

- Big Data and Cloud Technologies
- Business Intelligence
- IT Project and Architecture Management
- Mobile Software Engineering
- Salesforce Platform Development
- Software Engineering with Python

Choose one specialisation from the Electives B programmes:

- Big Data and Cloud Technologies
- Business Intelligence
- IT Project and Architecture Management
- Mobile Software Engineering
- Salesforce Platform Development
- Software Engineering with Python

Choose one specialisation from each block.

WHAT YOU'LL LEARN

- Get trained in the technical fundamentals as well as learn the practical application and human impact.
- Learn to develop a variety of IT systems and software.
- Explore cutting-edge topics like Big Data and cloud computing.

CAREER

IU's Bachelor in Computer Science offers promising career prospects, supporting many different industries with programming or business intelligence, such as finance, automotive, commerce or engineering. With our practical approach to learning, you'll earn a competitive advantage in the job market, mastering both technical and soft skills.

www.iu.org

BACHELOR (B.SC.) DATA SCIENCE

Data Science encompasses the generation of insights and value from raw data and is the core of digital businesses across all sectors. It's a field that requires a diverse mix of capabilities and skills—and never gets boring. Data informs key decisions, leads to optimisation of existing processes, and is the enabler of entirely new business models via data insights and automation.

The IU bachelor in Data Science is an ideal opportunity to dive deep into the technical skills step-by-step—with a hands-on approach and expert guidance. Our professors make sure you gain the hacking skills, math and statistical knowledge, and domain expertise needed with the right balance of supervised and independent study. We put much emphasis on practical work throughout your degree, helping you to acquire a portfolio of projects to demonstrate your skills once you graduate. When you take a bachelor's degree in data science you join the data revolution that is leading major changes in businesses, economies, and societies today.



Degree

Bachelor of Science (B.Sc.)



Fees

From €75 per month



Study start

Online: Anytime



Study model available

Online



Duration

36 months



Credits

180 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society. We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (180 ECTS)

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Mathematics: Analysis		5 ECTS	E
Oct/Nov/Dec	Database Modeling and Database Systems		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	WAPR
Jan/Feb/Mar	Introduction to Data Science		5 ECTS	OA
Jan/Feb/Mar	Introduction to Programming with Python		5 ECTS	E
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
		2		
Apr/May	Object Oriented and Functional Programming with Python		5 ECTS	P
Apr/May	Mathematics: Linear Algebra		5 ECTS	E
Apr/May	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jul/Aug	Introduction to Academic Work		5 ECTS	BWB
Jul/Aug	Collaborative Work		5 ECTS	OA
Jul/Aug	Statistics – Inferential Statistics		5 ECTS	E
		3		
Oct/Nov/Dec	Project: Build a Data Mart in SQL		5 ECTS	P
Oct/Nov/Dec	Data Quality and Data Wrangling		5 ECTS	WAWA
Oct/Nov/Dec	Cloud Computing		5 ECTS	E
Jan/Feb/Mar	Machine Learning – Supervised Learning		5 ECTS	E
Jan/Feb/Mar	Machine Learning – Unsupervised Learning and Feature Engineering		5 ECTS	WACS
Jan/Feb/Mar	Explorative Data Analysis and Visualization		5 ECTS	WAWA
		4		
Apr/May	Business Intelligence		5 ECTS	E
Apr/May	Project: Business Intelligence		5 ECTS	WAPR
Apr/May	Data Science Software Engineering		5 ECTS	E
Jul/Aug	Big Data Technologies		5 ECTS	WARE
Jul/Aug	Time Series Analysis		5 ECTS	E
Jul/Aug	Introduction to Data Protection and Cyber Security		5 ECTS	E
		5		
Oct/Nov/Dec	Model Engineering		5 ECTS	WACS
Oct/Nov/Dec	Neural Nets and Deep Learning		5 ECTS	OA
Online	Elective A		10 ECTS	
Jan/Feb/Mar	Seminar: Ethical Considerations in Data Science		5 ECTS	WARE
Online	Elective B		10 ECTS	
Apr/May	Project: From Model to Production		5 ECTS	OPR
		6		
Online	Electives C		10 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

Choose one elective from the Electives A programmes:

- AI Specialist
- Data Analyst
- Data Engineer

Choose one elective from the Electives B programmes:

- Applied Sales
- Automation and Robotics
- Autonomous Driving
- International Marketing and Branding
- Managerial Economics and Corporate Finance and Investment
- Smart Factory
- Supply Chain Management

Choose one elective from the Electives C programmes:

- AI Specialist
- Applied Sales
- Automation and Robotics
- Autonomous Driving
- Data Analyst
- Data Engineer
- Foreign Language: French
- Foreign Language: Italian
- Foreign Language: Spanish
- International Marketing and Branding
- Managerial Economics and Corporate Finance and Investment
- Smart Factory
- Studium Generale
- Supply Chain Management

Choose one specialisation from each block.

www.iu.org

BACHELOR (B.SC.) BUSINESS & IT

Almost all economic processes are closely linked to IT systems. As a result of the ongoing global digitisation, the demand for IT specialists with top business management skills is constantly rising. Opportunities are continually opening up for roles in software development, business analysis, process management, IT consulting and more—requiring professionals with both technical and business knowledge to fill them.

The IU Bachelor in Business and IT prepares you with contents specifically for such roles. During your studies you will acquire IT expertise, such as in requirements engineering or in the field of data modelling and database systems, and comprehensive business management knowledge. You'll get to know all key aspects of business and master the ability to recognise technological potential and to use it optimally for any company's success. Your bachelor's degree in Business and IT will provide you with interdisciplinary know-how, turning you into a highly employable candidate on the job market after graduation.

**Degree**

Bachelor of Science (B.Sc.)

**Fees**

From €75 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Introduction to Computer Science		5 ECTS	E
Oct/Nov/Dec	Object-oriented Programming with Java		5 ECTS	E
Oct/Nov/Dec	Management Accounting		5 ECTS	E/WAWA
Jan/Feb/Mar	Mathematics I		5 ECTS	E
Jan/Feb/Mar	Statistics: Probability and Descriptive Statistics		5 ECTS	E
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
		2		
Apr/May/Jun	Data structures and Java class library		5 ECTS	E
Apr/May/Jun	Business 101		5 ECTS	E/WAWA
Apr/May/Jun	Web Application Development		5 ECTS	WB
Jun/Jul/Aug	Programming Information Systems with Java EE		5 ECTS	E
Jun/Jul/Aug	Principles of Management		5 ECTS	WACS
Jun/Jul/Aug	Introduction to Academic Work		5 ECTS	WB
		3		
Oct/Nov/Dec	Requirements Engineering		5 ECTS	E
Oct/Nov/Dec	Database Modeling and Database Systems		5 ECTS	WACS
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	International Marketing		5 ECTS	E
Jan/Feb/Mar	Fundamentals of IT and ERP systems		5 ECTS	E
Jan/Feb/Mar	Project: Software Engineering		5 ECTS	WAPR
		4		
Apr/May/Jun	IT Project Management		5 ECTS	E
Apr/May/Jun	Introduction to Process Management		5 ECTS	E/WAWA
Apr/May/Jun	Data Analytics and Big Data		5 ECTS	WACS
Jun/Jul/Aug	Corporate Finance and Investment		5 ECTS	WAWA
Jun/Jul/Aug	Software Quality Assurance		5 ECTS	E
Jun/Jul/Aug	Seminar: Software Engineering		5 ECTS	WARE
		5		
Oct/Nov/Dec	Digital Business Models		5 ECTS	E
Oct/Nov/Dec	Organizational Behavior		5 ECTS	WACS
Oct/Nov/Dec	Purchasing, Procurement and Distribution		5 ECTS	E
Jan/Feb/Mar	IT Law		5 ECTS	WACS
Online	Elective A		10 ECTS	
		6		
Online	Electives B & C		20 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Electives A:

- Big Data and Cloud Technologies
- Business Intelligence
- Data Engineer
- Foundations of Programming with Python
- IT Security
- IT Service Management
- Java and Web Development
- Logic and Artificial Intelligence
- Mobile Software Engineering
- Salesforce Platform Development

Electives B:

- Applied Sales
- Smart Factory
- Smart Services
- Supply Chain Management

Electives C:

- Applied Sales
- Big Data and Cloud Technologies
- Business Intelligence
- Data Engineer
- Foundations of Programming with Python
- IT Security
- IT Service Management
- Java and Web Development
- Logic and Artificial Intelligence
- Mobile Software Engineering
- Salesforce Platform Development
- Smart Factory
- Smart Services
- Supply Chain Management

Choose one specialisation from each block.

WHAT YOU'LL LEARN

- Acquire IT expertise, such as in requirements engineering or in the field of data modelling and database systems.
- Get comprehensive business management knowledge.
- Get to know all key aspects of business and master the ability to recognise technological potential and to use it optimally for any company's success.

CAREER

As an expert in Business and IT, you can find a position that is at the interface between concept, design, implementation, and maintenance of technical topics. From start-ups to large international companies, you will ensure all IT systems run efficiently and reliably, and all information is transferred securely. You might even use your business and technical skills to start your own project as an entrepreneur.



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BACHELOR (B.SC.) CYBER SECURITY

Cyber security is an area of expertise in great demand, as cyber-attacks can affect all areas of IT. Defence measures are based on the systematic documentation of TTPs (Tactics, Techniques and Procedures). A cyber security expert masters the basics of modern operating systems and is also familiar with distributed applications in the cloud as well as methods of software forensics and data analysis. In our practice-oriented distance learning programme for cyber security, you will be trained to detect cyberthreats and demonstrate leadership potential. You will acquire up-to-date knowledge in the area of cyber security and deal with the architecture, programming and maintenance of security systems. In addition to incident response and digital forensics, you'll learn aspects of penetration testing and reverse engineering in order to get to know the perspective of cyber criminals and protect against them.

**Degree**

Bachelor of Science (B.Sc.)

**Fees**

From €75 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

Study Content (180 ECTS)

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Operating Systems, Computer Networks, and Distributed Systems		5 ECTS	E
Oct/Nov/Dec	Mathematics: Analysis		5 ECTS	E
Oct/Nov/Dec	Requirements Engineering		5 ECTS	E
Jan/Feb/Mar	Introduction to Academic Work		5 ECTS	BWB
Jan/Feb/Mar	Introduction to Programming with Python		5 ECTS	E
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
		2		
Apr/May	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Apr/May	Mathematics: Linear Algebra		5 ECTS	E
Apr/May	System Pentesting Basics		5 ECTS	E
Jul/Aug	Introduction to Data Protection and Cyber Security		5 ECTS	E
Jul/Aug	Collaborative Work		5 ECTS	OA
Jul/Aug	Introduction to the Internet of Things		5 ECTS	E
		3		
Oct/Nov/Dec	Introduction to Network Forensics		5 ECTS	E
Oct/Nov/Dec	Object-oriented Programming with Java		5 ECTS	E
Oct/Nov/Dec	Cloud Computing		5 ECTS	E
Jan/Feb/Mar	Algorithms, Data Structures, and Programming Languages		5 ECTS	E
Jan/Feb/Mar	IT Law		5 ECTS	WACS
Jan/Feb/Mar	Host and Software Forensics		5 ECTS	E
		4		
Apr/May	Theoretical Computer Sciences and Mathematical Logic		5 ECTS	E
Apr/May	IT Project Management		5 ECTS	E
Apr/May	IT Service Management		5 ECTS	E
Jul/Aug	DevSecOps and Common Software Weaknesses		5 ECTS	WAWA
Jul/Aug	Cryptography		5 ECTS	E
Jul/Aug	Information Security Standards		5 ECTS	WACS
		5		
Oct/Nov/Dec	Artificial Intelligence		5 ECTS	E
Oct/Nov/Dec	Advanced Data Analysis		5 ECTS	E
Online	Elective A		10 ECTS	
Jan/Feb/Mar	Project: Data Analysis		5 ECTS	PO
Online	Elective B		10 ECTS	
		6		
Apr/May	Seminar: Current Topics in Computer Science		5 ECTS	WARE
Online	Elective C		10 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

Choose one elective from “Electives A” list*:

- DevSecOps
- Host Forensics
- IT Security Consulting
- Network Forensics
- Security in Complex Networks
- Social Engineering

Choose one elective from “Electives B” list*:

- Business Intelligence
- Cloud Security
- Cyber Threat Intelligence
- Future Threats
- Industrial Systems Technology
- Mobile Threats
- Pentesting

Choose one elective from “Electives C” list*:

- Automation and Robotics
- Business Intelligence
- Cloud Security
- Cyber Threat Intelligence
- DevSecOps
- Future Threats
- Host Forensics
- Industrial Systems Technology
- IT Security Consulting
- Mobile Software Engineering
- Mobile Threats
- Network Forensics
- Pentesting
- Security in Complex Networks
- Smart Factory
- Social Engineering
- Studium Generale
- Supply Chain Management

*Electives: Choose one module with two courses from the Elective A, one module from the Elective B and one module from the Elective C. Every elective module can only be chosen once.



