

University of the West of England (UWE Bristol)

www.uwe.ac.uk

MSc Robotics

Location: Bristol

Start: September

Duration: 1 year

Tuition Fees: £16,750

English requirement: UKVI IELTS 6.5 (no less than 5.5 in any bands)

Content

The following core modules are indicative of the course structure:

- Robotics Systems (20 credits)
- Robotic Fundamentals (15 credits)
- Human-Robot Interaction. (15 credits)
- Machine Vision (15 credits)
- Robotics Research Technology and Methods (20 credits)
- Introduction to Artificial Intelligence (10 credits)
- Dissertation (60 credits)

Plus one optional module from:

- Advanced Control and Dynamics
- Assistive Robotics
- Robot Learning and Teleoperation.

In addition, one optional module from:

- Bio-Inspired Artificial Intelligence
- Intelligent Information Systems
- Transport and mobility Modelling
- Soft Robotics

#####

De Montfort University

www.dmu.ac.uk

MSc Mechatronic and Robotics

Location: Leicester

Start: September, January

Duration: 1 year (September), 16 months (January)

Tuition Fees: £17,600

Requirement: IELTS 6.0 (5.5 each band)

Course modules:

- Embedded Systems & System Integration
- Machine Vision, Robotics and Artificial Intelligence
- Engineering Business Environment and Research Methods
- Digital Signal Processing, Control, and Instrumentation
- Individual Project

#####

University of East London (UEL)

www.uel.ac.uk

MSc Robotic Construction

Location: London

Start: September

Duration: 1 year

Tuition Fees: £15,960

English requirement: UKVI IELTS 6.0 (with a minimum of 6.0 in Writing and Speaking, 5.5 in Reading and Listening)

Course content

Core Modules

- Mental Wealth: Professional Life (Engineering Management)

- Robotic Construction and Integrative Technologies
- Environmental Sustainable Engineering & Logistics
- Digital Design Techniques
- Research Skills and Dissertation

#####

University of Essex

www.essex.ac.uk

MSc Intelligent Systems and Robotics

Location: Colchester

Start: October

Duration: 1 year

Tuition Fees: 22,400

English requirement: UKVI IELTS 6.0 (no less than 5.5 in any bands)

Course content

Core

- MSc Project and Dissertation (60 CREDITS)

Compulsory

- Intelligent Systems and Robotics (15 CREDITS)
- Machine Learning (15 CREDITS)
- Programming Embedded Systems (15 CREDITS)
- Computer Vision (15 CREDITS)
- Professional Practice and Research Methodology (15 CREDITS)
- Group Project (15 CREDITS)

Optional: options from list (30 credits)

- Electronic System Design and Integration (15 CREDITS)
- Game Artificial Intelligence (15 CREDITS)
- Physics-Based Games (15 CREDITS)
- Data Science and Decision Making (15 CREDITS)
- Neural Networks and Deep Learning (15 CREDITS)

#####

University of Leeds

www.leeds.ac.uk

MSc Mechatronics and Robotics

Location: Leeds

Start: September

Duration: 12 months

Tuition Fees: £31,000

English requirement: UKVI IELTS 6.5 (no less than 6.0 in any bands)

Modules

Year 1 compulsory modules

Module Name	Credits
Modern Industry Practice	15
Professional Project	60
Team Design Project	15

Year 1 optional modules (selection of typical options shown below)

Module Name	Credits
Bio-Inspired Computing	15
Power Electronics and Drives	15
FPGA Design for System-on-Chip	15
Control Systems Design	15
Embedded Microprocessor System Design	15
Medical Electronics and E-Health	15
Programming	15

Module Name	Credits
Engineering Computational Methods	15
Aerial Robotics	15
Biomechatronics and Medical Robotics	15

#####

University of Manchester

www.manchester.ac.uk

MSc Robotics

Location: Manchester

Start: September

Duration: 1 year

Tuition Fees: £35,000

Application Fees: £60 (non-refund)

English requirement: UKVI IELTS 7.0 (no other element below 6.5)

Course unit list:

Semester 1:

- 1- Robotic Systems (15 credits)
- 2- Foundations of Machine Learning (15 credits)
- 3- Software for Robotics (15 credits)
- 4- Robotic Systems Design Project (30 credit unit – 15 credits per semester)

Semester 2:

- 5- Autonomous Mobile Robots (15 credits)
- 6- Robotic Manipulators (15 credits)
- 7- Cognitive Robotics and Computer Vision (15 credits)
- 8- Robotic System Design Project (30 credit unit – 15 credits per semester)

Summer:

- 9- Dissertation (60 credits)

Course unit list

The course unit details given below are subject to change, and are the latest example of the curriculum available on this course of study.

