**FLEXIBILITY AND INTEGRATION**

# ONLINE CERTIFICATE PROGRAMMES

Offer short-courses which are set up to **"stack" towards a degree** completion with focus on high-demanded job skills such as cyber security, artificial intelligence, data science & management courses

**Study start**
**anytime**

**Duration**
**50 – 150h per course**

**Admission requirements**
**none**

**Study model**
**online**

**Duration per course**
**1-2 months**

**Successful completion**
**certificate & 5 ECTS-equiv.**

- **EASY ENTRY POINT** with more than 100 certificate courses that "stack up" to more than 30 degrees
- **MODULAR & SCALABLE** portfolio with low-threshold entry conditions to learn initial skills
- **INDIVIDUALIZED LEARNING APPROACH** with a broad selection of learning fields

**>100**
courses

**ONLINE CERTIFICATE**

5 ECTS equiv.
~ 50 - 150h
~1-2 months

**ONLINE DIPLOMA**

4 online certificates

20 ECTS equiv.
~ 300h - 600h
~4-8 months

**ONLINE DEGREE**
Bachelor, Master, MBA

Depending on study programme

90 – 180 ECTS
18 – 36 x 150h
~24 – 48 months

## BACHELOR LEVEL

### Human Resoures
- International HR Management

### Marketing & Communication
- International Marketing
- Digital Future Commerce

### Business & Management
- Mathematics: Analysis
- Mathematics: Linear Algebra
- Statistics - Probability and Descriptive Statistics
- Statistics - Inferential Statistics
- Negotiation I
- Negotiation II
- Academic Integrity and Writing for Business
- Business Mathematics
- Global Corporations and Globalization
- Intercultural and Ethical Decision-Making
- Managerial Economics
- Organizational Behavior
- Principles of Management
- Supply Chain Management I
- International Contract Management

### IT & Tech
- Introduction to Programming with Python
- Machine Learning - Supervised Learning
- Business Intelligence
- Introduction to Data Science
- Big Data Technologies
- Machine Learning - Unsupervised Learning and Feature Engineering
- Database Modeling and Database Systems
- Smart Factory
- Electrical Engineering
- Requirements Engineering
- Introduction to Process Management
- Introduction to Computer Science
- Object-oriented Programming with Java
- Data structure and Java class library
- Web Application Development
- Business 101
- Corporate Finance and Investment
- Management Accounting
- Computer Architecture and Operating Systems
- Operating Systems, Computer Networks, and Distributed Systems
- Salesforce Platform App Builder
- Salesforce Platform Developer
- Introduction to Data Protection and Cyber Security
- Math Fundamentals*
- Python and SQL Programmer*
- Big Data Developer*

## MASTER LEVEL

### Marketing & Communication
- International Consumer Behavior
- Applied Marketing Research
- Global Brand Management
- Sales and Pricing
- Data Utilization
- Application Scenarios and Case Studies
- Use Case and Evaluation
- Machine Learning
- Deep Learning
- Programming with Python

## Business & Management

- Advanced Corporate Finance
- Investment Analysis and Portfolio Management
- Advanced Management Accounting & Control
- Current Issues in Accounting
- Product Development
- Leadership
- Change Management
- Business Ethics and Corporate Governance
- Managing in a Global Economy
- Strategic Management
- Operations and Information Management
- Corporate Finance
- Innovation and Entrepreneurship
- Managerial Economics
- Negotiation
- Performance Measurement
- International Marketing Manager*
- Finance & Accounting Manager*
- Product Development Engineer*
- Corporate Leader*
- Strategy Manager*

## IT & Tech

- IT Project Management
- IT Architecture Management
- IT Service Management
- IT Governance and Compliance
- Internet of Things
- Manufacturing Methods Industry 4.0
- Data Science
- Analytical Software and Frameworks

- Reinforcement Learning
- Software Engineering for Data Intensive Sciences
- Artificial Intelligence
- NLP and Computer Vision
- Advanced NLP and Computer Vision
- Architectures of Self-Driving Vehicles
- Case Study: Localization, Motion Planning and Sensor Fusion
- Advanced Mathematics
- Advanced Statistics
- Inference and Causality
- Industrial and Mobile Robots
- Industrial Automation
- Networks and Distributed Systems
- User Interface and Experience
- Algorithmics
- Big Data Technologies
- Business Intelligence
- Blockchain
- Cyber Security and Data Protection
- Data Engineering
- Quantum Computing
- Software Engineering: Software Processes
- AI Business Consultant*
- AI Consultant*
- AI Engineer*
- AI Project Manager*
- Autonomous Driving Developer*
- Machine Learning and Deep Learning Developer*
- Statistical Analyst*
- AI Business Expert**
- Autonomous Vehicles Specialist**

* Diploma
** Career path

iu INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES