

Hertfordshire Green Courses/Modules Research

Search criteria key words: climate/climate change/sustainability/green/green future/environment/environmental

University of Hertfordshire - BSc (Hons) Geography [BSc \(Hons\) Geography | Courses | Uni of Herts](#)

- Enabling students with a deep and critical understanding of the pressing issues our world is facing from social, economic, political and scientific perspectives. Including the climate crisis, environmental hazards, food security, migration or geopolitical conflict, our teaching will equip you with the tools to help tackle these contemporary challenges.
- opportunity to study a wide variety of topics founded around staff expertise in sustainability, climate change, the cryosphere, urbanism and transport
- Solving Environmental Problems Module - Topic areas that may be covered include sustainable development, circular/green economy, environmental governance and problem-solving responses, corporate social responsibility, sustainability issues and solutions, ecosystem services, connecting with nature, outdoor learning, citizen science.

University of Hertfordshire - BSc (Hons) Environmental Management and Ecology [BSc \(Hons\) Environmental Management and Ecology | Courses | Uni of Herts](#)

- Key themes of climate change, biodiversity loss, food security, water resource management, pollution, landscape restoration and rewilding.
- Modules including Solving Environmental Problems and Ecosystems and Environmental Change
- Professional and practical field skills to lead future environmental management on climate crisis, biodiversity loss, environmental hazards, invasive species, food and water security, or rewilding.

University of Hertfordshire – BA (Hons) Business Management [BA \(Hons\) Business Management | Courses | Uni of Herts](#)

BA (Hons) Business Management with Leadership [BA \(Hons\) Business Management with Leadership | Courses | Uni of Herts](#)

Above both share same module:

- Leading and Sustainable Development Module - The module takes a critical reflective perspective on contemporary sustainability discourse. It develops understanding of the emergence of the issues and concerns raised by UN Sustainable Development Goals (SDGs) and Principles for Responsible Management Education (PRME). Challenging 'business as usual' approach, which privileges financial values, the module explores multiple conceptions of value and value creation, emphasising the complexities of reconciling often competing priorities of multiple stakeholders. This module takes a strategic view of the challenges facing leaders in making decisions for developing sustainable organisations, encouraging appreciation of the complexities and potential ramifications of those decisions.

University of Hertfordshire – BSc (Hons) Business and Human Resource Management [BA \(Hons\) Business and Human Resource Management | Courses | Uni of Herts](#)

BA (Hons) International Business with French [BA \(Hons\) International Business with French | Courses | Uni of Herts](#)

BA (Hons) International Business with German [BA \(Hons\) International Business with German | Courses | Uni of Herts](#)

BA (Hons) International Business with Spanish [BA \(Hons\) International Business with Spanish | Courses | Uni of Herts](#)

BA (Hons) International Business with Mandarin [BA \(Hons\) International Business with Mandarin | Courses | Uni of Herts](#)

BA (Hons) International Business with Japanese [BA \(Hons\) International Business with Japanese | Courses | Uni of Herts](#)

Above all share same module:

- Contemporary Issues in Ethics, Business and Sustainability Module – includes a range of national and global approaches to sustainability, exploring the various meanings attached to the word 'sustainability' and alternative strategies and drivers. Issues of ethics and social responsibility, stakeholders, political legitimacy and economic longevity will be considered together with the ecological issues which are the main focus of current media debates. Students will gain the ability to identify and explain the major developments in national and global sustainability practice in the twenty-first century

University of Hertfordshire - BA (Hons) Event Management and Tourism [Event Management/Tourism | Courses | Uni of Herts](#)

- Sustainability in Events and Tourism Module; Students will learn about the importance of sustainability in general and in the context of the tourism and events sectors. By learning about the elements of the triple bottom line in relation to destinations, events, organisations and their supply chains, students will develop an understanding of how to future-proof the sector while at the same time acting responsibly in relation to people, profit and the planet. Students will be encouraged to apply their learning to a variety of examples within tourism, events and organisations to support their understanding of how sustainable strategies work in practice and understand how the ethos of sustainability needs embedding in every element of strategy.

University of Hertfordshire - BA (Hons) Advertising and Digital Marketing [BA \(Hons\) Advertising and Digital Marketing | Courses | Uni of Herts](#)

- Business Environment Module: The module enables students to identify the impact of the external environment on marketing decisions. It will cover for example such aspects as economic and social trends including business ethics, sustainability, law and globalisation. Students will be encouraged to explore the marketing context by demonstrating an ability to gather information, apply knowledge by using relevant frameworks to inform marketing decisions. The module will aim to foster an appreciation of the importance of commercial awareness and to embed this into their marketing practice. Students will be encouraged to be conversant with current affairs and the impact of topical issues in business on marketers. Students will be introduced to the PESLE and/or other relevant tools and models, and how to use these critically in the production of a marketing audit.