IU International

BACHELOR (B.SC.) APPLIED ARTIFICIAL INTELLIGENCE

It can be found in chatbots, digital assistants or self-driving cars: artificial intelligence leads to innovative products and services and has achieved spectacular successes for business and science. The Artificial Intelligence distance learning programme offers you a unique combination of methodological basics and specialisations for a broad field of applications. The focus of your bachelor's degree is on language and image processing, machine learning, robotics, UI/UX and software development. Since you complete the programme in English, you also have all the prerequisites to convince international audiences with your expertise.

**Degree**

Bachelor of Science (B.Sc.)

**Fees**

From €75 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society. We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (180 ECTS)

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Artificial Intelligence		5 ECTS	E
Oct/Nov/Dec	Introduction to Academic Work		5 ECTS	BWB
Oct/Nov/Dec	Mathematics: Analysis		5 ECTS	E
Jan/Feb/Mar	Introduction to Programming with Python		5 ECTS	E
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
Jan/Feb/Mar	Statistics – Probability and Descriptive Statistics		5 ECTS	E
		2		
Apr/May	Object Oriented and Functional Programming with Python		5 ECTS	P
Apr/May	Mathematics: Linear Algebra		5 ECTS	E
Apr/May	Statistics – Inferential Statistics		5 ECTS	E
Jul/Aug	Cloud Programming		5 ECTS	P
Jul/Aug	Machine Learning – Supervised Learning		5 ECTS	E
Jul/Aug	Machine Learning – Unsupervised Learning and Feature Engineering		5 ECTS	WACS
		3		
Oct/Nov/Dec	Cloud Computing		5 ECTS	E
Oct/Nov/Dec	Neural Nets and Deep Learning		5 ECTS	OA
Oct/Nov/Dec	Data Science Software Engineering		5 ECTS	E
Jan/Feb/Mar	Introduction to Computer Vision		5 ECTS	E
Jan/Feb/Mar	Project: Computer Vision		5 ECTS	WAPR
Jan/Feb/Mar	Introduction to Reinforcement Learning		5 ECTS	E
		4		
Apr/May	Introduction to NLP		5 ECTS	E
Apr/May	Project: NLP		5 ECTS	WAPR
Apr/May	Agile Project Management		5 ECTS	WAPR
Jul/Aug	Introduction to Data Protection and IT Security		5 ECTS	E
Jul/Aug	User Experience		5 ECTS	E
Jul/Aug	UX-Project OR Project: Edge AI		5 ECTS	WAPR
		5		
Oct/Nov/Dec	Introduction to Robotics		5 ECTS	E/WAWA
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Online	Electives A		10 ECTS	
Jan/Feb/Mar	Seminar: Ethical Considerations in Data Science		5 ECTS	WARE
Online	Electives B		10 ECTS	
		6		
Apr/May	Project: From Model to Production		10 ECTS	
Online	Electives C		10 ECTS	
Online	Bachelor Thesis & Colloquium		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

Choose one elective from the Elective subject area A:

- Augmented, Mixed and Virtual Reality
- Autonomous Driving
- Business Intelligence
- Data Analyst
- Data Engineer
- Database Developer
- Digital Signal Processing and Sensor Technology
- Production Engineering, Automation and Robotics

Choose one elective from the Elective subject area B:

- Applied Sales
- International Marketing and Branding
- IT Project and Architecture Management
- Psychology of Human Computer Interaction
- Supply Chain Management

Choose one elective from the Elective subject area C:

- Applied Sales
- Augmented, Mixed and Virtual Reality
- Autonomous Driving
- Business Intelligence
- Data Analyst
- Data Engineer
- Database Developer
- Digital Signal Processing and Sensor Technology
- Financial Services Management
- Foreign Language French
- Foreign Language German
- Foreign Language Italian
- Foreign Language Spanish
- International Marketing and Branding
- IT Project and Architecture Management
- Production Engineering, Automation and Robotics
- Psychology of Human Computer Interaction
- Studium Generale
- Supply Chain Management

Choose one elective from each block.

www.iu.org

BACHELOR (B.SC.) SOFTWARE DEVELOPMENT

From smartphone apps to traffic light control, to complex ERP systems: more and more processes in business and society are based on software systems. According to the World Economic Forum, cloud computing, big data analysis, the Internet of Things, IT security, artificial intelligence, e-commerce and virtual reality will determine our future – topics that are all an integral part of your distance learning programme in software development. You will acquire programming and software engineering skills that will qualify you for key positions in the international IT industry.

**Degree**

Bachelor of Science (B.Sc.)

**Fees**

From €75 per month

**Study start**

April 15th, 2022

**Study model available**

Online

**Duration**

36 months

**Credits**

180 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society. We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (180 ECTS)

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
1				
Oct/Nov/Dec	Requirements Engineering		5 ECTS	E
Oct/Nov/Dec	Software Engineering Principles		5 ECTS	E
Oct/Nov/Dec	IT Architecture Management		5 ECTS	E
Jan/Feb/Mar	Introduction to Academic Work		5 ECTS	BWB
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
Jan/Feb/Mar	Algorithms, Data Structures, and Programming Languages		5 ECTS	E
2				
Apr/May	Database Modeling and Database Systems		5 ECTS	E
Apr/May	Object-oriented Programming with Java		5 ECTS	E
Apr/May	IT Service Management		5 ECTS	E
Jul/Aug	Software Quality Assurance		5 ECTS	E
Jul/Aug	Data structures and Java class library		5 ECTS	E
Jul/Aug	Specification		5 ECTS	E
3				
Oct/Nov/Dec	Web Application Development		5 ECTS	AWB
Oct/Nov/Dec	IT Infrastructure		5 ECTS	E
Oct/Nov/Dec	Ethics and Sustainability in IT		5 ECTS	WACS
Jan/Feb/Mar	Techniques and methods for agile software development		5 ECTS	E
Jan/Feb/Mar	Project: Agile Software Engineering		5 ECTS	WAPR
Jan/Feb/Mar	Programming Information Systems with Java EE		5 ECTS	E
4				
Apr/May	Mobile Software Engineering		5 ECTS	E
Apr/May	Project: Mobile Software Engineering		5 ECTS	P
Apr/May	IT Project Management		5 ECTS	E
Jul/Aug	Seminar: Software Engineering		5 ECTS	WARE
Jul/Aug	Introduction to Data Protection and IT Security		5 ECTS	E
Jul/Aug	Cloud Programming		5 ECTS	P
5				
Oct/Nov/Dec	DevOps and Continuous Delivery		5 ECTS	WACS
Oct/Nov/Dec	User Interface Design and Ergonomics		5 ECTS	E
Online	Elective A		10 ECTS	
Jan/Feb/Mar	Introduction to Programming with Python		5 ECTS	E
Online	Elective B		10 ECTS	
6				
Apr/May	Project: Software Development		5 ECTS	OPR
Online	Electives C		10 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

CHOOSE YOUR ELECTIVES

Choose two electives from “Electives A and B” list:

- Applied Sales
- Data Science and object-oriented programming with Python
- International Management and Leadership
- International Marketing and Branding
- Internet of Things and Embedded Systems
- Mathematics Basics
- Mathematics: Linear Algebra and Analysis
- Robotics and Production Engineering
- Statistics Basics
- Supply Chain Management

Choose one elective from “Electives C” list:

- AI Specialist
- Augmented, Mixed and Virtual Reality
- Business Consulting
- Business Intelligence
- Data Engineer
- Digital Business
- Infrastructure and Operations
- IT Security Consulting
- Smart Devices
- Smart Factory
- Smart Mobility
- Smart Services
- Studium Generale
- User Experience

www.iu.org

BACHELOR (B.ENG.) INDUSTRIAL ENGINEERING AND MANAGEMENT

Industrial engineering has entered a revolutionary new phase with smart technologies increasingly used in manufacturing plants and supply chains across the globe. The demand for qualified engineers who are specialised in “Industry 4.0” and related fields is enormous.

The IU Bachelor in Industrial Engineering and Management prepares you with a combination of relevant business studies, expert knowledge of industrial engineering, and IT expertise that will allow you to understand and optimise processes for industrial companies everywhere. You’ll get to know features and applications for smart devices, smart technologies, and smart mobility—understanding how to use them create, innovate, and disrupt certain industries. You’ll become experienced with digital twins and similar technologies and be able to apply theoretical knowledge with the help of experimental kits and digital modelling in our virtual environment. After graduating, you’ll enter positions at the heart of digitisation and at the interface of many different industries.



Degree

Bachelor of Engineering (B.Eng.)



Fees

From €75 per month



Study start

Anytime



Study model available

Online



Duration

36 months



Credits

180 ECTS

Study Content

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Scientific and technical fundamentals		5 ECTS	E
Oct/Nov/Dec	Introduction to Robotics		5 ECTS	E/WAWA
Oct/Nov/Dec	Management Accounting		5 ECTS	E/WAWA
Jan/Feb/Mar	Technical Drawing		5 ECTS	E
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
Jan/Feb/Mar	International Marketing		5 ECTS	E
		2		
Apr/May/Jun	Mathematics II		5 ECTS	E
Apr/May/Jun	Business 101		5 ECTS	E/WAWA
Apr/May/Jun	Managerial Economics		5 ECTS	E
Jun/Jul/Aug	Introduction to Academic Work		5 ECTS	WB
Jun/Jul/Aug	Introduction to the Internet of Things		5 ECTS	E
Jun/Jul/Aug	Production Engineering		5 ECTS	E
		3		
Oct/Nov/Dec	Entrepreneurship and Innovation		5 ECTS	WAWA
Oct/Nov/Dec	Supply Chain Management I		5 ECTS	E
Oct/Nov/Dec	Intercultural and Ethical Decision-Making		5 ECTS	WACS
Jan/Feb/Mar	Electrical Engineering		5 ECTS	E
Jan/Feb/Mar	Project: Design Thinking		5 ECTS	WAPR
Jan/Feb/Mar	Sensor Technology		5 ECTS	E
		4		
Apr/May/Jun	Mechatronic Systems		5 ECTS	E
Apr/May/Jun	Automation Technology		5 ECTS	E
Apr/May/Jun	Data Analytics and Big Data		5 ECTS	WACS
Jun/Jul/Aug	Corporate Finance and Investment		5 ECTS	WAWA
Jun/Jul/Aug	Principles of Management		5 ECTS	WACS
Jun/Jul/Aug	Product Development in Industry 4.0		5 ECTS	E
		5		
Oct/Nov/Dec	Digital Business Models		5 ECTS	E
Oct/Nov/Dec	Agile Project Management		5 ECTS	WAPR
Oct/Nov/Dec	Project: Smart Product Solutions		5 ECTS	OPR
Jan/Feb/Mar	Seminar: Human-Robot Interaction		5 ECTS	WARE
Online	Elective A		10 ECTS	
		6		
Online	Electives B & C		20 ECTS	
Online	Bachelor Thesis		10 ECTS	WABT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Electives A:

- Applied Robotics
- Applied Sales
- Autonomous Driving
- Control Engineering
- Introduction to Cognitive Robotics
- Microcontroller
- Object-oriented Programming
- Programming of Robotic Systems
- Service Robotics
- Smart Devices
- Smart Factory
- Smart Mobility
- Smart Services

Electives B:

- Practice Project: Industrial Engineering 4.0 (has to be done on campus)
- Project: Hackathon

Electives C:

- Applied Robotics
- Applied Sales
- Autonomous Driving
- Control Engineering
- Introduction to Cognitive Robotics
- Microcontroller
- Object-oriented Programming
- Programming of Robotic Systems
- Service Robotics
- Smart Devices
- Smart Factory
- Smart Mobility
- Smart Services

Choose one specialisation from each block.