Title	Code	Credit rating	Mandatory/optional
Autonomous Mobile Robots	AERO60492	15	Mandatory
Robotic Systems Design Project	AERO62520	30	Mandatory
Foundations of Machine Learning	COMP61011	15	Mandatory
Cognitive Robotics and Computer Vision	COMP61342	15	Mandatory
Dissertation	EEEN60070	60	Mandatory

#####

Middlesex University

www.mdx.ac.uk

MSc Robotics

Location: London

Start: September

Duration: 1 year

Tuition Fees: £17,300

English requirement: UKVI IELTS 6.0 (no less than 5.5 in any bands)

Modules

- Mobile Robotics (15 credits) - Compulsory
- Robot Manipulation (15 credits) - Compulsory
- Machine Learning for Robotics (15 credits) - Compulsory

- Intelligent Sensing for Robotics (15 credits) - Compulsory
- Robot Control (30 credits) - Compulsory
- Robotic Systems Integration (30 credits) - Compulsory
- Project (60 credits) - Compulsory

#####

Staffordshire University

www.staffs.ac.uk

MSc Robotics and Smart Technologies

Location: Stoke-on-Trent, Staffordshire

Start: September, January

Duration: 13 months

Tuition Fees: £16,750

Requirement: IELTS 6.0 (5.5 ทุกแบนรณ)

Course modules

Compulsory modules

- Artificial Intelligence And Machine Learning – 15 credits
- Autonomous Vehicles – 15 credits
- Engineering Design And Manufacture – 15 credits
- Internet Of Things Devices – 15 credits
- MSc Project - 60 credits
- Real-Time Embedded Systems And Control – 15 credits
- Research Methods And Project Management – 15 credits
- The Professional Engineer (Masters) – 15 credits

#####

University of Surrey

www.surrey.ac.uk

MSc Computer Vision, Robotics and Machine Learning

Location: Surrey

Start: September, February

Duration: 1 year

Tuition Fees: £26,500

English requirement: UKVI IELTS 6.5 (with 6.0 in writing and 5.5 in each other element)

Modules

Module title	Status	Semester
COMPUTER VISION AND PATTERN RECOGNITION	Optional	1
FUNDAMENTALS OF DIGITAL SIGNAL PROCESSING	Optional	1
INTERNET OF THINGS	Optional	1
SATELLITE REMOTE SENSING	Optional	1
SPEECH & AUDIO PROCESSING & RECOGNITION	Optional	1
ADVANCED TOPICS IN COMPUTER VISION AND DEEP LEARNING	Compulsory	2
AI AND AI PROGRAMMING	Compulsory	2
APPLIED MACHINE LEARNING	Compulsory	2
ROBOTICS	Compulsory	2
60 CREDIT STANDARD PROJECT	Core	Year-long

Four optional modules in Semester 1 to be selected but only one level 6 module EEE3008 OR EEE3032 can be selected

No optional modules in Semester 2

No more than two modules at FHEQ level 6 may be selected in the whole year

#####

เอกสารที่ใช้ในการสมัครเรียน คือ

- Transcript
- ใบปริญญาบัตรจบ ป.ตรี (ถ้ามี)
- หนังสือรับรองการจบ (ถ้ายังไม่ได้รับใบปริญญา)
- หนังสือรับรองว่าจบหลักสูตร Inter. Program มา (ถ้าจบ Inter. Program มา)
- Resume / CV
- Statement of Purpose (SOP) (เขียนว่าทำไมถึงอยากเรียนสาขาวิชานี้ประมาณ 1 หน้ากระดาษ)
- Recommendation Letter จากอาจารย์ / จากที่ทำงาน 2 ท่าน
- ผล UKVI IELTS (ส่งตามที่หลังได้)
- Copy passport

เอกสารที่ใช้ในการสมัครเรียน ถ้าไม่สะดวกที่จะเอาเข้ามาให้พี่ที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งเข้าอีเมลมาให้พี่ได้นะคะ ที่ leenar@studyoverseas.co.th ค่ะ ถ้าน้องมีคำถามเพิ่มเติมหรือต้องการข้อมูลเพิ่มเติมโทรสอบถามพี่ได้นะคะที่ 081-6449867, 089-6820168 ค่ะ หรือ [Line Official: @study-soc](https://www.line.me/@study-soc)

ขอบคุณค่ะ
พี่ต๋อ

Miss Leenar Tasukon
Education Counselor

Study Overseas Centre Co.,Ltd
Website: www.studyoverseas.co.th

Study Overseas Centre Co.,Ltd

OFFICE MAP

ADDRESS:
984/22-27
ช.ปรีดิพเบมยงค์ 40
น.สุขุมวิท 71
แขวงคลองตันเหนือ
เขตวัฒนา กรุงเทพฯ
10100

TEL:
081-6449867
081-3532864,
089-6820168

แผนที่โรงแรม สบายสบาย@สุขุมวิท
Study Overseas Centre Co.,Ltd ออฟฟิศอยู่ในโรงแรม Sabai Sabai @ Sukhumvit Hotel