University Centre Somerset

DEGREES FOR REAL LIFE

DIGITAL INNOVATION, ENGINEERING AND CLEAN ENERGY

PROSPECTUS
2026/27

4,300 UK BUSINESSES OPERATE IN THE MOTORSPORT SECTOR, SUSTAINING NEARLY 41,000 JOBS
(theengineer.co.uk)

AN EXPERIENCED SOFTWARE DEVELOPER CAN EARN UP TO £70,000
(nationalcareers.service.gov.uk)

THE SOUTH WEST CONSTRUCTION INDUSTRY NEEDS TO RECRUIT 42,800 WORKERS BY 2028 IN ORDER FOR THE SECTOR TO KEEP UP WITH DEMAND
(www.citb.co.uk)

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Faculty of Digital Innovation, Engineering and Clean Energy

With professional staff and advanced, modern facilities, the digital, construction and engineering departments at UCS offer a range of HNCs and degree programmes. All courses involve a mix of practical and theoretical learning, opening a world of possibilities in your chosen career.

Significant investment in recent years across our campuses has seen these departments thrive. As our partnerships with EDF Energy, the Nuclear Decommissioning Authority and the National Skills Academy (Nuclear) demonstrate, we deliver education that is grounded in the requirements and expectations of the 21st century.

Computing and Digital Technologies
Computing and Digital Technologies is one of the fastest growing industries on the planet and applies to all types of business. Our innovative, industry-focused degree programmes mean our students are well placed when it comes to their future prospects and grasping opportunities within this exciting industry.

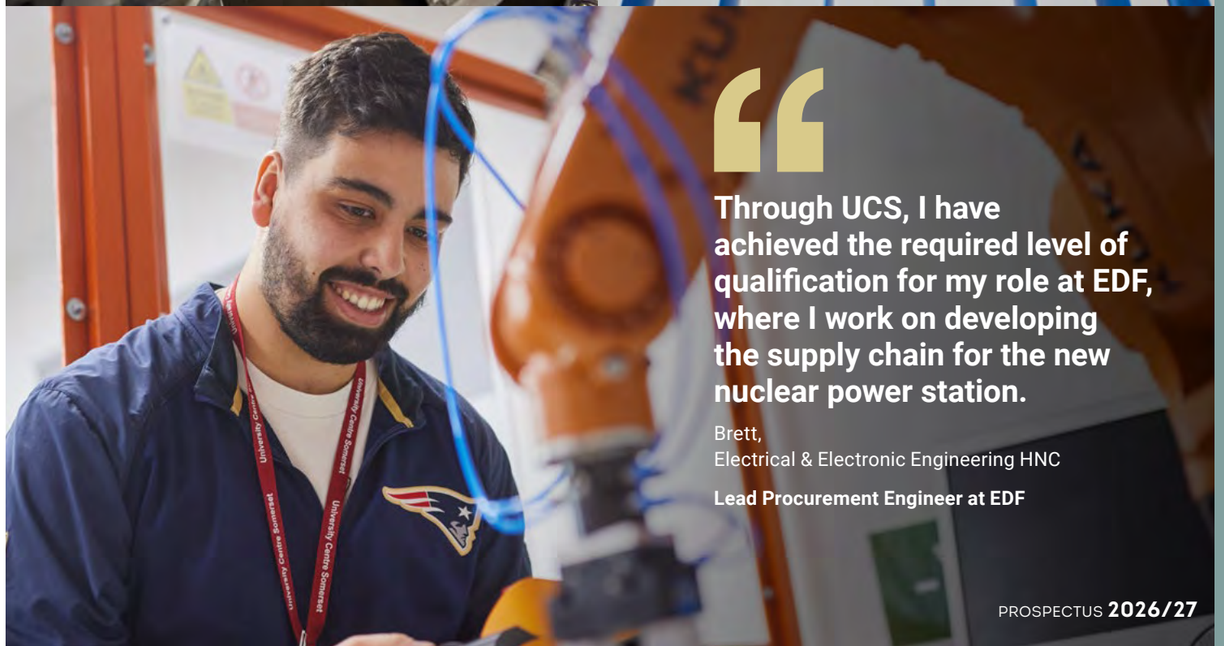
The teaching team have a wide range of technical specialist skills and experience of working in the digital industry. The curriculum covers an extensive range of subjects relevant to contemporary computing, from software development and web development through to network infrastructure planning and ethical hacking, including the latest technologies and hands-on experience with industry-standard processes and equipment.

At the Taunton campus you will have access to excellent computing and digital resources, including extended reality, a dedicated cyber security and networking suite and IoT development tools. Our programmes offer a practical and hands-on approach to learning that is contemporary, innovative, and more importantly, creates knowledgeable and employable graduates.

The Centre for Digital Technologies at the Taunton campus houses high-spec computers and a multi-purpose common area for study and enrichment. This allows free movement in a versatile space that encourages collaboration, discussion, research and independent work. Learning is enriched through presentations, video conferencing and guest speakers that make use of the latest communication technology.

Advanced Engineering Centre (AEC)
The AEC at our Bridgwater campus has created a perfect environment to support the fast-paced engineering industry. Creative problem solving, a key skill for all engineers, is promoted in the design thinking rooms, while hands-on learning in the materials lab develops understanding of the key principles in composites. There are also CNC machines and additive manufacturing tools for experience of modern manufacturing methods.

Energy Skills Centre
The flagship Energy Skills Centre at our Bridgwater campus provides opportunity and inspiration in equal measure. Our industry-standard laboratories and workshops are installed with an array of equipment that makes your learning experience all the richer. This includes the very latest computer-aided design facilities, robotic engineering equipment and space for fabrication, maintenance and modification.



Through UCS, I have achieved the required level of qualification for my role at EDF, where I work on developing the supply chain for the new nuclear power station.

Brett,
Electrical & Electronic Engineering HNC

Lead Procurement Engineer at EDF

Motorsport
The motorsport workshop is at our Bridgwater campus. Students have the opportunity to work on our own racing car and customer cars in fully equipped workshops using the latest tooling, diagnostics and IT equipment.

Our Motorsport Race Team has a strong heritage, as previous national champions of the BRSCC OSS, Castle Combe Sport and GT series and competes nationally with our custom-Built Suzuki Hayabusa-powered RLM 260 Edition Caterham, Esme.

