

Green Skills Training Directory



In response to Plymouth's declaration of a climate emergency in 2019, we introduced "Green Horizons," a guide showcasing the city's journey towards a sustainable future. Building upon this, the Green Skills Training Directory is your essential next step, offering a detailed overview of training opportunities across Plymouth's green sector.

This directory is designed for students, graduates, professionals, and businesses eager to acquire the skills necessary for thriving in areas such as retrofit, renewable energy, marine sciences, and sustainable business practices. It outlines various educational paths, from workshops to degree programs, tailored to propel you into meaningful careers within the green economy.

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I. Further Education for 16 to 18-year-olds

At this important stage, your choices can set the beginning for a future in the green industry. Plymouth offers many different programs tailored to different interests and career goals.

For a complete list of the latest T Levels available please visit:

<https://www.tlevels.gov.uk/students/subjects>

Construction		
Course Name	Level	Provider
<u>Construction & Digital Innovation</u>	4	City College Plymouth
<u>Electrotechnical Craft</u>	2	City College Plymouth

Electrical		
Course Name	Level	Provider
<u>Electrotechnical Craft</u>	2	City College Plymouth
<u>Electrotechnical Craft</u>	3	City College Plymouth
<u>Electrotechnical Systems and Equipment</u>	3	City College Plymouth

Engineering		
Course Name	Level	Provider
<u>Marine Engineering</u>	4	City College Plymouth
<u>Engineering (T-Prep Foundation Programme)</u>	2	City College Plymouth
<u>Marine Engineering</u>	2	City College Plymouth

Environmental Science, Conservation and Ecology		
Course Name	Level	Provider
<u>Skills for Professions in Horticulture, Environmental and Animal Care</u>	1 and 2	Transferable Skills Training
<u>Environmental Science</u>	3	Exeter College
<u>Ecology and Conservation – Extend Option</u>	3	Exeter College
<u>Economics and Environmental Change – Extend Option</u>	3	Exeter College
<u>Geography</u>	3	Exeter College
<u>Geology</u>	3	Exeter College
<u>STEM Diploma – Extend Option</u>	3	Exeter College

Horticulture, Floristry and Arboriculture		
Course Name	Level	Provider
<u>Advanced Technical Certificate in Forestry and Arboriculture</u>	3	Bicton College
<u>Advanced Plant Science and Landscape Design Diploma</u>	3	Duchy College
<u>City & Guilds Technical Certificate in Floristry</u>	2	Bicton College
<u>City & Guilds Award in Practical Horticulture Skills</u>	1	Duchy College
<u>Land and Wildlife Technical Certificate</u>	2	Duchy College
<u>Professional Landscape and Sustainability Operative (Horticulture)</u>	2	Duchy College

<u>RHS Certificate in Practical Horticulture</u>	2	Bicton College
<u>RHS Certificate in Practical Horticulture</u>	2	Duchy College
<u>RHS Certificate in the Principles of Plant Growth, Propagation & Development</u>	2	Bicton College
<u>RHS Certificate in the Principles of Horticulture</u>	2	Duchy College
<u>Land & Wildlife Management Diploma</u>	3	Bicton College

Marine Science		
Course Name	Level	Provider
<u>Marine Biology and Ecology Diploma</u>	3	Falmouth Marine School
<u>Marine Conservation Diploma</u>	2	Falmouth Marine School
<u>Marine Conservation Diploma</u>	3	Falmouth Marine School

Meteorology and Weather		
Course Name	Level	Provider
<u>Meteorology and Weather Forecasting – Extend Option</u>	3	Exeter College

Science		
Course Name	Level	Provider
<u>Applied Science</u>	1	City College Plymouth
<u>Applied Science</u>	2	City College Plymouth

<u>Biology</u>	2	City College Plymouth
<u>Science</u>	1	City College Plymouth
<u>Science</u>	3	City College Plymouth
<u>Science</u>	3	City College Plymouth
<u>Science (Biology, Chemistry and Physics)</u>	3	City College Plymouth
<u>Science (Laboratory Sciences; Food Sciences)</u>	3	City College Plymouth

2. Higher Education for anyone aged 18+

We are lucky to have four higher education providers in Plymouth, where you can study any qualification level 4 and up, so a bachelor's degree (BA or BSc), Foundation Degree, Higher National Certificate/Diploma (HNC/D), or even a Higher/Degree Apprenticeship are all forms of higher education. A good place to start to find out all about these qualifications is the UCAS website at www.ucas.com

Art & Design		
Course Name	Level	Provider
<u>BA (hons) Craft & Material Practices</u>	6	Arts University Plymouth
<u>BA (Hons) Textile Design</u>	6	Arts University Plymouth
<u>MDes Design</u>	7	University of Plymouth

Biology and Ecology		
Course Name	Level	Provider
<u>BSc (Hons) Biological Sciences</u>	6	University of Plymouth
<u>BSc (Hons) Conservation Biology</u>	6	University of Plymouth
<u>BSc (Hons) Zoology</u>	6	University of Plymouth
<u>BSc (Hons) Biosciences (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Biological Sciences with Foundation Year (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Ecology and Conservation (Full-time)</u>	6	University of Plymouth
<u>MSc Zoo and Aquarium Conservation Biology</u>	7	University of Plymouth
<u>FdSc Animal Science</u>	5	South Devon College