WHAT YOU'LL LEARN

- Understand and optimise processes for industrial companies across the globe by combining relevant business studies, expert knowledge of industrial engineering, and IT expertise.
- Become experienced with digital twins and similar technologies and be able to apply theoretical knowledge with the help of experimental kits and digital modelling in your virtual environment.

CAREER

Industrial engineering has entered a revolutionary new phase with smart technologies increasingly used in manufacturing plants and supply chains across the globe. The demand for qualified engineers who are specialised in “Industry 4.0” and related fields is enormous. After studying Industrial Engineering and Management, our bachelor graduates often work in manufacturing companies at the interface between business management and technical functions. Whether in management, engineering, or consultancy role – there are plenty of opportunities for talented professionals in this area.

www.iu.org

BACHELOR (B.ENG.) ROBOTICS

Mobility, healthcare, agriculture, and more—supply chains across the globe are becoming more and more dependent on robotic technology. Robots are creating faster, more efficient ways to design, construct, monitor, inspect, and transport with precision and agility. Robots may be programmed to take on many roles, yet industries still rely on talented professionals to design, test, and build this technology and ensure safety and reliability. Robotics is a huge and rapidly growing market, with vast career potential for those with the right expertise.

The IU Bachelor in Robotics combines know-how from mechanical, electrical, and control engineering with the basics of computer science, data science, and artificial intelligence. Through our mix of theoretical principles and practical projects, you will acquire all the necessary skills to build a career as a robotics specialist. Our programme prepares you with relevant technical skills, hands-on experience, and contextual knowledge of the latest technology and industry trends. Gain a solid foundation in the fundamentals of robotics and expert insights into the Internet of Things (IoT) and automation.



Degree

Bachelor of Engineering (B.Eng.)



Fees

From €75 per month



Study start

Anytime



Study model available

Online



Duration

36 months



Credits

180 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society. We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (180 ECTS)

PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
		1		
Oct/Nov/Dec	Introduction to Robotics		5 ECTS	E/WAWA
Oct/Nov/Dec	Mathematics II		5 ECTS	E
Oct/Nov/Dec	Scientific and Technical Fundamentals		5 ECTS	E
Jan/Feb/Mar	Introduction to Academic Work		5 ECTS	BWB
Jan/Feb/Mar	Technical Drawing		5 ECTS	E
Jan/Feb/Mar	Mathematics: Analysis		5 ECTS	E
		2		
Apr/May	Mathematics: Linear Algebra		5 ECTS	E
Apr/May	Mechanics – Statics		5 ECTS	E
Apr/May	Signals and Systems		5 ECTS	E
Jul/Aug	Production Engineering		5 ECTS	E
Jul/Aug	Introduction to Programming with Python		5 ECTS	E
Jul/Aug	Mechanics – Kinematics		5 ECTS	E
		3		
Oct/Nov/Dec	Project: Design with CAD		5 ECTS	OPR
Oct/Nov/Dec	Mechanics – Dynamics		5 ECTS	E
Oct/Nov/Dec	Programming with C/C++		5 ECTS	P
Jan/Feb/Mar	Electrical Engineering		5 ECTS	E
Jan/Feb/Mar	Sensor Technology		5 ECTS	E
Jan/Feb/Mar	Collaborative Work		5 ECTS	OA
		4		
Apr/May	Mechatronic Systems		5 ECTS	E
Apr/May	Control Systems Engineering		5 ECTS	E
Apr/May	Project: Robotics		5 ECTS	OPR
Jul/Aug	Embedded Systems		5 ECTS	E
Jul/Aug	Project: Applied Robotics with Robotic Platforms		5 ECTS	OPR
Jul/Aug	Seminar: Robots and Society		5 ECTS	WARE
		5		
Oct/Nov/Dec	Project: Modeling and Simulation of Robots		5 ECTS	WAPR
Oct/Nov/Dec	Project: Introduction to Robot Control		5 ECTS	WAPR
Online	Elective A		10 ECTS	
Jan/Feb/Mar	Seminar: Human-Robot Interaction		5 ECTS	WARE
Online	Elective B		10 ECTS	
		6		
Apr/May	Safety of Industrial Plants and Machines		5 ECTS	E
Online	Elective C		10 ECTS	
Online	Thesis & Colloquium		10 ECTS	WABT + PC

CHOOSE YOUR ELECTIVES

Choose one elective from “Electives A” list:

- Industrial Robotics and Automation
- Introduction to Cognitive Robotics
- Service Robotics

Choose two electives from “Electives B & C” list:

- AI Specialist
- Autonomous Driving
- Data Science and Deep Learning
- Foreign Language French
- Foreign Language Italian
- Foreign Language Spanish
- German Language
- Industrial Robotics and Automation
- Introduction to Cognitive Robotics
- IT Security
- Mobile Software Engineering
- Python for Software Engineering
- Service Robotics
- Studium Generale



IU International

BACHELOR (B.A.) INTERNATIONAL HEALTHCARE MANAGEMENT

The healthcare sector is an industry of dynamic growth driven by medical and technical progress as well as significant digital transformation and worldwide demographic changes. Healthcare management professionals require in-depth knowledge of management principles, coupled with a solid understanding of healthcare markets and global healthcare structures, systems, and policies to be successful in their roles. A bachelor's degree in International Healthcare Management gives you the required business knowhow as well as knowledge specific to the healthcare sector, enabling you to find success in your future career.

**Degree**

Bachelor of Arts (B.A.)

**Duration**

36 months

**Study start**

Anytime

**Credits**

180 ECTS

**Study model**

Online

**Fees**

From €73 per month

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

MODULE TITLE	SEMESTER	ECTS
Academic Integrity and Writing for Business	1	5 ECTS
Introduction to Academic Work		5 ECTS
Business 101		5 ECTS
Healthcare Management		5 ECTS
Medicine for Non-Medics I		5 ECTS
Managerial Economics		5 ECTS
Medicine for Non-Medics II	2	5 ECTS
Statistics—Probability and Descriptive Statistics		5 ECTS
Principles of Management		5 ECTS
International Health Systems		5 ECTS
Management Accounting		5 ECTS
Introduction to Health Economics		5 ECTS
Introduction to Public Health	3	5 ECTS
Collaborative Work		5 ECTS
International HR Management		5 ECTS
Health Financing		5 ECTS
International Marketing		5 ECTS
Introduction to Hospital Management		5 ECTS
Foundations in Epidemiology and Biostatistics	4	5 ECTS
Intercultural and Ethical Decision-Making		5 ECTS
Supply Chain Management I		5 ECTS
Medical Information Technology and Software		5 ECTS
Global Corporations and Globalisation		5 ECTS
Pharmaceutical Management		5 ECTS
Global Health	5	5 ECTS
Agile Project Management		5 ECTS
Seminar: Technology in Healthcare		5 ECTS
Quality Management in Healthcare		5 ECTS
Electives A		10 ECTS
Electives B+C	6	20 ECTS
Bachelor Thesis and Colloquium		10 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Health Services Industry
- Medical Technology Industry
- Pharmaceutical Industry

Choose two electives from

“Electives B+C” list:

- Accounting, Financing and Investment
- Applied Sales
- Business Intelligence
- Change and Agile Management
- Global Sourcing and Supply Chain Management
- Health Services Industry
- Intercultural Psychology and CRM
- Leadership and Organizational Behaviour
- Market Research and Product Management
- Medical Technology Industry
- Online and Social Media Marketing
- Pharmaceutical Industry
- Studium Generale

www.iu.org

MASTER (M.I.M.) INTERNATIONAL MANAGEMENT

Demand is increasing for managers to be able to not just successfully operate in their home market, but also in the ever more globalised economy. Expansion into international markets presents companies with several challenges which require understanding, adaptation, and market-specific business best practices. This is exactly where our Master of Arts in International Management comes in. With our two-semester master's programme International Management, you have the opportunity to not only gain a top degree in business and management but also basic specialist knowledge in the elective area. This programme worth 60 ECTS credits is great for if you are looking to gain core fundamentals in management and soft skills.

**Degree**

Master of Arts (M.A.)

**Fees**

From €121 (60 ECTS) or €98 (120 ECTS) per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

12 months (60 ECTS);

**Credits**

60 or 120 ECTS

Study Content (60 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May/Jun	Leadership		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Managing Across Borders		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar	Jun/Jul/Aug	Intercultural Management		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Seminar: Current Issues in International Management		5 ECTS	WARE
			2		
Apr/May/Jun On Campus online	Oct/Nov/Dec	Business Ethics and Corporate Governance		5 ECTS	WAWA
		Elective A		10 ECTS	
		Master Thesis		15 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Choose one from the following electives.

- Advanced Robotics 4.0
- Artificial Intelligence
- Big Data
- Data Science and Analytics
- IT Governance and Service Management
- IT Project and Architecture Management
- Supply Chain and Sourcing Management

WHAT YOU'LL LEARN

- Develop understanding, adaptation, and get to know market-specific business best practices to successfully operate in the ever more globalised economy.
- Get in-depth knowledge in economic subjects and basic specialist knowledge in the elective area.

CAREER

Graduate with a degree that will take you into middle management or executive positions. The international focus of this programme and expertise will prepare you with what you need to face any challenge in business. No matter your specialisation, you will head into great management roles internationally.

Study Content (120 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec		Leadership	1	5 ECTS	E
Oct/Nov/Dec		Strategic Management		5 ECTS	E
Oct/Nov/Dec		Managing Across Borders		5 ECTS	E
Jan/Feb/Mar		Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar		Performance Measurement		5 ECTS	E
Jan/Feb/Mar		International Marketing		5 ECTS	E
Apr/May/Jun		International Financial Management	2	5 ECTS	E
Apr/May/Jun		Applied Statistics		5 ECTS	E
Apr/May/Jun		Negotiation		5 ECTS	OA
Jun/Jul/Aug		Intercultural Management		5 ECTS	E
Jun/Jul/Aug		Seminar: International Human Resource Management		5 ECTS	WARE
Jun/Jul/Aug		International Financial Accounting		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Business Ethics and Corporate Governance	3	5 ECTS	WAWA
Oct/Nov/Dec	Apr/May/Jun	Seminar: Current Issues in International Management		5 ECTS	WARE
On Campus		Elective A+B		10 ECTS	
On Campus		Elective A+B		10 ECTS	
online		Master Thesis	4	30 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

You can freely choose two electives or follow our suggested elective combinations to major in a specific area. Every elective module can only be chosen once.