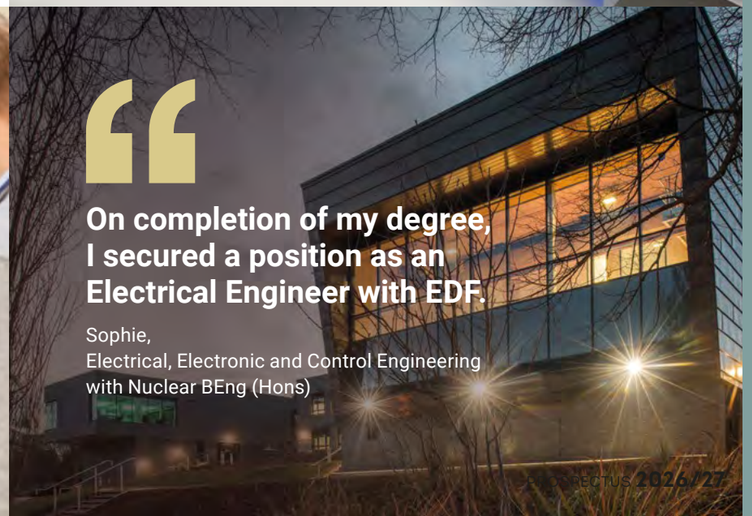
Construction
Our Construction provision is based in the Industry Skills Centre at our Taunton campus. Our lecturing team are experienced Construction specialists who are dedicated to supporting your progression through your HNC journey. We have invested significantly in our IT equipment and BIM software packages including Revit, AutoCad and Trimble Business Centre all of which you will have access to on campus and remotely.

The Surveying Equipment includes the latest Trimble Total Station and a complete GNSS surveying package. You will also experience the use of Drone technology and software for surveying.

Our Materials Lab includes full testing equipment to enhance your study with practical learning whilst studying units such as Hydraulic Principles, Geology, Soil Mechanics and Science & Materials.

National College for Nuclear
The National College for Nuclear (NCfN) was established to address the skills gap in the nuclear industry. It provides training and education for nuclear-related disciplines, including engineering, radiation protection, and decommissioning. NCfN aims to develop a highly skilled workforce for the future needs of the nuclear industry, supporting the UK's energy security and decarbonisation goals.

Students learn in cutting-edge facilities, including impressive virtual reality environments, labs and a unique nuclear engineering workshop complete with a state-of-the-art flow rig. This, coupled with our strong employer partnerships, offers a fantastic environment in which to kickstart a career in the energy sector.



On completion of my degree, I secured a position as an Electrical Engineer with EDF.

Sophie,
Electrical, Electronic and Control Engineering with Nuclear BEng (Hons)

Access to HE

An Access to Higher Education Diploma is designed to provide a route for learners aged 19 or over who possess few formal qualifications to progress to university-level study. It can lead to a wide range of career and higher education opportunities.

We currently offer two different routes, each with progression opportunities linked to them:

- **Nursing, Midwifery and Healthcare**
- **Science.**

In addition, the Access to HE course includes core study skills sessions to support learning and progression. These include:

- **Research and Study Skills**
- **Digital Skills**
- **English**
- **Maths**
- **UCAS application support**
- **Tutorial.**

Teaching and Assessment
The majority of modules are taught via lectures; other teaching methods include seminars, tutorials, workshops and guided learning/ independent activities. The Access to HE course utilises a blended learning approach, and some sessions will be delivered online.

Where does it lead?
Successful completion of this course will provide you with a qualification that will enable you to apply to study a university-level course. In recent years, students have gone on to study a wide range of degree courses including nursing, midwifery, veterinary science, radiography and dental hygiene/therapy.

Duration: 30 weeks
Location: Taunton

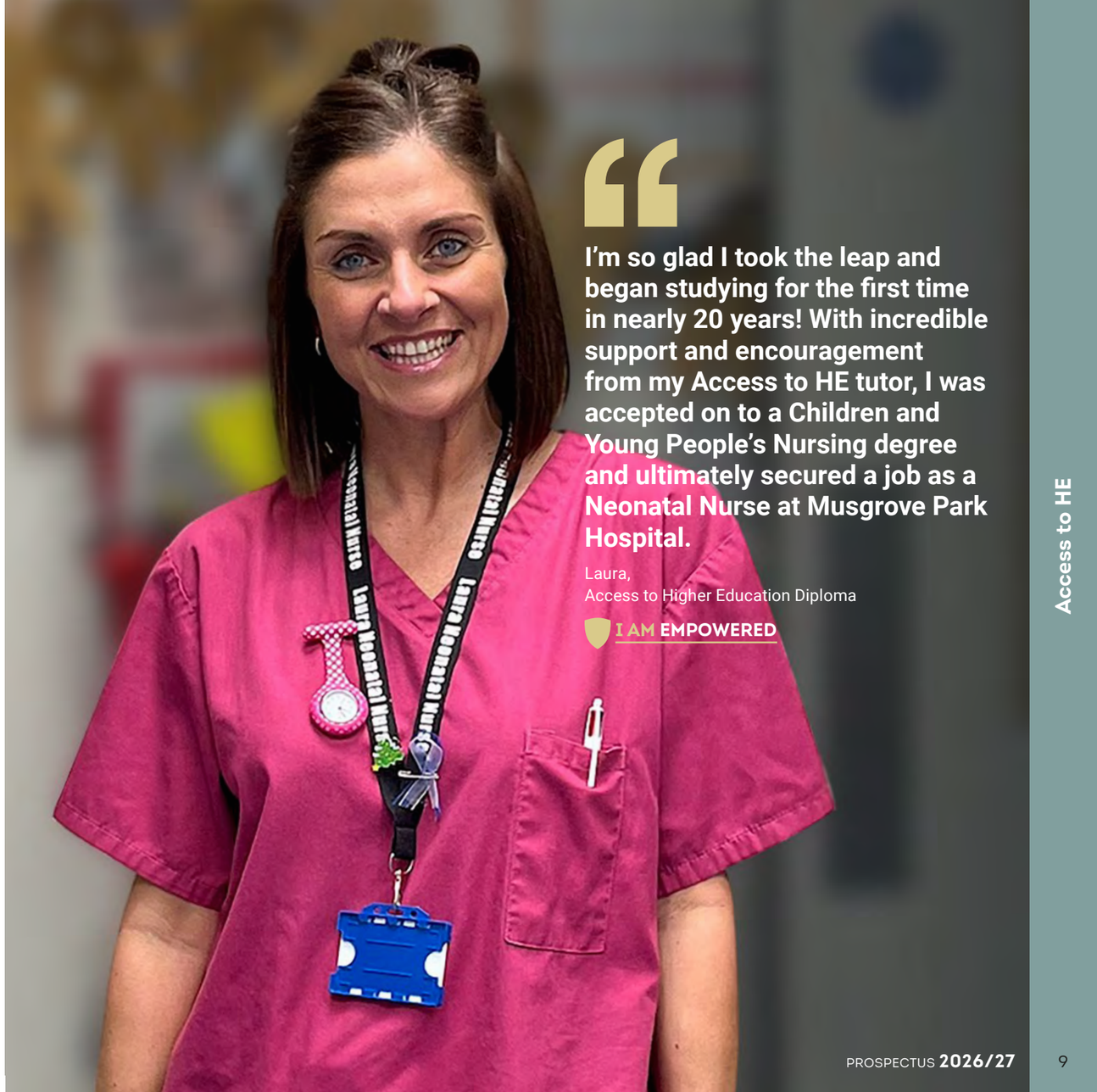
Entry requirements:
Students will need qualifications at Level 2 including a GCSE Grade C/4 in English (language or literature), Functional Skills Level 2 in English or equivalent qualifications. GCSE Grade D/3 in mathematics, Functional Skills Level 1 in maths or equivalent qualification. Learners should also have basic IT skills with a device that can be used for substantial written work, and an internet connection.