Computer Science		
Course Name	Level	Provider
<u>BSc (Hons) Computer Science (Artificial Intelligence)</u>	6	University of Plymouth
<u>BSc (Hons) Computer Science (Cyber Security)</u>	6	University of Plymouth
<u>BSc (Hons) Computer Science (Software Engineering)</u>	6	University of Plymouth

Economics and Business		
Course Name	Level	Provider
<u>Hospitality and hotel management</u>	5	City College Plymouth
<u>MSc Management for a Sustainable Future (Online)</u>	7	Plymouth Marjon University
<u>PGCE Secondary Education with Geography</u>	7	Plymouth Marjon University
<u>PGCE Secondary Education with Biology</u>	7	Plymouth Marjon University
<u>BA (Hons) Outdoor Adventure Education</u>	6	Plymouth Marjon University
<u>BSc (Hons) Environmental Management and Sustainability</u>	6	University of Plymouth
<u>MRes Sustainable Environmental Management</u>	7	University of Plymouth
<u>MSc Environmental Consultancy</u>	7	University of Plymouth
<u>MSc Sustainable Environmental Management</u>	7	University of Plymouth
<u>BA (Hons) Education for Sustainability</u>	6	University of Plymouth

Engineering		
Course Name	Level	Provider
<u>Marine Autonomous Vehicles</u>	5	City College Plymouth
<u>Marine Engineering</u>	5	City College Plymouth
<u>MSc Low Carbon Architectural Engineering</u>	7	University of Plymouth
<u>BEng (Hons) Marine Technology</u>	6	University of Plymouth
<u>MEng (Hons) Civil and Coastal Engineering</u>	7	University of Plymouth
<u>BEng (Hons) Civil and Coastal Engineering</u>	6	University of Plymouth
<u>MEng (Hons) Civil and Coastal Engineering</u>	7	University of Plymouth
<u>BEng (Hons) Robotics</u>	6	University of Plymouth
<u>MEng (Hons) Robotics</u>	7	University of Plymouth
<u>BEng (Hons) Robotics with Foundation Year</u>	6	University of Plymouth
<u>MSc Low Carbon Architectural Engineering</u>	7	University of Plymouth

Environmental Science, Geography and Geology		
Course Name	Level	Provider
<u>BSc (Hons) Environmental Resource Management Degree</u>	6	Newquay University Centre: Cornwall College
<u>BSc (Hons) Environmental Science with Foundation Year</u>	6	University of Plymouth
<u>BSc (Hons) Environmental Geoscience</u>	6	University of Plymouth
<u>MA Environmental Humanities</u>	7	University of Plymouth
<u>BSc (Hons) Environmental Management and Sustainability</u>	6	University of Plymouth
<u>MRes Sustainable Environmental Management</u>	7	University of Plymouth

<u>MSc Environmental Consultancy</u>	7	University of Plymouth
<u>MSc Sustainable Environmental Management</u>	7	University of Plymouth
<u>BSc (Hons) Physical Geography and Geology</u>	6	University of Plymouth
<u>BSc (Hons) Environmental Geography</u>	6	University of Plymouth
<u>BA (Hons) Geography with International Relations</u>	6	University of Plymouth
<u>BSc (Hons) Geology</u>	6	University of Plymouth
<u>MGeol (Hons) Geology</u>	7	University of Plymouth
<u>BSc (Hons) Geology with Foundation Year</u>	6	University of Plymouth
<u>BSc (Hons) Physical Geography and Geology</u>	6	University of Plymouth
<u>BSc (Hons) Environmental Chemistry</u>	6	University of Plymouth
<u>MSc Environmental Geochemistry</u>	7	University of Plymouth
<u>BSc (Hons) Environmental Science</u>	6	University of Plymouth
<u>BA (Hons) Geography</u>	6	University of Plymouth
<u>BSc (Hons) Geography</u>	6	University of Plymouth
<u>BSc (Hons) Geography with Ocean Science</u>	6	University of Plymouth
<u>BSc (Hons) Geography with GIS and Data Science</u>	6	University of Plymouth
<u>BSc (Hons) Geography with Foundation Year</u>	6	University of Plymouth

Horticulture & Agriculture		
Course Name	Level	Provider
<u>FdSc Horticulture Degree</u>	5	Eden Project
<u>BSc (Hons) Horticulture (Plant Science) Degree</u>	6	Eden Project
<u>BSc (Hons) Horticulture (Garden & Landscape Design) Degree</u>	6	Eden Project
<u>ResM Agriculture and Food</u>	7	University of Plymouth
<u>HNC/HND Garden and Landscape Design</u>	5	Eden Project
<u>MSc Land And Ecological Restoration Degree</u>	7	Eden Project

