

INDUSTRIAL ROBOTICS (ON-CAMPUS) (JANUARY START) (MSc/PgDip/PgCert)

57H67JB1/61H67JVX/62H67JVZ

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)
EG551T	Mathematical Optimisation (15 credit points)
EG554V	Kinematics and Dynamics of Industrial Robot Arms (15 credit points)
EG555K	Rehabilitation Engineering and Biomechanics (15 credit points)

Stage 2 (MSc candidates only)

EG59M2	Individual Project (60 credit points)
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Stage 3

CS5079	Applied Artificial Intelligence (15 credit points)
EE501T	Advanced Control Engineering (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.