MAJORS AND THEIR ELECTIVES:

AI & Robotics

- Advanced Robotics 4.0
- Artificial Intelligence

Big Data

- Data Science and Analytics
- Big Data

IT Management

- IT Project and Architecture Management
- IT Governance and Service Management

- Regular (non-Major) Elective: Supply Chain and Sourcing Management

WHAT YOU'LL LEARN

- Develop understanding, adaptation, and get to know market-specific business best practices to successfully operate in the ever more globalised economy.
- Get in-depth knowledge in economic subjects and basic specialist knowledge in the elective area.

CAREER

Graduate with a degree that will take you into middle management or executive positions. The international focus of this programme and expertise will prepare you with what you need to face any challenge in business. No matter your major, you will head into great management roles internationally.



www.iu.org

MASTER OF MANAGEMENT (M.A.M.)

International developments and globalisation as well as regional and industry-specific trends are changing the way that organisations, projects, and people are managed. Our Master's degree in Management trains your skills to prepare you for any challenge and ensure you're equipped with flexibility, agility, and great communication to manage the sustainable success despite modern challenges.

The IU Master of Management degree offers you the opportunity to concentrate on a specialist area to streamline your focus and expertise. Our course offers specialisations in International Marketing, Finance & Accounting, IT Management, Engineering Management or Big Data Management. No matter your academic background, with this degree you'll master management methods, learn communication strategies, and improve your business knowledge to become a great leader in your field. You'll graduate with a qualification in management that provides both the theoretical and practical knowledge you need to become a great leader and an asset to any company.

**Degree**

Master of Arts (M.A.)

**Fees**

From €121 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

12 months

**Credits**

60 ECTS

Study Content

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May/Jun	Managing in a Global Economy		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Operations and Information Management		5 ECTS	WACS
Jan/Feb/Mar	Jun/Jul/Aug	Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar	Jun/Jul/Aug	Seminar: Managing People and Organizations		5 ECTS	WARE
On Campus		Electives A & B		20 ECTS	
			2		
Online		Master Thesis		15 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

You can freely choose two electives or follow our suggested elective combinations to major in a specific area. Every elective module can only be chosen once.

THE MAJORS AND THEIR ELECTIVES ARE:

Big Data Management

- Data Science and Analytics
- Big Data

IT Management

- IT Project and Architecture Management
- IT Governance and Service Management

WHAT YOU'LL LEARN

- Learn to analyse the economic environment and draw appropriate conclusions from a management perspective.
- Become a great negotiator and apply your theoretical knowledge to practical examples from professional work situations.
- Understand how to implement change successfully, to overcome challenges and improve the profitability, efficiency, and success of your team, project, or company.

CAREER

Management can take you pretty much anywhere in the business world. No matter the project, company, or industry, talented managers and team leads are always in high demand. With this master's degree in management, you'll not only gain the transferrable skills that businesses everywhere are looking for but be able to focus your skills to an area of your choice. Start an exciting and rewarding career in your field of interest, already with management responsibilities and higher starting salaries, with this qualification.



IU International

MASTER (M.A.) HUMAN RESOURCE MANAGEMENT

Demographic changes and a lack of skilled workers make HR management a key competitive factor in companies of every size. Companies need to find qualified workers with the right skills for the job and workers need to ensure they are getting fair remuneration for their work, neither are possible without qualified HR professionals. Our Master in Human Resource Management enables you to profit from the ideal mix of business management, legal, socio-psychological and HR management subject matter as well as giving you the skills to tackle the issue of digitalisation faced by companies in the modern world.

**Degree**

Master of Arts (M.A.)

**Study start**

Anytime

**Study model**

Online

**Duration**

60 ECTS: 12 months
120 ECTS: 24 months

**Credits**

60 or 120 ECTS

**Fees**

From €98 per month

Study Content

MODULE TITLE	SEMESTER	ECTS
60-ECTS MODEL		
	1	
Human Resource Management I		5 ECTS
Human Resource Management II		5 ECTS
Employer Branding and Recruiting		5 ECTS
Talent Management & HR Development		5 ECTS
People Analytics and Big Data		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Seminar: International Human Resource Management		5 ECTS
Electives A		10 ECTS
Master Thesis & Colloquium		15 ECTS

MODULE TITLE	SEMESTER	ECTS
120-ECTS MODEL		
	1	
Human Resource Management I		5 ECTS
Human Resource Management II		
Strategic Management		5 ECTS
Advanced Research Methods		5 ECTS
Aspects of International Labour Law		5 ECTS
Seminar: Current Issues in International Labour Law		5 ECTS
	2	
Applied Statistics		5 ECTS
Employer Branding and Recruiting		5 ECTS
Talent Management & HR Development		5 ECTS
Project: Human Resources Management		5 ECTS
Leadership		5 ECTS
New Work		5 ECTS
	3	
People Analytics and Big Data		5 ECTS
Seminar: International Human Resource Management		5 ECTS
Electives A		10 ECTS
Electives B		10 ECTS
	4	
Master Thesis & Colloquium		30 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Human Performance
- Work and Organisational Psychology
- Diversity Management
- International Labour Law
- Negotiation and Intercultural Management

Choose one elective from

“Electives A” list:

- Human Performance
- Work and Organisational Psychology
- Diversity Management
- Accounting
- Artificial Intelligence
- Negotiation and Intercultural Management

Choose one elective from

“Electives B” list:

- Human Performance
- Work and Organisational Psychology
- Diversity Management
- E-Commerce
- Accounting
- Artificial Intelligence
- Negotiation and Intercultural Management



IU International

MASTER (M.A.) DIGITAL INNOVATION AND INTRAPRENEURSHIP

Digital innovation is absolutely necessary for companies to improve market performance, generate new business, and set themselves apart from competitors. This requires in-depth internal competence of the company to expertly initiate and implement innovation from within: intrapreneurship. This is precisely where the M.A. Digital Innovation and Intrapreneurship programme comes into play. It provides you with academically sound and practice-oriented education in the field of digital innovation and enables you to take on responsibility in a variety of corporate innovation management areas.

**Degree**

Master of Arts (M.A.)

**Duration**

12 months

**Study start**

Official start date: November 16th, 2022*.
Afterwards: Anytime

**Credits**

60 ECTS

**Study model**

Online

**Fees**

From €110 per month

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

MODULE TITLE	SEMESTER	ECTS
	1	
Innovation and Entrepreneurial Ecosystems		5 ECTS
Entre- and Intrapreneurship		5 ECTS
Digital Business Models		5 ECTS
Disruptive Innovation		5 ECTS
Hybrid Project Management		5 ECTS
in Digital Transformation		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Seminar: Current Topics of Innovation and Entrepreneurship		5 ECTS
Electives A		10 ECTS
Master Thesis and Colloquium		15 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Start Up Lab
- Artificial Intelligence
- Data Science and Analytics
- Big Data
- IT Project and Architecture Management
- Corporate Finance and Investment
- Consumer Behavior and Brand Management
- Leadership and Change
- Performance Management
- Product Development and Design Thinking
- Agile Start Up Methods



IU International

MASTER (M.A.) INNOVATION AND ENTREPRENEURSHIP

Digitalisation brings entirely new forms and dimensions of innovation, from start-up companies to small and medium-sized enterprises, and to multinational corporations. Entrepreneurship and innovation require both creativity and sound management knowledge. This is precisely where the online Master of Arts in Innovation and Entrepreneurship programme comes into play. This degree offers you scientifically sound and practice-oriented expertise in the field of innovation and entrepreneurship. This degree will help you to realise your own business ideas and enable you to take on responsibility in a variety of areas, bringing innovative management to companies.

**Degree**

Master of Arts (M.A.)

**Duration**

24 months

**Study start**

Anytime

**Credits**

120 ECTS

**Study model**

Online

**Fees**

From €95 per month

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

MODULE TITLE	SEMESTER	ECTS
Innovation and Entrepreneurial Ecosystems	1	5 ECTS
Entre- and Intrapreneurship		5 ECTS
Strategic Management		5 ECTS
Business Model Design		5 ECTS
Product Development		5 ECTS
Advanced Research Methods		5 ECTS
Applied Marketing Research	2	5 ECTS
Sales and Pricing		5 ECTS
Agile Project Management		5 ECTS
Lean Start Up		5 ECTS
Design Thinking		5 ECTS
Seminar: Current Topics of Innovation and Entrepreneurship		5 ECTS
Digital Business Models	3	5 ECTS
Internet of Things		5 ECTS
Electives A		10 ECTS
Electives B		10 ECTS
Master Thesis & Colloquium	4	30 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Start Up Lab
- Artificial Intelligence
- Data Science and Analytics
- Big Data
- IT Project and Architecture Management
- Corporate Finance and Investment
- Digital Transformation
- Consumer Behaviour and Brand Management
- Leadership and Change
- Performance Management

Choose one elective from

“Electives B” list:

- Start Up Lab
- Artificial Intelligence
- Data Science and Analytics
- Big Data
- IT Project and Architecture Management
- Corporate Finance and Investment
- Digital Transformation
- Consumer Behaviour and Brand Management
- Leadership and Change
- Performance Management



IU International

MASTER (M.SC.) FINANCE, ACCOUNTING AND TAXATION

Every company depends on a functioning finance and accounting system. New business models, changing process landscapes and megatrends such as digitalisation are making commercial management increasingly complex. For this reason, well-trained specialists and managers who have both theoretical and practical knowledge and can meet current challenges with adequate solutions are in great demand in all sectors of the economy and all types of companies. Our Master of Science in Finance, Accounting and Taxation prepares you for future management positions in the finance sector with expertise in the areas of financing, national and international accounting, and taxation as well as leadership and management.

**Degree**

Master of Science (M.Sc.)

**Duration**

24 months

**Study start**

Anytime

**Credits**

120 ECTS

**Study model**

Online

**Fees**

From €95 per month

Study Content

MODULE TITLE	SEMESTER	ECTS
Leadership	1	5 ECTS
Business Ethics and Corporate Governance		5 ECTS
Advanced Research Methods		5 ECTS
Applied Statistics		5 ECTS
Current Issues in Accounting		5 ECTS
Managerial Economics		5 ECTS
Corporate Finance	2	5 ECTS
International Financial Accounting		5 ECTS
Performance Measurement		5 ECTS
Risk Management		5 ECTS
Innovation and Strategy in FinTech		5 ECTS
International Taxation		5 ECTS
Project: Introduction to IFRS	3	5 ECTS
Seminar: Current Issues in Corporate Finance		5 ECTS
Electives A & B	4	20 ECTS
Master Thesis & Colloquium		30 ECTS

CHOOSE YOUR ELECTIVES

Choose two electives from

“Electives A & B” list:

- Data Science and Analytics
- Supply Chain and Sourcing Management
- Managing in a Global Economy and Negotiation
- Corporate Finance and Investment
- Business Analyst
- Forensic Accounting
- Capital Markets



IU International

MASTER (M.A.) PROJECT MANAGEMENT

As a project manager, you will be responsible for the planning and implementation of projects, assembling project teams, control processes and monitor the success of projects. To do this, you will combine your broad specialist knowledge with relevant methodological competence.

If you have completed a non-subject-related first degree but have already gained one year professional work experience in project management, the Master in Project Management 60 ECTS is the right choice for you. The two-semester programme teaches you the central principles of international project management and offers you a solid qualification for leading project teams.

If you have already completed your undergraduate studies in the field of economics or engineering, the consecutive Master of Project Management is the right choice for you. The four-semester programme builds on your previous knowledge and qualifies you for management tasks within projects. You will learn established international project management methods as well as the spectrum of soft skills that you need for the management of complex tasks and the leadership of project teams.

**Degree**

Master of Arts (M.A.)

