ROBOTICS AND ARTIFICIAL INTELLIGENCE (ON-CAMPUS – JANUARY START) (MSc/PgDip/PgCert)

57H6RJB1/61H6RSVX/62H6RSVZ

Duration: MSc 12 months full-time; PgDip 9 months full-time; PgCert 4 months full-time.

Content: Candidates shall be required to attend the following designated programme of courses:

Stage 1

PD5506   Getting Started at the University of Aberdeen (0 credit points)
CS551K   Software Agents and Multi-Agent Systems (15 credit points)
CS552J   Data Mining with Deep Learning (15 credit points)
EG551T   Mathematical Optimisation (15 credit points)
EG554V   Kinematics and Dynamics of Industrial Robot Arms (15 credit points)

Stage 2 (MSc candidates only)

EG59M2   MSc Individual Project [in Robotics and Artificial Intelligence] (60 credit points)

Stage 3

CS5062   Machine Learning (15 credit points)
CS5079   Applied Artificial Intelligence (15 credit points)
EG505P   Intelligent Robotics for Energy Infrastructure (15 credit points)
EG5067   Project Management (15 credit points)

Assessment: By a combination of written examination and course work as prescribed for each course. In addition, MSc candidates must submit a dissertation on their individual project and may be required to undergo an oral examination.

The Degree of MSc shall not be awarded to a candidate who fails to achieve a CGS Grade of D3 or above in the individual project, irrespective of their performance in other courses.