

MSc Automotive Engineering

Location: Birmingham

Start: September, January

Tuition Fees: £12,000

Requirement: IELTS 6.5

Course content:

- Research Methods
- Advanced Dynamics
- Advanced Systems Engineering
- Control Engineering
- Vehicle Control Systems
- Advanced Powertrains and Controls
- Master's Project

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Coventry University

www.coventry.ac.uk

MSc Automotive Engineering

Location: Coventry

Start: September, January

Tuition Fees: £14,311

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

The course has the following modules:

- Masters Project (Industry or Academic based)
- Engineering Project Management
- Computer Aided Engineering
- Noise Vibration and Harshness
- Engineering Analysis and Simulation
- Ground Vehicle Dynamics
- Powertrain and Engine Dynamics
- Ground Vehicle Aerodynamics
- Alternative Propulsion Systems

MSc Automotive Journalism

Location: Coventry

Start: September, January

Tuition Fees: £11,846

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

Modules:

- Law, Ethics and Public Administration;
- Multiplatform Journalism Practice;
- Automotive Industry in Context;
- Specialist Professional Practice;
- Journalism Themes and Issues;
- Postgraduate Journal;
- MA Journalism Research Project.

MA Automotive Design

Location: Coventry

Start: September

Tuition Fees: £12,656

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

The first term will be spent achieving a grounding in the basics of automotive design. Vehicle packaging, automotive modelling, and the business of the automotive industry are all covered in lectures, seminars and studio classes within the first three months. We have an ongoing programme of visiting lectures delivered by senior figures in automotive design, automotive journalism and business.

The second term will involve further skill developments plus a 'live' design project run in conjunction with the automotive industry. Our recent collaborators include PSA (Peugeot-Citroen), Ford and Renault. During this exciting project you will learn to work in teams to achieve a design output for demanding clients.

During the third term you will undertake more design projects and start researching for your MA major project. Your major project takes up the whole of the final term, leading up to the industry-sponsored MA Degree Show at the end of the year.

MSc Design and Transport

Location: Coventry

Start: September

Tuition Fees: £12,656

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

On this postgraduate Design and Transport MSc degree course you will study:

- design concept generation and development;
- modelling of designs and systems;
- human factors;
- sustainability.

You will also take part in collaborative group working.

All areas of non-specialist automotive transport may be proposed for study including marine design, public transport design, rail design, motorbike design and bicycle design.

MSc Highways and Transportation Engineering

Location: Coventry

Start: September

Tuition Fees: £14,311

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

This course comprises of nine topics in total, (listed below).

- Safety engineering
- Geometric and pavement design
- Bridge engineering
- Traffic engineering
- Earthwork engineering
- Transportation planning
- Global Professional Development
- Integrated Project
- Technical project

MSc Air Transport Management

Location: Coventry

Start: September

Tuition Fees: £14,311

Requirement: IELTS 6.5

Scholarship: £500 - £1,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลดเพิ่มอีก 5%

WHAT WILL I LEARN?

- Air Transport Planning, Design and Operations;
- Air Transport Strategy and Marketing;
- Aviation Safety, Security and Emergency Planning;
- Airline Strategy, Finance and Economics;
- Air Transport Business Simulation;
- Project Management;
- Research Methods and Project Introduction.

In addition you must satisfactorily complete an individual and group aviation project.

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Brunel University

www.brunel.ac.uk

MSc Automotive and Motorsport Engineering

Location: London

Start date: September

Tuition Fee: £17,500

Requirement: IELTS 6.0

Course Content: The course will allow students the option of specialising in automotive engineering or motorsport engineering, both in the optional modules and the dissertation. Every student also produces a group project, usually carried out with four or five other students. The group project involves the design, manufacture, assembly, and testing of a single seater racing vehicle, that will take part in the annual Formula Student competition in July with over 70 teams competing in the event.

Compulsory Modules: Racing Team Management and Vehicle Testing

- Advanced Vehicle Dynamics, IC Engines, Materials and Manufacturing
- Major Group Project
- Dissertation

Optional Modules: Students choose two of the four modules below

- Advanced Modelling and Design
- Advanced Thermofluids
- Racing Legislation, Finance and Sponsorship
- Racing Vehicle Design and Performance

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University of Huddersfield

www.hud.ac.uk

MSc Automotive Engineering

Location: Huddersfiels

Start: September, January

Tuition Fees: £13,000

Requirement: IELTS 6.0

Scholarship: £2,000 และถ้าจ่ายค่าเรียนเต็มจะได้รับส่วนลด £500

Course content: The course offers three main integrated strands: - Automotive Sciences for System Design and Performance Evaluation - Computer Aided Design, Analysis and Optimisation - Noise, Vibration Refinement and Measurement

The flexible nature of the programme enables you to develop an individual automotive theme through the selection of research based activities most relevant to your aspirations.