**Study start**

December 1st, 2022* (60 ECTS)

June 1st, 2022* (120 ECTS)

Afterwards: Anytime

**Study model**

Online

**Duration**

12 months (60 ECTS)

24 monthss (120 ECTS)

**Credits**

60 or 120 ECTS

**Fees**

From €98 per month

Study Content

MODULE TITLE	SEMESTER	ECTS
60-ECTS MODEL		
Applied Project Management	1	5 ECTS
Requirements Management		5 ECTS
Online Project Simulation		5 ECTS
Agile Project Management		5 ECTS
Seminar: Managing People and Organisations		5 ECTS
Advanced Research Methods	2	5 ECTS
Interview and Communication Techniques		5 ECTS
Elective A		5 ECTS
Master Thesis and Colloquium		15 ECTS

MODULE TITLE	SEMESTER	ECTS
120-ECTS MODEL		
Applied Project Management	1	5 ECTS
Strategic Management		5 ECTS
Requirements Management		5 ECTS
Leadership		5 ECTS
Advanced Research Methods		5 ECTS
Project: Agile and Creative Methods	2	5 ECTS
IT Project Management		5 ECTS
Change Management		5 ECTS
Agile Project Management		5 ECTS
Interview and Communication Techniques		5 ECTS
Project Controlling		5 ECTS
Online Project Simulation	3	5 ECTS
Seminar: Managing People and Organisations		5 ECTS
Managing in a Global Economy		5 ECTS
Elective A		10 ECTS
Elective B	4	10 ECTS
Master Thesis and Colloquium		30 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Advanced Robotics 4.0
- Business Analyst
- Cyber Criminality
- Data Engineer
- Industrial Automation Projects
- International Marketing Projects
- Process Management with Scrum
- Product Development and Design Thinking
- Project Management with Prince2
- Project Management within Operations
- UI/UX Expert

Choose one elective from

“Electives A” list:

- Process Management with Scrum
- Project Management with Prince2
- Project Management within Operations

Choose one elective from

“Electives B” list:

- Advanced Robotics 4.0
- Business Analyst
- Cyber Criminality
- Data Engineer
- Industrial Automation Projects
- International Marketing Projects
- Process Management with Scrum
- Product Development and Design Thinking
- Project Management with Prince2
- UI/UX Expert



IU International

MASTER (M.SC.) ARTIFICIAL INTELLIGENCE

AI is the sweet spot where mathematical minds meet creativity and vision for a better, more efficient world. A Master's in AI at IU provides you with key technical knowledge, tools, and training and helps you apply this to practical use cases for innovation or industry disruption.

The exciting thing about a degree in artificial intelligence? The huge scope of industries you can enter once graduated. You could move into computer science, automotive, mechanical engineering, healthcare, or even the arts—AI is driving change in nearly all sectors. With this degree, you'll not only have the right skills to achieve top-level career positions but also a great understanding of the social impacts, risks, and business opportunities that AI presents; making you highly attractive to future employers.

At IU, you can select one of four different AI master programmes, including a 120-credit option with specialisations, a shorter 60-credit degree in Artificial Intelligence, or the “Artificial Intelligence for Robotics” and “Artificial Intelligence for Autonomous Vehicles” both also worth 60 ECTS credits. We offer great flexibility in our courses and in our approach to learning to suit your style, speed, and interests.

**Degree**

Master of Science (M.Sc.)

**Duration**

12 or 24 months

**Study start**

Anytime

**Credits**

60 or 120 ECTS

**Study model**

Online

**Fees**

From €98 per month

Study Content

MODULE TITLE	SEMESTER	ECTS
ARTIFICIAL INTELLIGENCE (120 ECTS)		
Artificial Intelligence	1	5 ECTS
Advanced Mathematics		5 ECTS
Use Case and Evaluation		5 ECTS
Seminar: AI and Society		5 ECTS
Advanced Statistics		5 ECTS
Project: AI Use Case		5 ECTS
Programming with Python	2	5 ECTS
Machine Learning		5 ECTS
Deep Learning		5 ECTS
NLP and Computer Vision		5 ECTS
Electives A		10 ECTS
Inference and Causality	3	5 ECTS
Reinforcement Learning		5 ECTS
Software Engineering for Data Intensive Sciences		5 ECTS
Seminar: Current Topics in AI		5 ECTS
Electives B		10 ECTS
Master Thesis & Colloquium	4	30 ECTS
ARTIFICIAL INTELLIGENCE (60 ECTS)		
Machine Learning	1	5 ECTS
Deep Learning		5 ECTS
Use Case and Evaluation		5 ECTS
Reinforcement Learning		5 ECTS
Seminar: Current Topics in AI		5 ECTS
Project: AI Use Case		5 ECTS
NLP and Computer Vision	2	5 ECTS
Advanced NLP and Computer Vision		5 ECTS
Master Thesis & Colloquium		20 ECTS

CHOOSE YOUR ELECTIVES

Choose two specialisations from the Electives A programmes:

- AI Specialist
- Data Engineer
- Technical Project Lead
- UI/UX Expert

Choose two specialisations from the Electives B programmes:

- Advanced Robotics 4.0
- Applied Autonomous Driving
- Consumer Behaviour and Research
- Corporate Finance
- DevOps for Data Applications
- Innovate and Change
- Management
- Sales, Pricing and Brand Management

WHAT YOU'LL LEARN

- Apply the concepts covered in your course to build a running AI model or system which you can add to your portfolio of projects.
- Get to know reinforcement learning approaches and the fundamentals of neural networks, natural language and image processing, and more.
- Understand the trade-off between exploration and exploitation and place your studies within an ethical context: self-driving cars, service robots, and social impacts.

MODULE TITLE	SEMESTER	ECTS
ARTIFICIAL INTELLIGENCE FOR AUTONOMOUS VEHICLES (60 ECTS)		
<hr/>	1	<hr/>
Machine Learning		5 ECTS
Deep Learning		5 ECTS
Use Case and Evaluation		5 ECTS
Reinforcement Learning		5 ECTS
Seminar: Current Topics in AI	5 ECTS	
<hr/>	2	<hr/>
Project: AI Use Case		5 ECTS
Architectures of Self-Driving Vehicles		5 ECTS
Case Study: Localisation, Motion Planning and Sensor Fusion		5 ECTS
Master Thesis & Colloquium		20 ECTS
ARTIFICIAL INTELLIGENCE FOR ROBOTICS (60 ECTS)		
<hr/>	1	<hr/>
Machine Learning		5 ECTS
Deep Learning		5 ECTS
Use Case and Evaluation		5 ECTS
Reinforcement Learning		5 ECTS
Seminar: Current Topics in AI	5 ECTS	
Project: AI Use Case	5 ECTS	
<hr/>	2	<hr/>
Master Thesis & Colloquium		20 ECTS

CAREER

Senior AI Scientist

A Senior AI Scientist is typically responsible for designing and developing AI based systems such as intelligent assistant systems and automated decision systems, often working at the intersection of human and artificial intelligence. Senior AI scientists might also be responsible for mentoring junior team members

AI Team Lead

AI Team leads need to be proficient in a wide range of skills. They are typically charged with the development of a team of senior and junior AI specialists—including hiring and personnel decisions. Team leads are typically also responsible for ensuring all projects are run on-scope and deliver high quality results. As a team-leader you are often engaged with the internal and external stakeholders of projects and are consulted in the setup and scoping of new projects.

AI Interaction Designer

Combining human and artificial intelligence is one of the big challenges building the workplace of the future. AI Interaction Designers are responsible for reshaping the work environment so that humans and AI systems can work together.



www.iu.org

MASTER (M.SC.) COMPUTER SCIENCE

Computer Science is at the centre of our daily lives, transforming the way we live, work, travel, and much more. Developments in this area are rapidly changing many industries and if you become an expert in computer science, you could start an exciting career in a field of your choosing. Many people enjoy the interaction between computer science and the human experience, so use their degree to gain great positions in companies at the forefront of technological advancements. Whether mobility, medicine, design, or communications, with this degree, you can become a central key in creating and developing new systems and tech for a better, faster, more efficient world. In IU's Master in Computer Science, you continue your journey with a focus on data science, cyber security, and artificial intelligence and elective modules of your choosing. This will give you all the skills you need to get started in the international job market and in a career that speaks to your interests.

**Degree**

Master of Science (M.Sc.)

**Fees**

From €98 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

24 months

**Credits**

120 ECTS

Study Content

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May/Jun	Advanced Mathematics	1	5 ECTS	E
Oct/Nov/Dec		Algorithmics		5 ECTS	E
Oct/Nov/Dec		Cyber Security and Data Protection		5 ECTS	OA
Jan/Feb/Mar		Seminar: Computer Science and Society		5 ECTS	WARE
Jan/Feb/Mar		Artificial Intelligence		5 ECTS	E
Jan/Feb/Mar		Advanced Statistics		5 ECTS	WB
Apr/May/Jun		Data Science	2	5 ECTS	E
Apr/May/Jun		Big Data Technologies		5 ECTS	OA
Apr/May/Jun		Programming with Python		5 ECTS	WAWA
Jun/Jul/Aug		Software Engineering: Software Processes		5 ECTS	OA
Jun/Jul/Aug		Project: Software Engineering		5 ECTS	PO
Jun/Jul/Aug		Networks and Distributed Systems		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Seminar: Current Topics in Computer Science	3	5 ECTS	WARE
Oct/Nov/Dec	Apr/May/Jun	Project: Computer Science Project		5 ECTS	PO
Online		Electives A & B		20 ECTS	
Online		Master Thesis	4	30 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, PO = Portfolio, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

You'll have the chance to choose electives in subjects you're interested in. These will amount to 20 ECTS of your overall degree.

Choose one specialisation from the Electives A programmes:

- Advanced Cyber Security and Cryptology
- Blockchain and Quantum Computing
- IT Governance and Service Management
- UI/UX Expert

Choose one specialisation from the Electives B programmes:

- Business Analyst
- Data Engineer
- Machine Learning and Deep Learning
- Technical Project Lead
- Use Case Identification and Evaluation for Analytical Applications

WHAT YOU'LL LEARN

- Jump into software engineering and build your knowledge of the mathematical and statistical basics.
- Gain skills in data science and artificial intelligence and deal systematically with the design, evaluation, and use of algorithms.
- Dive into cyber security and data protection and look at the influence of your work on society—discussing current topics in Computer Science and analysing network systems.

CAREER

Private sector, public service or freelance: Computer scientists are in a very high demand in all branches of industry, including finance, automotive, commerce and many more. Our Master of Computer Science is a clear boost for your career and will pave many ways to a successful entry into the job market.

www.iu.org

MASTER (M.SC.) CYBER SECURITY MANAGEMENT

Do something truly productive with your IT skills. Harness your talent to help protect companies and the authorities to keep their IT networks safe, making them impenetrable to outside forces. Through this course you will learn to combine existing IT and management expertise and adapt them to the safety of IT and data.

Digitalisation brings a whole new wave of challenges with it, one of those is ensuring that the IT structures that are integral to its function are kept safe. Every level of the public and private sectors requires experts who can do just that. IT security experts, who can guarantee the confidentiality, availability, and integrity of the data their guarding, can expect to be in high demand. This is where IU International University of Applied Sciences' M.Sc. Cyber Security Management comes in. If you want to help uncover, combat, and prevent future attacks, then this qualification will give you all of the required knowledge and competencies to do so. Boost your career and open up a range of job opportunities with this IU qualification.



Degree

Master of Science (M.Sc.)