You are required to be aged 19 or over and may be eligible for a loan to cover your course fees.

If you complete an Access to HE course and then go on and complete a degree or other recognised higher education course, you will not have to repay the remaining loan for the Access to HE course.

Find out more

If you are looking for an Art & Design course to prepare for entry to a creative degree at university, please see the Art & Design Foundation Diploma (Pathways to HE) on our website, or on page 18 of the Business and Creative Industries prospectus.



Higher & Degree Apprenticeships

Our expertise and partnerships with over 1,500 local, regional and national employers enable us to provide a diverse range of Apprenticeships that help address the increasing demand for higher-level skills in Somerset and beyond.

An Apprenticeship is an effective way to study, as it enables individuals to gain a nationally recognised qualification while obtaining practical on-the-job experience.

Higher and Degree Apprenticeships have become a popular choice for individuals looking for a fast track into a career, as they provide the chance to gain applicable skills and knowledge about an industry. Higher Apprenticeships may include the achievement of academic/vocational qualifications at Level 4 and 5 such as HNCs, HNDs, and Foundation Degrees, while Degree Apprenticeships can provide qualifications up to Level 6 or 7, such as a full BA, BSc, or BEng Honours Degree, or in some cases, even a Master's Degree.

We work closely with our network of employers to offer Apprenticeships in a wide range of subjects, including nursing, nuclear engineering, leadership and management, and much more. UCS is continually updating its portfolio to support industry demand, ensuring that apprentices are gaining the most relevant and up-to-date knowledge and skills.

The length of an Apprenticeship can vary, with a Higher Apprenticeship lasting up to 5 years and a Degree Apprenticeship taking between 4 to 6 years. Apprentices are employed full-time by their respective employers, and the combination of work and study can vary from one employer to another. Some Apprenticeships may involve day release, studying at UCS one day per week, while others may involve block release or a blended approach that combines online and face-to-face learning.

If you're interested in pursuing an apprenticeship, our dedicated team is ready to help.
Call 01278 655111 or email **apprenticehelp@btc.ac.uk** for more information.

PART OF BRIDGWATER & TAUNTON COLLEGE

University Centre Somerset is part of Bridgwater & Taunton College, one of the largest apprenticeship providers in the country.

Higher & Degree Apprenticeships

Our Apprenticeship offer is continually developing and changing due to business demands and changes to the Apprenticeship structure. Therefore, this list should only be considered as a guide.

BUSINESS
Associate Project Manager Level 4
Operations/Departmental Manager Level 5

CONSTRUCTION
Construction Design and Build Technician Level 4

ENGINEERING AND NUCLEAR
Engineering Manufacturing Technician Level 4
Nuclear Engineer Level 6 Degree

HEALTH AND SOCIAL CARE
Lead Practitioner in Adult Care Level 4
Leader in Adult Care Level 5
Healthcare Assistant Practitioner Level 5
Leadership and Management for Adult Care Level 5
Nursing Associate Level 5
Registered Nurse Level 6

HEALTH AND FITNESS
Sports Coach Level 4
Occupational Therapist Level 6*
Youth Worker Level 6*

LAND-BASED
Countryside Ranger Level 4

Find out more

**subject to validation & approval*

Computing and Digital Technologies

BSc (Hons)

I chose UCS as the course content interested me. My greatest achievement has been developing a mobile app for Bridgwater Carnival, made possible through links between UCS and the carnival. This real-life experience has prepared me for my future career in mobile development.

Ben,
Computing & Digital Technologies
BSc (Hons)

I AM COMMUNITY MINDED

The Open University

We are living in one of the most documented and interconnected periods in our history with many aspects of our daily lives now being assisted by increasingly complex digital technology.

From smartphones and smart TVs to self-driving cars and big data systems, our economy places great importance on serious computing and programming skills to shape the future of society. Develop skills in Computing and Digital Technologies and you'll be employable the world over.

Modules may include:

- **Software Engineering**
- **Secure Software Design**
- **Web Application Development**
- **Full Stack Development**
- **Network Infrastructure Management**
- **Ethical Hacking**
- **Cloud Infrastructure Design and Deployment**
- **Cyber Incident Response**
- **Application of Emerging Technologies**
- **Principles of Data Science.**

Teaching and Assessment
Our specialist teaching staff have hands-on experience of working in computing, and offer expert tuition in labs and classrooms. Assessment is through a mix of assignments, practical work, reports, presentations and live scenarios. There are no formal examinations, only coursework.