Core modules:

- Advanced Automotive Chassis Systems
- Vehicle Dynamic Performance Evaluation
- Applied Computer Aided Design
- Advanced Static Analysis
- Advanced Dynamic Analysis
- Total Quality Engineering
- Vehicle Aerodynamics and Air Management
- Professional Development and Research Methods
- Individual Project

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Staffordshire University

www.staffs.ac.uk

MSc Automotive Engineering

Location: Stoke-on-Trent Campus

Start: September

Tuition Fees: £12,000

English Requirement: IELTS 6.0

Course content:

The course consists of 8 taught modules plus a major personal project leading to a written thesis. The taught modules cover the broad range of activities involved in vehicle design. You will study topics such as solid and surface modelling, rapid prototyping, Finite Element Analysis, advanced engine design and aerodynamics. The subject area of your final thesis can be selected to suit your own aspirations and interests. You will be assigned a supervisor with whom you will work closely to develop an academically challenging portfolio of work. The focus of this project will determine whether you will opt for the title of MSc Automotive or MSc Autosport.

Core modules are:

- MECH70568 Research Methods & Project Management
- MECH70628 Design Technologies for Master
- MECH70647 Structural Integrity
- MECH70599 Advanced Engine Design
- MECH70577 Advanced Vehicle Aerodynamics
- MECH70578 Advanced Vehicle Dynamics
- ELEC70315 Control Systems
- ELEC70312 Project

Option Modules are:

- MECH70590 Applied Structural Integrity
- MECH70610 Sustainable Design & Manufacture
- MECH70599 Advanced Engineering Materials
- MECH70672 Industrial Placement MSc Engineering Handbook

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MSc Automation and Computer Vision

Location: Bristol
Start: September, January
Tuition Fees: £12,500
Requirement: IELTS 6.5
Scholarship: ทุน 10% ถ้าจบน ABAC ไม้ต้องใ้ IELTS

Course content:

You will study 180 credits made up of various taught modules and a 60 credit final project.

- Automation and Control (30 credits)
- Machine Vision (30 credits)
- Managing finance (15 credits)
- Project management (15 credits)
- Industrial applications (15 credits)
- Industrial case studies (15 credits)
- You will also work on an individual project (60 credits)

MSc Transport Planning

Location: Bristol
Start: September, January
Tuition Fees: £12,500
Requirement: IELTS 6.5
Scholarship: ทุน 10% ถ้าจบน ABAC ไม้ต้องใ้ IELTS

Course content:

Throughout the course, you will acquire the knowledge and skills transport planning employers look for in potential employees. You will also focus on how spatial planning interacts with transport needs and transport systems, and we encourage you to be open to new ideas and to critically examine established practices.

- Transport economics and appraisal
- Travel demand analysis
- Transport policy and finance
- Changing travel behavior

You will also study:

- Plan making
- Implementation and design quality
- Dissertation - This includes research training and the potential for a work placement.

MSc Transport Engineering and Planning

Location: Bristol
Start: September, January
Tuition Fees: £12,500
Requirement: IELTS 6.5
Scholarship: ทุน 10% ถ้าจบน ABAC ไม้ต้องใ้ IELTS

Course content:

Throughout the course you will acquire the knowledge and skills transport engineers and planners look for in potential employees. The course focuses on the modelling of transport systems and transport infrastructure engineering, as well as covering demand forecasting and appraisal. We encourage you to be open to new ideas and critically examine established practices.

The course modules cover the following topics:

- Transport Infrastructure Engineering
- Traffic Engineering
- Transport Economics and Appraisal
- Travel Demand Analysis
- Transport Policy and Finance
- Changing Travel Behaviour
- Sustainable Transport Management and Operations

You will also study:

- Introduction to Geographical Information Systems

This module introduces students to fundamental concepts related to GIS and its application, and develops the fundamental practical skills that are developed and extended in the rest of the programme. Using a variety of data students will undertake a GIS project in their chosen field.

- Dissertation - including research training and the potential for a work placement



MSc Automotive Engineering

Location: Manchester

Start: September, January

Tuition Fees: £14,400

Requirement: IELTS 6.5

Course content:

This course can be taught full-time over 1 year, or part-time over 2 years. If taught full-time all units will be taken within 1 year.

Core units

- Automotive Engineering and Vehicle Dynamics
- MSc Engineering Project

Option units

- Management Practice
- Manufacturing Systems Management
- Engineering Structural Integrity
- Computational Mechanics
- Bioengineering
- Sustainable Energy Systems
- Rail Infrastructure and Engineering Strategy
- Smart Technologies for Power Management

Optional units listed in the following curriculum structures are all approved for delivery, but may not all run/be available in any one academic session.

Click below for unit information.

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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 IELTS (ส่งตามที่หลังได้)
- Copy passport

เอกสารที่ใช้ในการสมัครเรียน ถ้าไม่สะดวกที่จะเอาเข้ามาให้พี่ที่ออฟฟิศ น้องสามารถที่จะสแกนแล้วส่งเข้าอีเมลล์มาให้พี่ได้นะคะ ที่ leelar@studyoverseas.co.th คะ ถ้าน้องมีคำถามเพิ่มเติมหรือต้องการข้อมูลเพิ่มเติมโทรสอบถามพี่ได้นะคะที่ 089-6820168 คะ

Miss Leelar Tasukon
Education Counselor

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