Fees

From €121 per month



Study start

Anytime



Study model available

Online



Duration

12 months



Credits

60 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society. We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (60 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May	Cyber Security and Data Protection		5 ECTS	OA
Oct/Nov/Dec	Apr/May	Corporate Governance of IT, Compliance, and Law		5 ECTS	E
Oct/Nov/Dec	Apr/May	Theoretical Computer Science for IT Security		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	Cyber Risk Assessment and Management		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar	Jul/Aug	Seminar: Standards and Frameworks		5 ECTS	WARE
			2		
Apr/May	Oct/Nov/Dec	Cyber Systems and Network Forensics		5 ECTS	E
Apr/May	Oct/Nov/Dec	Elective A		10 ECTS	
Online		Master Thesis		15 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

You'll have the chance to choose electives in subjects you're interested in. These will amount to 10 ECTS of your overall degree.

Electives on Campus:
Those elective modules where the minimum number of participants is not reached will not be offered on campus but only online (distance learning). However, IU ensures that there are always electives on campus.

Choose one elective from the

Electives A programmes:

- Advanced Cyber Security and Cryptography
- Artificial Intelligence
- Audit- and Security Testing
- Blockchain and Quantum Computing
- Continuous and Lifecycle Security
- IT Service and Architecture Management
- Secure Software Development



www.iu.org

MASTER (M.SC.) CYBER SECURITY

With digitalisation, cyber-attacks on software and system structures in companies are on the rise. To ensure the confidentiality, availability and integrity of their data, just about every company, organisation and government agency requires competent cyber security professionals. There is now a huge and unmet demand for security experts with a keen eye to identify and defend against cyber-attacks. With the IU International University of Applied Sciences Master in Cyber Security, you will acquire all the skills you need to protect data and ensure top security measures for systems used by companies worldwide. You'll become a specialist in securing infrastructures against attacks, risks or malware using statistical and digital forensic methods.

**Degree**

Master of Science (M.Sc.)

**Fees**

From €98 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

24 months

**Credits**

120 ECTS

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society.
We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (120 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May	Corporate Governance of IT, Compliance, and Law	1	5 ECTS	E
Oct/Nov/Dec	Apr/May	Advanced Mathematics		5 ECTS	E
Oct/Nov/Dec	Apr/May	Cyber Security and Data Protection		5 ECTS	OA
Jan/Feb/Mar	Jul/Aug	Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar	Jul/Aug	Cyber Risk Assessment and Management		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	IT Systems: Software		5 ECTS	E
Apr/May	Oct/Nov/Dec	IT Systems: Hardware	2	5 ECTS	E
Apr/May	Oct/Nov/Dec	Cyber Systems and Network Forensics		5 ECTS	E
Apr/May	Oct/Nov/Dec	Theoretical Computer Science for IT Security		5 ECTS	E
Jul/Aug	Jan/Feb/Mar	Seminar: Advanced Cyber Security		5 ECTS	WARE
Jul/Aug	Jan/Feb/Mar	Seminar: Standards and Frameworks		5 ECTS	WARE
Jul/Aug	Jan/Feb/Mar	Project: Current Challenges of Cyber Security		5 ECTS	WAPR
Oct/Nov/Dec	Apr/May	Cryptology	3	5 ECTS	OA
Oct/Nov/Dec	Apr/May	Secure Networking		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	Elective A		10 ECTS	
Apr/May	Oct/Nov/Dec	Elective B	4	10 ECTS	
Online		Master Thesis		30 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

You'll have the chance to choose electives in subjects you're interested in. These will amount to 20 ECTS of your overall degree.

Choose one elective from the Electives A programmes:

- Blockchain and Quantum Computing
- Cyber Criminality
- Secure Software Development

Choose one elective from the Electives B programmes:

- Artificial Intelligence
- Audit- and Security Testing
- Business Analyst
- Continuous and Lifecycle Security
- Data Science and Big Data Technologies
- Industrial Automation and Internet of Things
- IT Law for IT Security
- Organizational Transformation







Electives on Campus:

Those elective modules where the minimum number of participants is not reached will not be offered on campus but only online (distance learning). However, IU ensures that there are always electives on campus.

www.iu.org

MASTER (M.SC.) DATA SCIENCE

Data Science encompasses the generation of insights and value from raw data and is the core of digital businesses across all sectors. It's a field that requires a diverse mix of capabilities and skills—and never gets boring. Data informs key decisions, leads to optimisation of existing processes, and is the enabler of entirely new business models via data insights and automation. The IU bachelor in Data Science is an ideal opportunity to dive deep into the technical skills step-by-step—with a hands-on approach and expert guidance. Our professors make sure you gain the hacking skills, math and statistical knowledge, and domain expertise needed with the right balance of supervised and independent study. We put much emphasis on practical work throughout your degree, helping you to acquire a portfolio of projects to demonstrate your skills once you graduate. When you take a bachelor's degree in data science you join the data revolution that is leading major changes in businesses, economies, and societies today.

-  **Degree**
Master of Science (M.Sc.)
-  **Study start**
Anytime
-  **Study model available**
Online
-  **Duration**
12 months (60 ECTS); 24 months (120 ECTS)
-  **Credits**
120 ECTS
-  **Fees**
From €121 per month (60 ECTS); from €98 per month (120 ECTS)

*Subject to approval by the Thuringian Ministry of Economy, Science and Digital Society.
We expect the Ministry's approval no later than the start of the studies. So far, the approval has always been on time.

Study Content (60 or 120 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE 60-ECTS-MODEL	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May/Jun	Use Case and Evaluation	1	5 ECTS	OA
Oct/Nov/Dec	Apr/May/Jun	Machine Learning		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Advanced Statistics		5 ECTS	AWB
Jan/Feb/Mar	Jun/Jul/Aug	Seminar: Current Topics in Data Science		5 ECTS	WARE
Jan/Feb/Mar	Jun/Jul/Aug	Deep Learning		5 ECTS	OA
Apr/May/Jun On Campus	Oct/Nov/Dec	Case Study: Model Engineering	2	5 ECTS	WACS
Online		Elective A		10 ECTS	
		Master Thesis		15 ECTS	WAMT & PC
1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE 120-ECTS-MODEL	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May/Jun	Advanced Mathematics	1	5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Use Case and Evaluation		5 ECTS	OA
Oct/Nov/Dec	Apr/May/Jun	Programming with Python		5 ECTS	WAWA
Jan/Feb/Mar	Jul/Aug	Data Science		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	Seminar: Data Science and Society		5 ECTS	WARE
Jan/Feb/Mar	Jul/Aug	Seminar: Current Topics in Data Science		5 ECTS	WARE
Apr/May/Jun	Oct/Nov/Dec	Machine Learning	2	5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Big Data Technologies		5 ECTS	OA
Apr/May/Jun		Cyber Security and Data Protection		5 ECTS	OA
Jul/Aug	Jan/Feb/Mar	Advanced Statistics		5 ECTS	AWB
Jul/Aug	Jan/Feb/Mar	Project: Data Science Use Case		5 ECTS	PO
Jul/Aug	Jan/Feb/Mar	Deep Learning		5 ECTS	OA
Oct/Nov/Dec	Apr/May/Jun	Case Study: Model Engineering	3	5 ECTS	WACS
Oct/Nov/Dec	Apr/May/Jun	Software Engineering for Data Intensive Sciences		5 ECTS	OA
Online		Elective A		10 ECTS	
Online		Elective B		10 ECTS	
Online		Master Thesis	3	30 ECTS	WAMT & PC

AWB = Advanced Workbook, E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, PO = Portfolio, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

Choose one from the following electives.

Choose one elective for the 60-ECTS model Elective programmes:

- Applied Autonomous Driving
- Big Data und Software Engineering
- Smart Manufacturing Methods and

Electives on Campus:

Those elective modules where the minimum number of participants is not reached will not be offered on campus but only online (distance learning). However, IU ensures that there are always electives on campus.

Choose one elective for the 120-ECTS model from Electives A programmes:

- Business Analyst
- Data Engineer
- Data Science Specialist
- Technical Project Lead

Choose one elective for the 120-ECTS model from Electives B programmes:

- Applied Autonomous Driving
- Cognitive Computing
- Consumer Behaviour and Research
- Corporate Finance
- Industrial Automation and Internet of Things
- Innovate and Change
- Management
- Sales, Pricing and Brand Management
- Self Learning Systems



www.iu.org

MASTER (M.ENG.) ENGINEERING MANAGEMENT

It is becoming increasingly important in our digital world to combine technical expertise with relevant skills in leadership and communication—especially for engineers. Our Master of Engineering Management combines in-depth technical know-how with a variety of innovative topics from management theory and practice. From project management to leadership to managerial economics, this practice-oriented programme will give you the knowledge, confidence and authority to assert yourself as a leader at the interface between engineering and management.

**Degree**

Master of Engineering (M.Eng.)

**Fees**

From €121 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

12 months

**Credits**

60 ECTS

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May/Jun	Leadership		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Internet of Things		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Product Development		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Performance Measurement		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	International Marketing		5 ECTS	E
			2		
Apr/May/Jun	Oct/Nov/Dec	Quality Management and Sustainability		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Manufacturing Methods Industry 4.0		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Seminar: Current Issues in Engineering Management		5 ECTS	WARE
Online		Master Thesis		15 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

WHAT YOU'LL LEARN

- Learn to combine in-depth technical know-how with a variety of innovative trends, theory, and insights in business management.
- Learn to design processes in the context of product development.
- Get familiar with new trends such as Industry 4.0 and the Internet of Things and be able to integrate innovations into existing business processes.
- Dive into project management, leadership and managerial economics.
- Gain expertise and confidence to successfully lead teams, projects, and resources at the interface between engineering and management.

CAREER

After completing your Master's degree in Engineering Management, you will be able to take up positions as a team leader in the engineering sector, work at the interface between management and production or work in product management.



IU International

MASTER (M.A.) INFORMATION TECHNOLOGY MANAGEMENT

Information Technology is driving digital transformation, forming the basis for innovative business processes. IT managers are in high demand due to their knowledge on building and developing digital services. IU's Information Technology Management programme equips you with the tools required to succeed in these leadership positions. You will gain industry- specific knowledge and business-related skills to start out on a career path in managing IT. This 120-ECTS degree programme is ideal for undergraduates who have gained a bachelor's degree in business or management and want to move into the exciting IT field. Learn to develop and implement IT strategies to lead companies and teams to success.

Looking to boost your career in IT with a master's degree, but graduated your bachelor studies in a different field? You can start this 60-ECTS degree if you demonstrate relevant work experience in IT. In this way, you can link relevant IT specific knowledge with excellent management skills.

**Degree**

Master of Arts (M.A.)

**Duration**

60 ECTS: 12 months

**Study start**

Anytime

**Credits**

60 or 120 ECTS

**Study model**

Online

**Fees**

From €98 per month

Study Content (60 or 120 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)
60 ECTS		
IT Systems: Software	1	5 ECTS
IT Systems: Hardware		5 ECTS
Networks and Distributed Systems		5 ECTS
IT Governance and Compliance		5 ECTS
IT Service Management		5 ECTS
Advanced Research Methods		5 ECTS
IT Strategy	2	5 ECTS
Elective A		10 ECTS
Master Thesis & Colloquium		15 ECTS
120 ECTS		
IT Systems: Software	1	5 ECTS
IT Systems: Hardware		5 ECTS
Networks and Distributed Systems		5 ECTS
Strategic Management		5 ECTS
International IT Law		5 ECTS
Advanced Research Methods		5 ECTS
IT Strategy	2	5 ECTS
IT Governance and Compliance		5 ECTS
IT Project Management		5 ECTS
IT Service Management		5 ECTS
Cyber Risk Assessment and Management		5 ECTS
Leadership		5 ECTS
Seminar: Standards and Frameworks	3	5 ECTS
Agile Project Management		5 ECTS
Elective A		10 ECTS
Elective B		10 ECTS
Master Thesis & Colloquium	4	15 ECTS

CHOOSE YOUR ELECTIVES

Choose one specialisation from the Elective subject area (60 ECTS):

- Applied Cyber Security and Data Protection
- Artificial Intelligence
- Big Data Applications
- Blockchain and Quantum Computing
- Change Management in Organisations
- Cloud Computing
- Communication and Negotiation
- Cyber Criminality
- Data Science and Analytics
- International and Intercultural Management
- Process Management with Scrum
- Project Management with PRINCE2®
- Salesforce Consultant
- Salesforce Developer
- Salesforce Sales

Choose one specialisation from the Elective subject area (120 ECTS):

- Applied Cyber Security and Data Protection
- Artificial Intelligence
- Big Data Applications
- Blockchain and Quantum Computing
- Change Management in Organisations
- Cloud Computing
- Communication and Negotiation
- Cyber Criminality
- Data Science and Analytics
- International and Intercultural Management
- Process Management with Scrum
- Project Management with PRINCE2®
- Salesforce Consultant
- Salesforce Developer
- Salesforce Sales



IU International

MASTER (M.SC.) DATA MANAGEMENT

Data management is going to become one of the top ten most sought-after skills in the near future. Experts at master level in particular are already in great demand today: As a data manager, you design secure systems that represent added value for your organisation. In the advanced programme in Data Management, you will learn the skills to lead demanding projects where you are required to process and store large amounts of data. You will acquire practical skills in data processing, data storage, data analysis and reporting. You can also specialise in fields like master data handling or cyber security.