As part of the course, you will be required to undertake projects both in groups and individually using industry-standard software. You will have access to specialist resources such as the Extended Reality equipment, Cyber Security and Networking Labs, as well as the opportunity to pursue Cisco accreditations as part of our Cisco Academy.

A prominent feature of the course is the use of in-course assessment, where modules are assessed by the course teaching team as you complete them. The focus of the degree is the final year computing project, showcasing your high-level computer skills in a practical project of your choice.

This course is typically delivered on-site two days a week across the academic year.

Progression Opportunities
As a Computing and Digital Technologies graduate, you will be equipped with a range of professional and technical skills that are all highly desirable to prospective employers. Moreover, you'll have experience of working in real-world environments and on real-world projects where adaptability and the ability to handle pressure are essential.

ENTRY REQUIREMENTS

Typically entrants will possess:

- A minimum of 80 UCAS points from a full Level 3 qualification in a related area
- At least four GCSEs at grade 4 and above including English and maths (equivalent Level 2 in English may be considered).

Type:	Bachelors Degree
UCAS Code:	I160
Institution code:	B70
Attendance:	Full-time
Location:	Taunton
Awarding body:	The Open University

Computing and Digital Technologies

Foundation Degree

The Open University

This Foundation Degree will provide a rigorous study of the theory and principles underlying Computing and Digital Technologies; developing and challenging students to establish a high degree of expertise in the application, integration and critical evaluation of a range of Computing and Digital Technologies, principles and practices.

The programme provides opportunities for students to develop products and relationships with regional, national and international companies involved with Computing and Digital Technologies, as well as foster their own professional skills to support the South West. It also enhances employability of students by providing training with industry-standard software and access to specialist resources such as the Extended Reality equipment, Cyber Security and Networking Labs, as well as the opportunity to pursue Cisco accreditations as part of our Cisco Academy.

Modules may include:

- **Software Engineering**
- **Web Application Development**
- **Full Stack Development**
- **Network Infrastructure Management**
- **Cyber Incident Response**
- **Application of Emerging Technologies**
- **Principles of Data Science.**

Teaching and Assessment

Our specialist teaching staff have hands-on experience of working in computing, and offer expert tuition in labs and classrooms. Assessment is through a mix of assignments, practical work, reports, presentations and live scenarios. There are no formal examinations, only coursework. As part of the course, you will be required to undertake projects both in groups and individually.

A prominent feature is the use of in-course assessment, where modules are assessed by the teaching team as you complete them. This course is typically delivered on-site two days a week across the academic year.

Progression Opportunities

The Foundation Degree is a perfect platform for progression on to the BSc (Hons) Top-up Degree. You will be equipped with a range of computer skills that are all highly desirable to prospective employers.

ENTRY REQUIREMENTS

Typically entrants will possess:

- A minimum of 64 UCAS points from a full Level 3 qualification in a related subject area
- At least four GCSEs at grade 4 and above including English and maths (recognised Level 2 in English may be considered).

Type:	Foundation Degree
UCAS Code:	I159
Institution code:	B70
Attendance:	Full-time
Location:	Taunton
Awarding body:	The Open University

There may be the opportunity to study our full-time courses on a part-time basis, please contact us to discuss.

HIGHER TECHNICAL QUALIFICATION

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs. The Computing and Digital Technologies Foundation Degree at UCS was one of the first Digital HTQs in the country.

Computing and Digital Technologies

BSc (Hons) Top-up

After finishing at UCS I went on to work as a Software Support Engineer. The course aligned perfectly with my aspirations to enter the tech industry.

Kieran,
Computing & Digital Technologies
(BSc Hons) Graduate

Software Support Engineer

I AM INDUSTRY READY

The BSc (Hons) Top-up programme provides students with the skills and knowledge to enter a range of computing professions, which have seen increased demand for employees at graduate level, and aims to equip learners with the necessary skills and academic standing to enter postgraduate study.

It also enhances employability of students by providing training with industry-standard software and access to specialist resources such as the Extended Reality equipment, Cyber Security and Networking Labs, as well as the opportunity to pursue Cisco accreditations as part of our Cisco Academy.

Modules may include:

- **Software Development and Quality Assurance**
- **Smart Device Application Development**
- **Penetration Testing and Ethical Hacking**
- **Artificial Intelligence and Machine Learning**
- **Individual Project.**

Teaching and Assessment
Our specialist teaching staff have hands-on experience of working in computing, and offer expert tuition in labs and classrooms. Assessment is through a mix of assignments, practical work, reports, presentations and live scenarios. There are no formal examinations, only coursework.

A prominent feature of the course is the use of in-course assessment, where modules are assessed by the course teaching team as you complete them. A main focus of the programme is the professional computing project, showcasing your high-level computer skills in a practical project of your choice. This course is typically delivered on-site two days a week across the academic year.

Progression Opportunities
As a BSc (Hons) Computing and Digital Technologies graduate, you will be equipped with a range of professional and technical skills that are all highly desirable to prospective employers.

ENTRY REQUIREMENTS

Typically entrants will possess:

- Foundation Degree or an HND or an equivalent Level 5 qualification in an appropriate discipline
- At least four GCSEs at grade 4 and above including English and maths.

Type:	Bachelors Degree
UCAS code:	I161
Attendance:	Full-time
Location:	Taunton
Awarding body:	The Open University

There may be the opportunity to study our full-time courses on a part-time basis, please contact us to discuss.

Construction Management for England

HNC Level 4

The personal support and encouraging positivity from my lecturers have given me a zeal for further study to build a strong career in the construction industry.

Pronto,
Construction Management
HNC

I AM INDUSTRY READY

PEARSON

This course equips you with a nationally recognised professional qualification that enhances your workplace skills and helps prepare you to advance your career in the construction industry. The course can be studied part-time or as part of an Apprenticeship. The Higher Nationals and Higher Technical Qualifications (HTQs) consist of eight units, covering key knowledge and practical skills for the sector.

Units may include:

- **Construction Design Project**
- **The Construction Environment**
- **Construction Technology**
- **Legal and Statutory Requirements in Construction**
- **Digital Applications for Construction Information.**

Teaching and Assessment
Assessment is a mix of assignments, presentations and project work for each of the eight units.

Progression Opportunities
There are a huge range of career choices within the construction professions, such as site manager, quantity surveyor, or civil engineering technician, so successful completion of the HNC really does open doors. In addition, you could go on to study at HND or degree level.

