	Autumn 1/22	Autumn 2/22	Spring 1/23	Spring 2/23

BBCAP22A3

Introduction to IT studies
CA00DW31-3001 Orientation & DIILI
CA00DW32-3001 Basics of Programming
CA00DW33-3001 Operating Systems
CA00DW34-3001 Finnish 1

Introduction to Software Development
CA00DW35-3001 Databases
CA00DW36-3001 Object-Oriented Programming
CA00DW37-3001 Basics of Data Analysis
CA00DW38-3001 Computer Networks & Security
CA00DW39-3001 Finnish 2

Web Development
CA00DW40-3001 Building a Static Website
CA00DW41-3001 Web Programming
CA00DW42-3001 Content Management Systems
CA00DW43-3001 Finnish 3

Software Development
TK00DW30-3001 Applied Application Project
TK00DG63-3002 Software Development Tools
TK00DG54-3002 Web Services

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CA00DW44-3001 Finnish 4

OR

Cloud Foundations
TK00DJ19-3003 Cloud Services
TK00DJ20-3003 Cloud-Based Business Solutions
TK00DJ21-3003 Agile Business Solution Development

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CA00DW44-3001 Finnish 4

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Business Analytics
CA00DL56-3001 Predictive Analytics with Python
CA00DL57-3001 Foundations of Data Engineering
CA00DL58-3001 Digital and Social Media Analytics

Automating Business Processes
CA00DL59-3001 Software Robotics and Automation
CA00DL60-3001 Software Design
CA00DL61-3001 Minithesis

Backend Web Development
TK00DH19-3001 Web Accessibility
TK00DH20-3001 JavaScript
TK00DH21-3001 Web Framework Project

OR

Data Science
TK00DH09-3001 Mathematics for Data Science with Python
TK00DH10-3001 Big Data Technologies
TK00DH11-3001 Applied Machine Learning

OR

Delivering Software Products
TK00DJ32-3001 Software Delivery Models & Methods
TK00DJ30-3001 Web Servers
TK00DJ29-3001 Containerization
TK00DJ31-3001 Software Delivery Tools

BBCAP20A3

CA00CH52-3002
Artificial Intelligence and Big Data

CA00CH57-3002
Introduction to Game Engine Development and AR/VR

CA00CI06-3002
ICT Project

Final Thesis
9900CQ19 Thesis – Planning
9900CQ20 Thesis – Implementation
9900CQ21 Thesis – Finishing
9900CQ22 Thesis – Maturity Test