



STAFFORDSHIRE
UNIVERSITY

UCAS Code:
H391

BSc(Hons) Motorsport Technology

UNDERGRADUATE
COURSE INFORMATION

Key Facts

Faculty of Computing,
Engineering and
Technology

Location:
Stafford Campus

Duration:
3 years full-time
4 years with placement
year

Entry requirements:
Typical offer: 240 UCAS
points.

A levels: CCC or CDD

plus C at AS.

BTEC: MMM.

All applicants are
individually assessed.

Detailed entry

requirements can be
found on each of our

online course pages or by
visiting [www.staffs.ac.uk/
ugentryrequirements](http://www.staffs.ac.uk/ugentryrequirements)

Accredited by: IET



Collective **inspiration**

Available as a Top-up
from HND

At-a-glance

Developed with the assistance of the motorsport industry, this course will equip you with the skills necessary for a career at the forefront of the design function of the sector. Employment opportunities span motorsport, the automotive industry, second and third tier suppliers and beyond.

BSc(Hons) Motorsport Technology is designed to produce graduates who have a detailed understanding of the motorsport industry and the techniques employed within it. Combining practical experience with theoretical study, this course will enable you to gain a broad understanding of the sector.

Core subjects will help you to understand the complex world of Motorsport Technology. They will be brought to life with hands-on experience of race cars as well as computer simulations.

Further study develops these skills to make virtual environments within which your designs and simulations can run.

Your third year will include a major individual project within the motorsport field. This will be taken alongside a race car build project carried out within the group.

Learning the necessary skills to apply the right technology makes our graduates highly employable. Some have gone on to work for companies such as UltimaF3, Bowler and Renault World Series. Some, with exceptional skills, have chosen to study for a taught postgraduate MSc degree or progressed to postgraduate research for an MPhil or PhD degree.

Course Outline

Year 1

- Automotive Quantitative Methods
 - Design Technologies (Solid Modelling)
 - Essential Mechanics and Fluids
 - Instrumentation and Measurement
 - Team Management and Logistics
 - Race Car Design and Preparation
 - Automotive Electronic Systems
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Year 2

- Mechanical Technology
 - Advanced Design Technologies
 - Transport Technology
 - Vehicle Aerodynamics 1
 - Materials for Technologists
 - Engine Design 1
 - Motorsport Physics and Data Acquisition
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Optional placement year

Year 3

- Vehicle Dynamics
 - Vehicle Aerodynamics 2
 - Energy Efficient Motorsport
 - Professional Technologist
 - Individual Project
 - Engine Design 2
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**STAFFORDSHIRE
UNIVERSITY**

WHY STUDY AT STAFFORDSHIRE UNIVERSITY?

We have a reputation for preparing students to take on the world. Our courses deliver the skills and experiences employers value. Our lecturers know what it is you need to succeed in business because they're industry professionals. What we teach is not only quality assured but informed by the latest thinking and developments in the real world. And with excellent facilities, a lively social scene, and low cost of living, Staffordshire University is a great place to be a student.

The information in this leaflet is correct at the time of publication, but may be subject to change.

For the latest information visit www.staffs.ac.uk/undergraduate or call our enquiries team on 01782 294400.

Detailed entry requirements can be found on each of our online course pages or by visiting www.staffs.ac.uk/ugentryrequirements

For full, up-to-date details of our degrees and other courses, visit: www.staffs.ac.uk/undergraduate

For lots of friendly help and advice:
Call: 01782 294400
Email: enquiries@staffs.ac.uk

■ CREATE THE DIFFERENCE