ENTRY REQUIREMENTS

Typically entrants will possess:

- Level 3 qualification in a relevant subject
- GCSEs at grade 4 and above, including English and maths.

Other appropriate qualifications may be taken into consideration, or relevant work experience.

Type:	HNC Level 4
Attendance:	Part-time
Location:	Taunton
Awarding body:	Pearson

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs.

Quantity Surveying for England

HNC Level 4

My Lecturers have come from industry, which means they have the knowledge and experience to answer questions with real-life examples. The lessons provide the theory suited for the work you're doing, giving me what I need to progress up the career ladder.

Patrick,
Construction and the Built Environment Apprenticeship Level 4

I AM KNOWLEDGEABLE

PEARSON

This course equips you with a nationally recognised professional qualification that enhances your workplace skills and helps prepare you to advance your career in the construction industry. The course can be studied part-time or as part of an Apprenticeship. The Higher Nationals and Higher Technical Qualifications (HTQs) consist of eight units, covering key knowledge and practical skills for the sector.

Units may include:

- **Tender & Procurement**
- **Building Information Modelling**
- **Measurement and Estimating**
- **Construction Economics & Sustainability**
- **Quantity Surveying Practice.**

Teaching and Assessment
Assessment is a mix of assignments, presentations and project work for each of the eight units.

Progression Opportunities
There are a huge range of career choices within the construction professions, such as site manager, quantity surveyor, or civil engineering technician, so successful completion of the HNC really does open doors. In addition, you could go on to study at HND or degree level.

ENTRY REQUIREMENTS

Typically entrants will possess:

- Level 3 qualification in a relevant subject
- GCSEs at grade 4 and above, including English and maths.

Other appropriate qualifications may be taken into consideration, or relevant work experience.

Type:	HNC Level 4
Attendance:	Part-time
Location:	Taunton
Awarding body:	Pearson

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs.

Electrical & Electronic Engineering for England

HNC Level 4

I work as a Project Manager for EDF. I chose UCS for its in-person learning and convenient location. The course has already helped me apply electrical principles in real-world scenarios, and I'm excited to build my technical skills further to advance my career at EDF.

Belinda,
Electrical Engineering HNC

I AM INDUSTRY READY

PEARSON

This course is designed for those looking to develop a career in electrical and electronic engineering, with the emphasis on applying electrical, electronic and control principles to practical situations such as PLC and robot work cells. You will be studying in state-of-the-art engineering facilities, with industry-standard equipment such as robotic, PLC and process control technology. This course is normally studied part-time (one day) over two years, but there is the option to study full-time (two days) over one year.

You will be taught by staff with strong industry experience and links to key employers. In addition, fellow students will come from a broad range of employers. This course can also form the academic part of a Higher Apprenticeship.

Modules may include:

- **Engineering Design**
- **Engineering Maths**
- **Managing a Professional Engineering Project**
- **Electrical and Electronic Principles**
- **Automation Robotics & PLCs.**

Teaching and Assessment
Continuous assessment of your performance will be carried out by means of assignments and may include laboratory work, investigations, projects, practical exercises and integrative assignments that link various subject areas.

Progression Opportunities
You could choose to progress on to an HND course or study a degree course at a university of your choice. Alternatively, you could progress to employment. Graduates find roles within industries such as electronic, electrical, instrumentation, project and technical sales engineer manufacturing, automotive, aerospace, energy and water.

The HNC formed a key part of my apprenticeship. I now work as a Safety Engineer at Defence Equipment & Support (DE&S), part of the Ministry of Defence.

Harry,
Electrical & Electronic Engineering
HNC

ENTRY REQUIREMENTS

Typically entrants will possess:

- Level 3 qualification in a relevant subject
- GCSEs at grade 4 and above, including maths.

Mature applicants with relevant experience who do not have the stated entry requirements are encouraged to apply.

Type:	HNC Level 4
Attendance:	Part-time
Location:	Bridgwater
Awarding body:	Pearson

HIGHER TECHNICAL QUALIFICATION

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs.

Manufacturing Engineering for England

HNC Level 4

Since graduating, I have been working as an Advanced Manufacturing Engineer at Honeywell.

Toby,
Manufacturing Engineering HNC

PEARSON

This course is designed for those looking to develop a career in manufacturing engineering, with the emphasis on applying engineering principles to practical situations such as CAD/CAM and production lines. You will study in state-of-the-art engineering facilities, with industry-standard equipment. The units studied offer a broad understanding of key principles in production and manufacturing. This course is normally studied part-time (one day) over two years, but there is the option to study full-time (two days) over one year.

The course is designed to provide the knowledge and understanding of how advanced and innovative engineering underpins the manufacturing industry. This course can also form the academic part of a Higher Apprenticeship.

Modules may include:

- **Engineering Design**
- **Engineering Maths**
- **Managing a Professional Engineering Project**
- **Production Engineering for Manufacture**
- **Quality and Process Improvement**
- **Industrial Robots**
- **Computer Aided Design and Manufacture (CAD/CAM).**

Teaching and Assessment
Continuous assessment of your performance will be carried out by means of assignments and may include laboratory work, investigations, projects, practical exercises and integrative assignments that link various subject areas.

Progression Opportunities
You could choose to progress on to an HND course or study a degree course at a university of your choice. Alternatively, you could progress to employment. Graduates find roles within industries such as production, quality and maintenance engineer manufacturing, automotive, aerospace, energy and water.

ENTRY REQUIREMENTS

Typically entrants will possess:

- Level 3 qualification in a relevant subject
- GCSEs at grade 4 and above, including maths.

Mature applicants with relevant experience who do not have the stated entry requirements are encouraged to apply.

Type:	HNC Level 4
Attendance:	Part-time
Location:	Bridgwater
Awarding body:	Pearson

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs.

Mechanical Engineering for England

HNC Level 4

I got into engineering quite late, I didn't do it straight out of school, but it's never too late to go back and relearn or retrain for something new. UCS allowed me to do that.

Ashley,
Mechanical Engineering HNC Graduate

SME Engagement Manager at the National Composites Centre

I AM EMPOWERED

PEARSON

This course is designed for those looking to develop a career in mechanical engineering, with the emphasis on applying mechanical theory to practical situations. You will study in state-of-the art engineering facilities, with industry-standard equipment. This course is normally studied part-time (one day) over two years, but there is the option to study full-time (two days) over one year.

Mechanical engineers research, develop and manage projects devising innovative solutions in design and manufacture. The course is designed to provide the knowledge and understanding of how advanced and innovative engineering underpins the mechanical design, advanced manufacturing and technical service areas of the industry.

This course can also form the academic part of a Higher Apprenticeship.

Modules may include:

- **Engineering Design**
- **Engineering Maths**
- **Managing a Professional Engineering Project**
- **Mechanical Principles**
- **Fundamentals of Thermodynamics and Heat Engines**
- **Fluid Mechanics.**

Teaching and Assessment
Continuous assessment of your performance will be carried out by means of assignments and may include laboratory work, investigations, projects, practical exercises and integrative assignments that link various subject areas.

Progression Opportunities
You could choose to progress on to an HND course or a degree course at a university of your choice. Alternatively, you could progress to employment.

Graduates find roles within industries such as mechanical, design, quality control and technical support engineer manufacturing, automotive, aerospace, energy and water.

ENTRY REQUIREMENTS

Typically entrants will possess:

- Level 3 qualification in a relevant subject
- GCSEs at grade 4 and above, including maths.

Mature applicants with relevant experience who do not have the stated entry requirements are encouraged to apply.

Type:	HNC Level 4
Attendance:	Part-time
Location:	Bridgwater
Awarding body:	Pearson

HIGHER TECHNICAL QUALIFICATION

Higher Technical Qualifications (HTQs) have been specifically developed with employers and businesses so that students will get the training, knowledge, and skills they are looking for, unlocking high-skilled and highly paid jobs.

Motorsport Engineering

BEng (Hons) Subject to validation

Studying Motorsport gave me the practical experience and personalised teaching that set the foundation for my career. Now, as Head of Trackside Systems for McLaren F1, I travel the world, lead critical race operations, and apply the skills I gained to thrive in the high-pressure world of Formula One.

UCS ELEVATE | INDUSTRY READY

Joel,
Motorsport Engineering
Foundation Degree Graduate,

Head of Trackside Systems,
McLaren MTR1 Formula One Team

I AM **PROFESSIONAL**

University Centre Somerset
DEGREES FOR REAL LIFE

Embark on an exhilarating journey into motorsport engineering with our comprehensive programme.

Designed to fuel your passion for high-speed innovation, our curriculum merges cutting-edge theory with hands-on experience, preparing you for the fast-paced world of motorsport engineering. In addition to studying the qualification, there may be trips, visits and guest lectures, and you may have the opportunity to get involved with our race team.

All learners will be expected to carry out a work placement with an industry-relevant provider.

Modules may include:

- **Maths for Motorsport Engineers**
- **Engineering Science**
- **Applied Electronics and Data Acquisition**
- **Computer Aided Design and Manufacture**
- **Composite and Material Technology**
- **Computer Aided Engineering**
- **Motorsport Fluid and Aero Dynamics**
- **Powertrain Technology.**

Teaching and Assessment
Depending on the module, lectures could take place in the classroom, workshop or lab. Assessment is primarily via coursework. The coursework may include practical workshop activities, lab work, project work, presentation or report writing.

Progression Opportunities
On successful completion, you will be qualified to enter employment within the motorsport industry.

ENTRY REQUIREMENTS

Typically entrants will possess:

- A minimum of 80 UCAS points from a full Level 3 qualification in a relevant subject
- GCSEs including English at grade 4 or above and maths at grade 5 or above.

Additional costs
In order to supplement your course there may be additional costs associated with PPE, trips/visits and materials for project work.

Type:	Bachelors Degree
Institution code:	B70
UCAS code:	to be confirmed
Attendance:	Full-time
Location:	Bridgwater
Awarding body:	University Centre Somerset (subject to OfS approval)

There may be the opportunity to study our full-time courses on a part-time basis, please contact us to discuss.

Mechanical Engineering with Nuclear

BEng (Hons)

I value the support from staff and the essential skills I've gained in time management, research, report writing, teamwork, communication and management. On completion, I aim to become a senior engineer in the nuclear industry.

Osamah,
Mechanical Engineering with Nuclear
BEng (Hons)

I AM HIGHLY SKILLED

The multi award-winning National College for Nuclear has state-of-the-art facilities including a reactor simulator and virtual reality training environment designed to provide students with high-tech, specialist training to support the nuclear industry.

Working with our industry partners such as EDF Energy, AWE, Cavendish Nuclear and Magnox ensures the training and education provides a world-class experience that develops the skills needed in this high profile, technical and demanding sector. These partnerships allow you to gain technical knowledge and practical experience, along with behavioural and personal skills, required for your future career. These are acquired through a mix of learning in the workplace, learning through the National College for Nuclear and the opportunity to practise and embed new skills in a real-world context.

Modules are taught in seminar-style classroom and workshop settings, in a mix of face-to-face and online study. Plus, specialist guest speakers from the industry enhance your knowledge and understanding of the sector. Mathematics is embedded throughout, rather than taught as a separate module.

Modules may include:

- **Nuclear Science, Materials, and Design**
- **Solid Mechanics**
- **Thermofluidic Dynamics**
- **Electromechanical Systems Engineering**
- **Heat Transfer and Power**
- **Electromechanical Systems and Design**
- **Electromechanical Systems Analysis**
- **Advanced Nuclear Science and Project Management**
- **Stress, Materials and FEA**
- **Thermofluid Systems and CFD**
- **Industrial Nuclear Science and Technology**
- **Nuclear Project Dissertation.**

Teaching and Assessment
This course is delivered on a modular block basis, completing 4 modules per year (if full-time) of 5 weeks each, following a typical academic year. There may be opportunities for residential trips during the course, which will require separate payment of fees. You are assessed on your knowledge and skills on an ongoing basis and will have to demonstrate that you can meet the required standards throughout your degree. There will be a mixture of coursework, projects, vivas and exams.

Progression Opportunities
This degree programme is designed to maximise employment opportunities within the nuclear (or broader engineering) sector. It may also be used for progression on to a Masters course.