University of Hertfordshire - BEng (Hons) Automotive Engineering [BEng \(Hons\) Automotive Engineering | Courses | Uni of Herts](#)

- Renewable Energy and the Environment Module: This course will enable the student to understand and evaluate forms of renewable energy. This will include solar, wind, hydro, geothermal, fuel cell, nuclear and micro energy sources. You will learn how to calculate the energy a system can generate, how it can be optimised and flaws in the technology. This will require our students to develop their creativity to enhance solutions, giving a taste for research and development job roles. 1. Environmental acts – Climate change – Biodiversity – Triggers and effects 2. Photovoltaics – Angle of Incidence – Chemistry – Stability - Flaws 3. Wind Generation – Offshore – Onshore – Urban – Induction (magnetism) 4. Thermal – Solar reflectors – Optics – Ground surveys - geothermal 5. Hydropower – Dams – Offshore wave generation – Bernoulli's applied 6. Fuel cells – Hydrogen – Hydrocarbon – CO2 storage – Chemistry 7. Nuclear – Fusion and Fission 8. Microgeneration – Piezoelectric – Thermoelectric – Solar 9. Applications to Automotive and mechatronics 10. Future Research and Developments

University of Hertfordshire - BEng (Hons) Civil Engineering [BEng \(Hons\) Civil Engineering | Courses | Uni of Herts](#)

- Principles of sustainable Design and Construction Module: Principles of sustainability and the environment in civil engineering design, sustainable materials, sustainability assessment and the interface with Building Information Modelling. Introduction to Construction Management, the socio-economic, demographic and commercial environment for infrastructure projects, project management, QCD, project life cycles, critical path and network analysis, tendering and contracts. What the student will learn from the module Students learn how designs are conceived and developed in a commercial and socio-economic context whilst balancing the need for sustainability, resource efficiency, economy and viability.

University of Hertfordshire - BA (Hons) Sociology [BA \(Hons\) Sociology | Courses | Uni of Herts](#)

- Covers topics such as the climate emergency and Our House is on Fire: Humanity and Environmental Crises Module.

West Herts College - Initial Year for Extended Degree in Science – Geography & Environmental Sciences [Extended Science Degree | West Herts College / Initial Year for Extended Degree in Science - Geography & Environmental Sciences | Courses | Uni of Herts](#)

- Preparatory year to gain skills to progress onto undergraduate degree in particular courses, including Environmental Management and Ecology as detailed above.

North Hertfordshire College - City & Guilds Level 1 Diploma in Electrical Installation [LEVEL 1 DIPLOMA IN ELECTRICAL INSTALLATION - North Hertfordshire College \(nhc.ac.uk\)](#)

- Principles of environment and sustainability measures

North Hertfordshire College –

IMI Level 1 Award in Electric/Hybrid Vehicle Awareness [IMI LEVEL 1 AWARD IN ELECTRIC/HYBRID VEHICLE AWARENESS - North Hertfordshire College \(nhc.ac.uk\)](#)

IMI Level 2 Award in Electric/Hybrid Vehicle Routine Maintenance Activities [IMI LEVEL 2 AWARD IN ELECTRIC/HYBRID VEHICLE AWARENESS - North Hertfordshire College \(nhc.ac.uk\)](#)

IMI Level 2 Award in Electric/Hybrid Vehicle Hazard Management for Emergency and Recovery Personnel [IMI LEVEL 2 AWARD IN ELECTRIC/HYBRID VEHICLE HAZARD MANAGEMENT FOR EMERGENCY AND RECOVERY PERSONNEL - North Hertfordshire College \(nhc.ac.uk\)](#)

- Above all share same aim for people interested in sustainability and green futures

West Herts College – Motor Vehicle Engineering

Level 1 Diploma in Automotive Engineering [Level 1 Diploma in Automotive Engineering | West Herts College](#)

Level 2 Diploma in Light Vehicle Maintenance and Repair Principles [Level 2 Diploma in Light Vehicle Maintenance and Repair Principles | West Herts College](#)

Level 3 Diploma in Light Vehicle Maintenance and Repair Principles [Level 3 Diploma in Light Vehicle Maintenance and Repair Principles | West Herts College](#)

