# Upskilling

# **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





online







Duration

Duration per course 1-2 months

50-150h per course



Admission requirements none



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



# **BACHELOR LEVEL**

### IT & Tech

Applied Data Scientist*	Introduction to Programming with Python
Advanced Data Analysis	Introduction to Robotics
Algorithms, Data Structures, and Programming Languages	Introduction to the Internet of Things
Big Data Developer*	Machine Learning – Supervised Learning
Artificial Intelligence	Machine Learning – Unsupervised Learning and Feature Engineering
Business Analyst*	Management Accounting
Business Intelligence Data Analyst*	Mechanics – Statics
Business Intelligence Developer*	Object-oriented Programming with Java
Business 101	Operating Systems, Computer Networks, and Distributed Systems
Business Intelligence	Requirements Engineering
Computer Architecture and Operating Systems	Salesforce Platform App Builder
Computer Networks and Distributed Systems	Salesforce Platform Developer
Corporate Finance and Investment	Scientific and technical fundamentals
Data Quality and Data Wrangling	Sensor Technology
Data Science Software Engineering	Math Fundamentals*
Data structure and Java class library	Mathematical Developer*
Data Science Developer*	Signals and Systems
Data Science Software Engineer*	Smart Factory
Database Modeling and Database Systems	Software Engineering Principles
Data Visualization Developer*	Supply Chain Management Deepening
Digital Business Models	Technical Drawing
Electrical Engineering	Theoretical Computer Science and Mathematical Logic
Fundamentals of IT and ERP systems	Time Series Analysis
Introduction to Computer Science	Web Application Development
Introduction to Data Protection and Cyber Security	Python and SQL Programmer*
Introduction to Data Science	Software Algorithm Developer*
Introduction to Network Forensics	Data Analyst – Python*
Introduction to Process Management	

## Hospitality, Tourism & Event

Principles of Hospitality Management

Food and Beverage Management

#### **Human Resources**

International HR Management



## Marketing & Communications

Applied Sales Deepening	
Applied Sales Introduction	
Digital Future Commerce	
International Brand Management	
International Marketing	
Corporate Start-Up Developer*	
General Manager*	
Academic Integrity and Writing for Business	
Business Mathematics	
Change Management	
Collaborative Work	
Entrepreneurship and Innovation	
Financial Services Management Deepening	
Financial Services Management Introduction	
Global Corporations and Globalization	
Intercultural and Ethical Decision-Making	
International Contract Management	
Start-Up Business Developer*	
Introduction to User Research	
Managerial Economics	
Mathematics Deepening	
Mathematics Introduction	
Mathematics: Analysis	
Mathematics: Linear Algebra	
Negotiation Deepening	
Negotiation Introduction	
Organizational Behavior	
Principles of Management	
Specification	
Startup Financing	
Statistics – Inferential Statistics	
Statistics – Probability and Descriptive Statistics	
Supply Chain Management Introduction	

# MASTER LEVEL

IT & Tech	
Advanced Mathematics	Industrial Engineering Consultant*
Advanced NLP and Computer Vision	Inference and Causality
Advanced Statistics	Internet of Things
AI Business Consultant*	IT Architecture Management
Al Consultant*	IT Governance and Compliance
Al Engineer*	IT Project Management
Al Project Manager*	IT Service Management
Algorithmics	IT Strategy
Analytical Software and Frameworks	IT Systems: Hardware
Application Data Engineering Analyst*	IT Systems: Software
Application Scenarios and Case Studies	Machine Learning
Architectures of Self-Driving Vehicles	Machine Learning and Deep Learning Developer*
Artificial Intelligence	Management of IT Services and Architecture
Autonomous Driving Developer*	Manufacturing Methods Industry 4.0
Big Data Technologies	Networks and Distributed Systems
Blockchain	NLP and Computer Vision
Business Intelligence	Performance Development Leader*
Business Intelligence Manager*	Programming with Python
Case Study: Localization, Motion Planning and Sensor Fusion	Quantum Computing
Corporate Governance of IT, Compliance, and Law	Reinforcement Learning
Cyber Risk Assessment and Management	Secure Networking
Cyber Security and Data Protection	Security Software Analyst*
Cyber Systems and Network Forensics	Software Engineering for Data Intensive Sciences
Data Engineering	Software Engineering: Software Processes
Data Science	Software Process Engineer*
Data Science Analyst*	Statistical Analyst*
Data Utilization	Tools in Organizational Analysis
Deep Learning	Use Case and Evaluation
Industrial and Mobile Robots	User Interface and Experience
Industrial Automation	

#### **Marketing & Communications**

Advanced Marketing Controlling

Applied Marketing Research

Communication and Public Relations Deepening

Communication and Public Relations Introduction

E-Commerce Deepening

E-Commerce Introduction

Global Brand Management

International Consumer Behavior

International Marketing

Online and Social Media Marketing

Sales and Pricing

Sales Management Deepening

Sales Management Introduction

Advanced Management Accounting & Control

Advanced Research Methods

**Applied Statistics** 

Artificial Intelligence Manager\*

Business Ethics and Corporate Governance

Change Management

Corporate Finance

Corporate Leader\*

Current Issues in Accounting

Digital Analytics and Strategies

Digital Business Models

Innovation and Entrepreneurship

Intercultural Management

International Marketing Manager\*

Leadership

Managerial Economics

Managing Across Borders

Managing in a Global Economy

Negotiation

Operations and Information Management

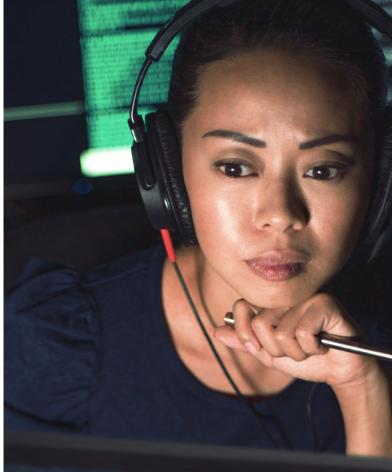
Performance Management

Product Development

Product Development Engineer\*

Strategic Management

Strategy Manager\*



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