Degree

Master of Science (M.Sc.)



Study start

60 ECTS: 1st September 2023*

120 ECTS: 1st March 2023*

Afterwards: Anytime



Study model

Online



Duration

60 ECTS: 12 months

120 ECTS: 24 months



Credits

60 or 120 ECTS



Fees

From €98 per month (120 ECTS)

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content (60 or 120 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)
60 ECTS		
	1	
Concepts in Data Management		5 ECTS
Database Concepts and Technologies		5 ECTS
Data Query Languages		5 ECTS
NoSQL Databases		5 ECTS
Seminar: Ethic & Societal Considerations in Data Management		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Seminar: Cloud Providers and Services		5 ECTS
Electives A		10 ECTS
Master Thesis & Colloquium		15 ECTS
120 ECTS		
	1	
Concepts in Data Management		5 ECTS
Database Concepts and Technologies		5 ECTS
Data Query Languages		5 ECTS
NoSQL Databases		5 ECTS
Seminar: Ethic & Societal Considerations in Data Management		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Data Engineering		5 ECTS
Big Data Technologies		5 ECTS
Data Warehousing, Pipelines and Orchestration		5 ECTS
Managing Data Projects		5 ECTS
Seminar: Cloud Providers and Services		5 ECTS
Project: Data Engineering		5 ECTS
	3	
Programming with Python		5 ECTS
Project: Data Analysis in the Cloud		5 ECTS
Elective A		10 ECTS
Elective B		10 ECTS
	4	
Master Thesis & Colloquium		15 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives B” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead



IU International

MASTER (M.SC.)

BUSINESS INTELLIGENCE

Database administration, business intelligence and reporting services are still among the IT trends of the coming years, not least because they support companies in making data-driven decisions in order to be prepared for the future. The master's degree in Business Intelligence offers a well-rounded and, at the same time, specialised training in business intelligence and qualifies graduates to take on responsibility in processing, storing and visualizing company-specific data.



Degree

Master of Science (M.Sc.)



Study start

60 ECTS: 1st September 2023*

120 ECTS: 1st March 2023*

Afterwards: Anytime



Study model

Online



Duration

60 ECTS: 12 months

120 ECTS: 24 months



Credits

60 or 120 ECTS



Fees

From €95 per month (120 ECTS)

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content (60 or 120 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)
60 ECTS		
	1	
Concepts in Data Management		5 ECTS
Database Concepts and Technologies		5 ECTS
Big Data Technologies		5 ECTS
Data Warehousing, Pipelines and Orchestration		5 ECTS
Managing Data Projects		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Seminar: Cloud Providers and Services		5 ECTS
Electives A		10 ECTS
Master Thesis & Colloquium		15 ECTS
120 ECTS		
	1	
Concepts in Data Management		5 ECTS
Database Concepts and Technologies		5 ECTS
Data Query Languages		5 ECTS
NoSQL Databases		5 ECTS
Seminar: Ethic & Societal Considerations in Data Management		5 ECTS
Advanced Research Methods		5 ECTS
	2	
Data Engineering		5 ECTS
Big Data Technologies		5 ECTS
Data Warehousing, Pipelines and Orchestration		5 ECTS
Managing Data Projects		5 ECTS
Seminar: Cloud Providers and Services		5 ECTS
Project: Data Engineering		5 ECTS
	3	
Programming with Python		5 ECTS
Project: Data Analysis in the Cloud		5 ECTS
Electives A		10 ECTS
Electives B		10 ECTS
	4	
Master Thesis & Colloquium		15 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives B” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead








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MASTER (M.SC.) ARTIFICIAL INTELLIGENCE

AI is the sweet spot where mathematical minds meet creativity and vision for a better, more efficient world. A Master's in AI at IU provides you with key technical knowledge, tools, and training and helps you apply this to practical use cases for innovation or industry disruption.

The exciting thing about a degree in artificial intelligence? The huge scope of industries you can enter once graduated. You could move into computer science, automotive, mechanical engineering, healthcare, or even the arts—AI is driving change in nearly all sectors. With this degree, you'll not only have the right skills to achieve top-level career positions but also a great understanding of the social impacts, risks, and business opportunities that AI presents; making you highly attractive to future employers.

At IU, you can select one of four different AI master programmes, including a 120-credit option with specialisations, a shorter 60-credit degree in Artificial Intelligence, or the “Artificial Intelligence for Robotics” and “Artificial Intelligence for Autonomous Vehicles” both also worth 60 ECTS credits. We offer great flexibility in our courses and in our approach to learning to suit your style, speed, and interests.

	Degree Master of Science (M.Sc.)		Fees From €121 per month (60 ECTS); from €98 per month (120 ECTS)
	Study start Anytime*		
	Study model available Online		
	Duration Online: 12 months (60 ECTS); 24 months (120 ECTS)		

*From 1st of August 2022, the 120-ECTS variant of this programme will be reaccredited with a larger elective area! If you want to start this programme already now, you can do so with the currently available electives. (The process of accreditation for this programme is still ongoing. We are expecting Ministry approval at the very latest by the start of the study programme. So far, all IU programmes have been accredited and approved successfully on time.)

Study Content (60 or 120 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
60-ECTS MODEL			
	1		
Machine Learning		5 ECTS	E
Deep Learning		5 ECTS	OA
Use Case and Evaluation		5 ECTS	OA
Reinforcement Learning		5 ECTS	WAWA
Seminar: Current Topics in AI		5 ECTS	WARE
Project: AI Use Case		5 ECTS	P
	2		
Elective		10 ECTS	
Master Thesis & Colloquium		20 ECTS	WAMT & PC

CHOOSE YOUR ELECTIVES

Choose one elective for the 60-ECTS model Elective programmes:

- Advanced Robotics 4.0
- Applied Autonomous Driving
- Computer Vision and NLP

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE 120-ECTS-MODEL	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May	Artificial Intelligence		5 ECTS	E
Oct/Nov/Dec	Apr/May	Advanced Mathematics		5 ECTS	E
Oct/Nov/Dec	Apr/May	Programming with Python		5 ECTS	WAWA
Jan/Feb/Mar	Jul/Aug	Seminar: AI and Society		5 ECTS	WARE
Jan/Feb/Mar	Jul/Aug	Advanced Statistics		5 ECTS	AWB
Jan/Feb/Mar	Jul/Aug	Machine Learning		5 ECTS	E
			2		
Apr/May	Oct/Nov/Dec	Use Case and Evaluation		5 ECTS	OA
Apr/May	Oct/Nov/Dec	Project: AI Use Case		5 ECTS	P
Apr/May	Oct/Nov/Dec	Inference and Causality		5 ECTS	AWB
Jul/Aug	Jan/Feb/Mar	Deep Learning		5 ECTS	OA
Jul/Aug	Jan/Feb/Mar	NLP and Computer Vision		5 ECTS	OA
Jul/Aug	Jan/Feb/Mar	Software Engineering for Data Intensive Sciences		5 ECTS	OA
			3		
Oct/Nov/Dec	Apr/May	Reinforcement Learning		5 ECTS	WAWA
Oct/Nov/Dec	Apr/May	Seminar: Current Topics in AI		5 ECTS	WARE
Jan/Feb/Mar	Jul/Aug	Electives A		10 ECTS	
			4		
Apr/May	Oct/Nov/Dec	Electives B		10 ECTS	
Online		Master Thesis & Colloquium		30 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

Choose one elective for the 120-ECTS model from Electives A programmes:

- AI in E-Commerce, Marketing and Demand Forecast
- AI in Healthcare and Medical Imaging
- AI Specialist
- Applied Autonomous Driving
- Artificial Intelligence in FinTech
- Artificial Intelligence in Supply Chain Management
- Data Engineer
- Foundational Computer Vision
- Industrial AI
- et al.

Choose one elective for the 120-ECTS model from Electives B programmes:

- Advanced Robotics 4.0
- AI and its Application in Demand Forecast and Procurement
- AI for Analytics, Personalization and Recommender Systems
- Cognitive Computer Vision
- Consumer Behaviour and Research
- Corporate Finance
- Functional Security and Computer Vision for Autonomous Systems
- Industrial Automation & Computer Vision for Autonomous Systems
- Innovate and Change
- et al.



IU International

MASTER (M.A.) INTERNATIONAL HEALTHCARE MANAGEMENT

Medical and technological progress has led the healthcare sector to become a dynamic and fast-growing global industry. It also has a unique level of diversity in terms of companies and organisations, driven in part by changing consumer preferences. Management positions in this sector require a sound knowledge of healthcare markets, economic characteristics of health as a commodity as well as global healthcare structures. Our Master in International Healthcare Management offers solid foundations for a career in healthcare. Not only will you gain relevant business knowledge, but electives will enable you to gain a specialist understanding of issues central to the international healthcare industry.

**Degree**

Master of Arts (M.A.)

**Study start**

Official start date: 60 ECTS:

September 30th, 2022*.

120 ECTS: April 1st, 2022*.

Afterwards: Anytime

**Duration**

60 ECTS: 12 months

120 ECTS: 24 months

**Credits**

60 or 120 ECTS

**Fees**

Starting from €98 per month

**Study model**

Online

Study Content (60 or 120 ECTS)

MODULE TITLE	SEMESTER	CREDITS (ECTS)
60 ECTS		
1		
International Health Systems		5 ECTS
Managing in a Global Economy		5 ECTS
Healthcare Financing		5 ECTS
Advanced Research Methods		5 ECTS
Health Economics		5 ECTS
Seminar: Managing People and Organizations		5 ECTS
2		
Quality Assurance and Risk Management in Health		5 ECTS
Electives A		10 ECTS
Master Thesis & Colloquium		15 ECTS
120 ECTS		
1		
International Health Systems		5 ECTS
Managing in a Global Economy		5 ECTS
Health Policy and Planning		5 ECTS
Strategic Management		5 ECTS
Health Technology Assessment		5 ECTS
Advanced Research Methods		5 ECTS
2		
Health Economics		5 ECTS
Leadership		5 ECTS
Healthcare Financing		5 ECTS
Global Supply Chain Management		5 ECTS
Global Health		5 ECTS
Applied Statistics		5 ECTS
3		
Quality Assurance and Risk Management in Health		5 ECTS
Seminar: Managing People and Organizations		5 ECTS
Electives A & B		20 ECTS
4		
Master Thesis & Colloquium		30 ECTS

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Digital Health
- Public Health
- Innovation in Pharma and Medical Technology
- Accounting
- Consumer Behaviour and Research
- Corporate Finance and Investment
- Communication and Public Relations
- Data Science and Analytics
- Digital Marketing
- International and Intercultural Management
- Negotiation and International HR
- Product Development and Design Thinking
- Sales Management

Choose one elective from

“Electives A” list:

- Digital Health
- Public Health
- Innovation in Pharma and Medical Technology

Choose one elective from







“Electives B” list:

- Digital Health
- Public Health
- Innovation in Pharma and Medical Technology
- Accounting
- Consumer Behaviour and Research
- Corporate Finance and Investment
- Communication and Public Relations
- Data Science and Analytics
- Digital Marketing
- International and Intercultural Management
- Negotiation and International HR
- Product Development and Design Thinking
- Sales Management

www.iu.org

MASTER (M.A.) MARKETING MANAGEMENT

Managers in marketing and sales are faced with an increasingly complex and interactive range of tasks. Your future fields of employment after graduating with this master's degree are initial management positions in the areas of marketing and/or sales—in agencies, in small and medium sized enterprises, large international corporations, or NGOs.

- | | | | |
|--|--|---|---|
|  | Degree
Master of Arts (M.A.) |  | Fees
From €121 per month (60 ECTS); from €98 per month (120 ECTS) |
|  | Study start
Anytime | | |
|  | Study model available
Online | | |
|  | Duration
12 months (60 ECTS); 24 months (120 ECTS) | | |
|  | Credits
60 or 120 ECTS | | |

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content (60 or 120 ECTS)

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE 60-ECTS-MODEL	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May	International Consumer Behavior	1	5 ECTS	E
Oct/Nov/Dec	Apr/May	Applied Marketing Research		5 ECTS	E
Oct/Nov/Dec	Apr/May	Online and Social Media Marketing		5 ECTS	WACS
Jan/Feb/Mar	Jul/Aug	International Marketing		5 ECTS	E
Jan/Feb/Mar	Jul/Aug	Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar	Jul/Aug	Digital Business Models		5 ECTS	WACS
Oct/Nov/Dec	Apr/May	Seminar: Current Issues in Marketing	2	5 ECTS	WARE
Oct/Nov/Dec	Apr/May	Electives A		10 ECTS	
Online		Master Thesis & Colloquium		15 ECTS	WAMT & PC
1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE 120-ECTS-MODEL	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec		International Consumer Behavior	1	5 ECTS	E
Oct/Nov/Dec		Applied Marketing Research		5 ECTS	E
Oct/Nov/Dec		Online and Social Media Marketing		5 ECTS	WACS
Jan/Feb/Mar		International Marketing		5 ECTS	E
Jan/Feb/Mar		Advanced Research Methods		5 ECTS	WAWA
Jan/Feb/Mar		Seminar: Marketing Responsibility		5 ECTS	WARE
Apr/May		Applied Statistics	2	5 ECTS	E
Apr/May		Strategic Management		5 ECTS	E
Apr/May		Leadership		5 ECTS	E
Jul/Aug		Advanced Marketing Controlling		5 ECTS	E
Jul/Aug		Digital Business Models		5 ECTS	E/WACS
Jul/Aug		Digital Analytics and Strategies		5 ECTS	WACS
Oct/Nov/Dec	Apr/May	Seminar: Current Issues in Marketing	3	5 ECTS	WARE
Oct/Nov/Dec	Apr/May	Marketing Project		5 ECTS	WAPR
Jan/Feb/Mar	Jul/Aug	Electives A		10 ECTS	
Apr/May	Oct/Nov/Dec	Electives B	4	10 ECTS	
Online		Master Thesis & Colloquium		30 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, BWB = Basic Workbook, AWB = Advanced Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report, P = Portfolio, POP = Proof of Participation

CHOOSE YOUR ELECTIVES

Choose one module for the 60 ECTS Elective pool:

- Business Analyst
- Communication and Public Relations
- Digital Marketing Controlling
- E-Commerce
- Product Development and Design Thinking
- Sales Management
- Salesforce Consultant
- Strategic Marketing and Branding
- UI/UX Expert

Choose two modules for the 120 ECTS Elective pool:

- Business Analyst
- Communication and Public Relations
- E-Commerce
- Product Development and Design Thinking
- Sales Management
- Salesforce Consultant
- Strategic Marketing and Branding
- UI/UX Expert



IU International

MBA

ONE-YEAR MBA

There are many reasons to study a Master in Business Administration—no matter your academic background or point in your career. With an MBA you bring leadership competence and comprehensive knowledge from all core business disciplines to the table, developing expertise in finance, economics and leadership which will prepare you for any management role. An MBA teaches you how to analyse competitors and markets, develop new products and business ideas, advise customers, lead departments and teams or strategically position a brand. It is an excellent choice for anyone looking to enter a role in leadership or entrepreneurs that want to start their own business.

Our highly-rated “One-Year MBA” prepares you for the global job market with a hands-on approach and international orientation. You’ll gain a solid foundation for business administration and management and start to build a network of business contacts that could fuel your success later in your professional journey. You can also choose to extend your MBA, specialising in one of five areas and focusing on your ideal career. Our team and academics are always on hand to give you support and advice.



Degree

Master of Business Administration (MBA)



Fees

From €121 per month



Study start

Anytime



Study model available

Online



Duration

12 months



Credits

60 ECTS

Study Content

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
			1		
Oct/Nov/Dec	Apr/May/Jun	Leadership		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Innovation and Entrepreneurship		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Managerial Economics		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Performance Measurement		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	International Marketing		5 ECTS	E
			2		
Apr/May/Jun	Oct/Nov/Dec	Corporate Finance		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Business Ethics and Corporate Governance		5 ECTS	WAWA
Apr/May/Jun	Oct/Nov/Dec	Operations and Information Management		5 ECTS	WACS
Online		Master Thesis		15 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

WHAT YOU'LL LEARN

- Learn about corporate strategies, how to create and analyse performance metrics, and how to measure the success of teams, projects, and companies.
- Gain skills to lead team members, through change processes, personal development, and company success.
- Understand risk in managerial decision-making and challenges that companies regularly face while gaining a firm grasp on methods to overcome them.

CAREER

An MBA is recognised around the world and prepares you with methods, tools, and skills to make your mark on the business world. Whether you want to start your own business or enter top positions at big-name companies across the world, the “One-Year MBA” from IU will help you get to where you want to go.

WANT TO SPECIALISE FOR 30 MORE CREDITS?

IU also offers an MBA degree worth 90 ECTS credits where you can choose to major in a specific field or combine electives freely. Find out about all MBA programmes here: iu.org/mba



IU International

MASTER OF BUSINESS ADMINISTRATION (MBA)

A Master in Business Administration (MBA) is a great choice for anyone looking to enter top management positions around the world or start their own venture as an entrepreneur. An MBA prepares you for a successful career with a solid foundation in administration and management. It's also a great place to start building a network of business contacts of professors, business heads, and fellow students that you can rely on for the rest of your professional journey.

With this IU MBA option, you are able to select electives based on an industry area of your choice. This gives you time, skills, and research opportunities to ensure you're adequately equipped for your ideal career. Our MBA programme is recognised around the world and delivers the methods, tools, and insights you need with a hands-on, practical approach. Our team and academics are always there to support you and to help you follow the right path to your perfect career.

**Degree**

Master of Business Administration (MBA)

**Fees**

From €121 per month

**Study start**

Anytime

**Study model available**

Online

**Duration**

18 months

**Credits**

90 ECTS

Study Content

1. PRESENCE TIMEFRAME	2. PRESENCE TIMEFRAME	MODULE TITLE	SEMESTER	CREDITS (ECTS)	TEST TYPE
Oct/Nov/Dec	Apr/May/Jun	Leadership	1	5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Strategic Management		5 ECTS	E
Oct/Nov/Dec	Apr/May/Jun	Innovation and Entrepreneurship		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Managerial Economics		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	Performance Measurement		5 ECTS	E
Jan/Feb/Mar	Jun/Jul/Aug	International Marketing		5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Corporate Finance	2	5 ECTS	E
Apr/May/Jun	Oct/Nov/Dec	Business Ethics and Corporate Governance		5 ECTS	WAWA
Apr/May/Jun	Oct/Nov/Dec	Operations and Information Management		5 ECTS	WACS
On Campus		Electives A & B		20 ECTS	
Online		Master Thesis	3	25 ECTS	WAMT & PC

E = Exam, OA = Oral assignment, PC = Presentation: Colloquium, WB = Workbook, WABT = Written assessment: Bachelor thesis, WACS = Written assessment: Case study, WAMT = Written assessment: Master thesis, WAPR = Written assessment: Project report, WARE = Written assessment: Research essay, WAWA = Written assessment: Written assignment, OPR = Oral project report

CHOOSE YOUR ELECTIVES

For part of your degree, you will choose two specialisations so you can focus on an area or industry you're interested in. You have the possibility to combine your electives freely or to set a content-related focus by choosing subject-specific specialisations. Every elective module can only be chosen once.

Engineering Management

- Manufacturing Methods Industry 4.0 and Internet of Things
- Product Development and Design Thinking

Finance & Accounting

- Corporate Finance and Investment
- Advanced Management Accounting and Control

International Marketing

- Sales, Pricing and Brand Management
- Consumer Behaviour and Research

Big Data Management

- Data Science and Analytics
- Big Data

IT Management

- IT Project and Architecture Management
- IT Governance and Service Management

Artificial Intelligence

- Artificial Intelligence
- AI in Practice

E-Sports Management

- E-Sports Management
- E-Sports Marketing and Event Management

Healthcare Management

- Health Systems and Policy
- Economics of Health

Human Resource Management

- Human Resource Management: Theory
- Human Resource Management: Practice

Innovation & Entrepreneurship

- Entrepreneurial Ecosystems
- Innovation and Design Lab

Supply Chain Management

- Supply Chain and Sourcing Management
- Aspects of International Management

WHAT YOU'LL LEARN

- Build soft skills in management, communication, and intercultural collaboration in an international context, while developing your ability to lead projects, teams, and companies.
- Improve your judgment and critical thinking to be able to solve practical challenges and confidently make decisions based on data and industry knowledge.
- Gain experience in theory and practice and expand your industry knowledge to position yourself as a thought leader and specialist in your field.

CAREER

MBA graduates are highly attractive to employers all over the world. From exciting start-ups to large corporate leaders, an MBA from IU will help you find your path to a successful career in international management, all the while focusing on your specialist area.

USEFUL TERMS

FOR YOUR STUDIES

The most important terms explained briefly

ECTS

ECTS stands for European Credit Transfer System. This points system allows previous achievements from across Europe to be compared and recognised more easily. The credit points specifically show how much time it will take you to complete a module. One credit point corresponds to 30 hours of work. The credit points are awarded to you when you have successfully completed the module in question, regardless of your grade. The number of credit points you'll receive for your courses is specified in the curriculum.

CURRICULUM

The curriculum tells you which modules you have to complete for your online course. You can find your curriculum online on myCampus and here in this brochure.

GRADUATION

Graduation is when your academic degree is officially awarded at IU. This is when you'll receive your Bachelor's or Master's degree certificate, and you'll also be able to use the title of Bachelor or Master from this point on.

MODULE

A module is a teaching unit consisting of one or several lectures on a topic area. Your knowledge on this area will be tested in an exam at the end of the module. The module guide tells you exactly what you'll learn in a module.

MODULE GUIDE

The module guide describes the individual modules of your course in detail. You can find the module guide online on myCampus.

EXAMINATION REGULATIONS

The examination regulations govern the examination requirements and procedure. They are legally binding and the conditions of study are based on them. The conditions of study explain how the course is structured and what you need to prove to pass the exam. You can find the examination regulations and the conditions of study online on myCampus.

IMPRINT

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