- Focuses on the changing demands of the sector with green initiatives and sustainability

West Herts College - Level 3 National Foundation Diploma/Extended Diploma in Civil Engineering [Level 3 National Foundation Diploma/Extended Diploma in Civil Engineering | West Herts College](#)

- Covers sustainability and new technologies

West Herts College - Level 1 Diploma in Plumbing [Level 1 Diploma in Plumbing | West Herts College](#)

- Covers environmental and sustainability measures in domestic dwellings

Oaklands College – HNC in Construction and the Built Environment [HNC in Construction and the Built Environment \(PT\) 2 Yr Prog - 1st Year \(oaklands.ac.uk\)](#)

- Covers a unit on alternative energy

Herts Regional College - Level 2 Fashion Business and Retail [Level 2 Fashion Business and Retail \(hrc.ac.uk\)](#)

- Covers sustainability and supply chains
- Topic of sustainability within fashion and lifestyle retail

Herts Regional College - Level 3 Art and Design (Fashion) [Level 3 Art and Design \(Fashion\) \(hrc.ac.uk\)](#)

- Sustainability in fashion

Herts Regional College - Part Time Electro-Technical Technology - Cg 2365 Diploma Level 3 [Part Time Electro-Technical Technology - Cg 2365 Diploma Level 3 \(hrc.ac.uk\)](#)

- Skills covering environmental and sustainability measures in domestic dwellings

Herts Regional College - Catering, Hospitality & Event Management Level 3 Events Management [Level 3 Events Management \(hrc.ac.uk\)](http://hrc.ac.uk)

- Units including Environment and Sustainability plus Technology and Digital Media to reflect the changing world and expectations of employers and guests

The Open University – BA/BSc (Honours) Design and Innovation [Q61 | BA/BSc \(Hons\) Design and Innovation | Open University](http://open.ac.uk) (diploma also available for this course, first 2/3s of degree study) (Module) [U116 | Environment | Open University](http://open.ac.uk)

- Environment: journeys through a changing world module; introduces you to subjects from the natural sciences, social sciences and technology to develop your understanding of environmental issues and sustainability concerns. It shows how people are seeking positive solutions to environmental challenges where you live, in the Arctic, Africa, the Amazon and China.

The Open University - BSc (Honours) Environmental Science [Q52 | BSc \(Hons\) Environmental Science | Open University](http://open.ac.uk) (diploma also available for this course, first 2/3s of degree study)

- Module choices include:
 - Environment: journeys through a changing world
 - Environmental Science
 - Earth Science
 - Environment: sharing a dynamic planet
 - Energy and sustainability
 - Environmental management: systems and sustainability
 - Environment: responding to change
 - Renewable energy

The Open University - BA (Honours) Environmental Studies [Q99 | BA \(Hons\) Environmental Studies | Open University](http://open.ac.uk) (diploma also available for this course, first 2/3s of degree study)

- Modules include:
 - Environment: journeys through a changing world
 - Global challenges: social science in action
 - Environment: sharing a dynamic planet
 - Environment and society
 - Environment: responding to change
 - Environmental policy in an international context

The Open University - Certificate of Higher Education in Environment [T16 | Certificate of Higher Education in Environment \(open.ac.uk\)](http://open.ac.uk)

- Modules include:
 - Environment: journeys through a changing world
 - Global challenges: Social science in action

The Open University also shows modules on offer that can be taken into some qualifications:

- Environmental management: systems and sustainability
- Energy and sustainability
- Creating futures: sustainable enterprise and innovation
- Environment: journeys through a changing world
- Environment: sharing a dynamic planet

- Environmental Science
- Chemistry in life: food, water and medicines
- International, environmental and space law
- Science project course: environmental science practical project
- Innovation: designing for change
- Renewable energy
- Environmental management 2
- Environment: responding to change
- Terrestrial ecosystems
- Environmental Policy in an international context
- Marketing in action

The Open University - Climate Change: Transforming your Organisation for Sustainability
[Organisational Sustainability Online Course – FutureLearn](#)

- A microcredential gaining you 10 credits towards an undergraduate degree qualification upon completion, this course will entail 10 hours of learning over 10 weeks for a price of £450. In this microcredential, sustainability is defined as social, environmental, economic, global, and future wellbeing. You'll be introduced to the principles of sustainable development and to five new ways of working, and you'll be inspired by case studies featuring pioneering people and organisations who are collaborating to take radical action.
- Open to anyone interested in transforming their organisation for sustainability, no matter the size of the organisation or role title. No previous qualifications or experience are required.