ENTRY REQUIREMENTS

Typically entrants will possess:

- A minimum of 102 UCAS points from a full Level 3 qualification in a relevant subject area, such as maths, science or engineering
- Grade C or equivalent in maths at Level 3 (A Level, BTEC or equivalent)
- At least five GCSEs at grade 5 or above, including maths and English.

Type:	Bachelors Degree
UCAS code:	H821
Institution code:	B70
Attendance:	Full-time
Location:	National College for Nuclear, Southern Hub, Cannington
Awarding body:	UWE Bristol

NATIONAL COLLEGE FOR NUCLEAR
SOUTHERN HUB

Electrical, Electronic and Control Engineering with Nuclear

BEng (Hons)

I am a Nuclear Degree Apprentice on the electrical pathway. Since starting at UCS, I've learned so much and met amazing, enthusiastic people. The tutors are brilliant subject matter experts, and the campus has fantastic practical facilities. I look forward to completing my apprenticeship and pursuing a Master's and possibly a PhD.

Daniel,
Electrical, Electronic and Control Engineering with Nuclear
BEng (Hons)

I AM INDUSTRY READY

UWE Bristol | University of the West of England

The multi award-winning National College for Nuclear has state-of-the-art facilities including a reactor simulator and virtual reality training environment designed to provide students with high-tech, specialist training to support the nuclear industry.

Working with our industry partners such as EDF Energy, AWE, Cavendish Nuclear and Magnox ensures the training and education provides a world-class experience that develops the skills needed in this high profile, technical and demanding sector. These partnerships allow you to gain technical knowledge and real practical experience, along with behavioural and personal skills, required for your future career. These are acquired through a mix of learning in the workplace, learning through the National College for Nuclear and the opportunity to practise and embed new skills in a real-world context.

Modules are taught in seminar-style classroom and workshop settings, in a mix of face-to-face and online study. Plus, specialist Guest Speakers from the industry enhance your knowledge and understanding of the sector. Mathematics is embedded throughout, rather than taught as a separate module.

Modules may include:

- **Nuclear Science, Materials, and Design**
- **Thermofluidic Dynamics**
- **Electromechanical Systems Engineering**
- **Electrical Supply and Machines**
- **Heat Transfer and Power**
- **Electromechanical Systems and Design**
- **Advanced Nuclear Science and Project Management**
- **Electronic Systems**
- **Stress, Materials and FEA**
- **Thermofluid Systems and CFD**
- **Industrial Nuclear Science and Technology**
- **Nuclear Project Dissertation.**

Teaching and Assessment
This course is delivered on a modular block basis, completing 4 modules per year (if full-time) of 5 weeks each, following a typical academic year. There may be opportunities for residential trips during the course, which will require separate payment of fees. You are assessed on your knowledge and skills on an ongoing basis and will have to demonstrate that you can meet the required standards throughout your degree. There will be a mixture of coursework, projects, vivas and exams.

Progression Opportunities
This degree programme is designed to maximise employment opportunities within the nuclear (or broader engineering) sector. It may also be used for progression on to a Masters course.

ENTRY REQUIREMENTS

Typically entrants will possess:

- A minimum of 102 UCAS points from a full Level 3 qualification in a relevant subject area, such as maths, science or engineering
- Grade C or equivalent in maths at Level 3 (A Level, BTEC or equivalent)
- At least five GCSEs at grade 5 or above, including maths and English.

Type:	Bachelors Degree
UCAS code:	H823
Institution code:	B70
Attendance:	Full-time
Location:	National College for Nuclear, Southern Hub, Cannington
Awarding body:	UWE Bristol

NATIONAL COLLEGE FOR NUCLEAR
SOUTHERN HUB

Nuclear Engineering

Higher & Degree Apprenticeships

Since completing my degree, I have been employed by EDF as a Mechanical & Electrical Engineer.

I liked the fact that the course was carried out in block release format, so I could entirely focus on degree learning and assessment for several consecutive weeks, then go back to fully focusing on my work placements.

Genevieve,
Mechanical Engineering with Nuclear
BEng (Hons)

I AM EMPOWERED

UWE Bristol | University of the West of England

Nuclear Engineering remains one of the UK's most important industries, offering a diverse range of challenging apprenticeship opportunities within the Nuclear and Energy sectors including power generation, decommissioning, nuclear new build, defence and renewable energy.

Apprenticeships delivered in the National College for Nuclear (NCfN) have been developed with industry partners, educational partners and government to deliver tomorrow's nuclear workforce. NCfN has state-of-the-art facilities including a reactor simulator and virtual reality training environment, providing a high-tech, specialist training to support the nuclear industry.

Teaching and Assessment
You are assessed on your knowledge and skills on an ongoing basis and will have to demonstrate that you can meet the required standards throughout your training. There will be a mixture of coursework, projects, vivas, exams end-point assessment.

Progression and Opportunities
The Higher or Degree Apprenticeship will provide you with excellent career progression opportunities. Fully qualified engineers are in high demand, both at home and abroad. Graduates could progress on to suitable Masters programmes and further industry specific professional training programmes.

ENTRY REQUIREMENTS

Typically entrants will possess:
- A minimum of 102 UCAS points
- A National Certificate/Diploma in a numerate or engineering discipline with a merit profile, to include maths, or equivalent qualifications
- or A Levels in relevant subjects.

For mature applicants we will accept a wide range of non-standard and professional qualifications and experience, but if candidates are unsure as to whether they qualify, we encourage them to contact us.

In order to undertake this course, you are required to have a relevant employer.

Duration	Up to 5 years, dependent on level and employer
Location:	National College for Nuclear, Southern Hub, Cannington
Awarding body:	UWE Bristol

NATIONAL COLLEGE FOR NUCLEAR
SOUTHERN HUB

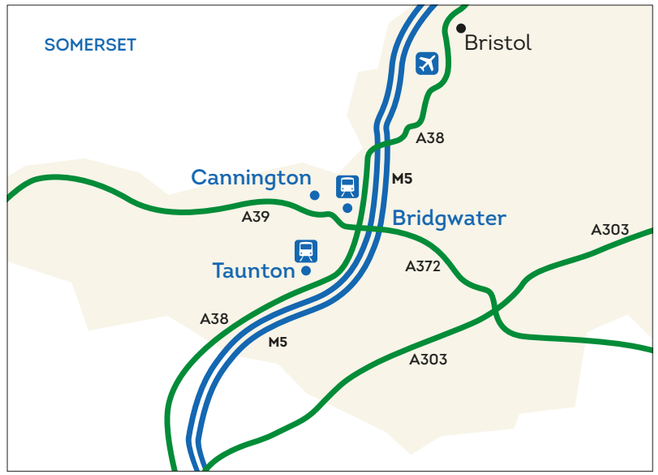
Where to find us

One of the benefits of University Centre Somerset is our accessibility. So however you're travelling, you will find us easy to get to.

Rail
Our Taunton and Bridgwater campuses are easily accessible by train. Both towns are on the main line from Bristol to Exeter, and our campuses are within an easy walk or taxi ride of the station.

Bus
We have bus stops on each of our campuses, served by local bus routes. A regular connection runs between the Bridgwater and Cannington campuses.

Car
All three campuses are easily accessible from the M5 motorway. Each campus offers limited parking, including designated areas for disabled parking, mopeds and bicycles. You will be charged **£1 per day to park at our Taunton campus**, while parking is free at the Bridgwater and Cannington campuses.



Taunton campus
Wellington Road
Taunton
Somerset
TA1 5AX

Bridgwater campus
Bath Road
Bridgwater
Somerset
TA6 4PZ

Cannington campus
Rodway
Cannington
Somerset
TA5 2LS

01278 441234
info@somerset.ac.uk

UCS course list

AGRICULTURE, ENVIRONMENTAL MANAGEMENT AND ECOLOGY

Agricultural Management
Foundation Degree

Agricultural Management
BSc (Hons) Top-up

Animal Management, Ecology and Conservation
BSc (Hons)

Animal Management, Ecology and Conservation
Foundation Degree

Animal Management, Ecology and Conservation
BSc (Hons) Top-up

Animal Management
Level 4 Professional Certificate

Apprenticeships

Countryside Ranger
Level 4

DIGITAL INNOVATION, ENGINEERING AND CLEAN ENERGY

Computing and Digital Technologies
BSc (Hons)

Computing and Digital Technologies
Foundation Degree

Computing and Digital Technologies
BSc (Hons) Top-up

Construction Management for England
HNC Level 4

Electrical & Electronic Engineering for England
HNC Level 4

Manufacturing Engineering for England
HNC Level 4

Mechanical Engineering for England
HNC Level 4

Motorsport Engineering*
BEng (Hons)

Mechanical Engineering with Nuclear
BEng (Hons)

Electrical, Electronic and Control Engineering with Nuclear
BEng (Hons)

Apprenticeships

Construction Site Engineering Technician
Level 4

Construction Site Supervisor
Level 4

Engineering Manufacturing Technician
Level 4

Nuclear Engineer
Level 6 Degree

Find out more about all of our courses

**Subject to validation*

HEALTH, WELLBEING AND EDUCATION

Early Childhood Education and Care
BA (Hons)

Early Childhood Education and Care
Foundation Degree

Early Childhood Education and Care
BA (Hons) Top-up

Nursing (Adult)
BSc (Hons)

Nursing (Mental Health)
BSc (Hons)

Nursing Associate
Foundation Degree

Assistant Practitioner (multiple pathways)
Foundation Degree

Adult Care
Level 4 Diploma

Leadership & Management for Adult Care
Level 5 Diploma

Therapeutic Counselling
Level 4 Diploma

Sports Science and Coaching*
BSc (Hons)

Certificate in Education
Level 5 Certificate

PGCE
Level 6 / 7 Diploma

Apprenticeships

Registered Nurse
Level 6

Nursing Associate
Level 5

Lead Practitioner in Adult Care
Level 5

Leader in Adult Care
Level 4

Healthcare Assistant Practitioner
Level 5

Leadership and Management for Adult Care
Level 5

Sports Coach
Level 4

**Subject to validation*

BUSINESS AND CREATIVE INDUSTRIES

Management and Leadership
Level 5 Award / Certificate / Diploma

Art & Design
Foundation Diploma

Makeup Artistry, Prosthetic FX and Wig Making
BA (Hons)

Makeup Artistry, Prosthetic FX and Wig Making
Foundation Degree

Makeup Artistry, Prosthetic FX and Wig Making
BA (Hons) Top-up

Apprenticeships

Associate Project Manager
Level 4

Operations/Departmental Manager
Level 5

Access to HE

Nursing, Midwifery and Healthcare

Science

Find out more about all of our courses

Coming soon to University Centre Somerset

From 2026, UCS is seeking to award and validate its own degrees, subject to approval from the Office for Students (OfS). This, combined with the continued work with our university partners, will allow us to deliver on our commitment to providing 'DEGREES FOR REAL LIFE', transforming lives and our communities through higher and degree level education.

UCS degrees coming soon*...

SEPTEMBER 2026

- BEng (Hons) Motorsport
- BSc (Hons) Applied Sport Science and Coaching
- BSc (Hons) Occupational Therapy (validated by UWE Bristol)
- BEng (Hons) Instrument Control & Automation
- BSc (Hons) Manufacturing Management
- BSc (Hons) Digital Marketing
- BSc (Hons) Animal Management, Ecology & Conservation
- BA (Hons) Makeup Artistry, Prosthetic & Wig Making
- BSc (Hons) Computing and Digital Technologies
- BSc (Hons) Agriculture Management

SEPTEMBER 2027

- BSc (Hons) Counselling
- BA (Hons) Primary Education (with QTS)
- BA (Hons) Youth & Community Work
- BA (Hons) Early Childhood Education & Care

SEPTEMBER 2028

- BSc (Hons) Midwifery (validated by UWE Bristol)
- BSc (Hons) Paramedic Science (validated by UWE Bristol)

** Launch dates are provisional and UCS and UWE Bristol retain the right not to validate or run any of the above*

Expressions of interest help us to understand the demand for these courses, and improve the likelihood of UCS running them. If you are interested in any of the above, please follow this QR code and let us know!

Find out more and register your interest

University Centre Somerset

DEGREES FOR REAL LIFE

COME AND SEE FOR YOURSELF

OPEN EVENTS

See what makes University Centre Somerset the perfect place to start your journey.

Book your place here

01278 441234 | info@somerset.ac.uk | somerset.ac.uk