Marine Science		
<u>ResM Biological Sciences</u>	7	University of Plymouth
<u>MSc Sustainable Aquaculture and Fisheries</u>	7	University of Plymouth
<u>MSc Zoo and Aquarium Conservation Biology</u>	7	University of Plymouth
<u>BSc (Hons) Marine Biology</u>	6	University of Plymouth
BSc (Hons) Applied Marine Zoology degree (1 year top up also available)	6	Newquay University Centre: Cornwall College
FdSc Marine Biology with Conservation degree	5	Newquay University Centre: Cornwall College
FdSc Sustainable Marine Technology (Subject to Approval)	5	Falmouth Marine School
Marine Biology with Conservation, with Science Gateway	5	Newquay University Centre: Cornwall College

<u>BSc (Hons) Marine Biology with Foundation Year</u>	6	University of Plymouth
<u>BSc (Hons) Ocean Sciences with Foundation Year</u>	6	University of Plymouth
<u>BSc (Hons) Biological Sciences with Foundation Year</u>	6	University of Plymouth
<u>BSc (Hons) Geography with Ocean Science</u>	6	University of Plymouth
<u>MSc Hydrography</u>	7	University of Plymouth
<u>MSc Maritime Science</u>	7	University of Plymouth
<u>BSc (Hons) Ocean Exploration and Surveying (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Ocean Science (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Ocean Science and Marine Conservation (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Ocean Sciences with Foundation Year (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Marine Biology and Coastal Ecology (Full-time)</u>	6	University of Plymouth
<u>BSc (Hons) Marine Biology and Oceanography (Full-time)</u>	6	University of Plymouth
<u>MRes Scientific Diving</u>	7	University of Plymouth
<u>MSc Marine Conservation</u>	7	University of Plymouth
<u>MRes Marine Biology</u>	7	University of Plymouth
<u>MRes Applied Marine Science</u>	7	University of Plymouth
<u>MSc Applied Marine Science</u>	7	University of Plymouth

3. Apprenticeships

Apprenticeships are real jobs with real training. This means you can earn money while you learn and gain a nationally recognised qualification from level two up to degree level. The great thing about being an apprentice is you can get your green career started by gaining new skills through combining hands-on experience with qualifications. Typically, you spend 80% of your time with your employer and 20% in a college environment. There are also options if you may need some additional support.

Apprenticeship	Level	Provider
<u>Ecologist (degree) ST0577</u>	7	Eden project
<u>Horticulture & Landscape Operative Intermediate Apprenticeship</u>	1	Duchy College
<u>Arborist Apprenticeship Standard (Tree Surgery)</u>	2	Bicton College
<u>Horticulture & Landscape Operative Intermediate Apprenticeship</u>	2	Bicton College
<u>Horticulture & Landscape Supervisor Apprenticeship</u>	3	Duchy College
<u>Composites Technician Apprentice</u>	3	City College Plymouth
<u>Boatbuilding, Vessel Refit and Repair Apprenticeship Level 3</u>	3	South Devon College
<u>Corporate Responsibility and Sustainable Practitioner Higher Apprenticeship</u>	4	South Devon College
<u>Electrical Installation Apprenticeship Standard</u>	3	South Devon College
<u>Marina and Boatyard Operative Apprenticeship</u>	2	South Devon College
<u>Utilities Engineering Technician Apprenticeship</u>	3	City College Plymouth
<u>Marine Engineer Apprenticeship</u>	3	City College Plymouth
<u>Manufacturing Engineer Degree Apprenticeship</u>	6	City College Plymouth
<u>Product Design and Development Degree Apprenticeship</u>	6	City College Plymouth

<u>Network Engineer Higher Apprenticeship</u>	4	City College Plymouth
<u>Laboratory Technician Apprentice</u>	3	City College Plymouth
<u>Nuclear Health Physics Monitor Apprentice</u>	2	City College Plymouth
<u>Plumbing & Domestic Heating Technician Apprentice</u>	3	City College Plymouth
<u>Horticulture/Landscape Construction Operative Apprentice</u>	2	City College Plymouth
<u>Technician Scientist Apprentice</u>	5	City College Plymouth
<u>Chartered Town Planning Degree Apprenticeship</u>	7	University of Plymouth
<u>BSc (Hons) Project Manager (Integrated Degree) Apprenticeship</u>	6	University of Plymouth
<u>Engineering Design & Draughtsperson Apprentice</u>	3	City College Plymouth
<u>Crop Technician Apprenticeship Standard</u>	3	Bicton College
<u>General Farm Worker Apprenticeship</u>	2	Bicton College
<u>Land-based Engineering Apprenticeship</u>	2	Bicton College
<u>Land-based Engineering Apprenticeship</u>	3	Bicton College
<u>Horticulture & Landscape Supervisor Advanced Apprenticeship</u>	3	Bicton College
<u>Horticulture & Landscape Supervisor Apprenticeship</u>	3	Bicton College
<u>Horticulture and Landscape Operative Apprenticeship Standard</u>	2	Bicton College
<u>Marine Electrical Apprenticeship</u>	3	Cornwall College
<u>Low Carbon Heating Technician</u>	3	Cornwall College
<u>Safety, Health, and Environment Apprenticeship</u>	3	Exeter College

<u>Fisher Apprenticeship</u>	2	South Devon College
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4. Upskilling and retraining

In a field that's constantly evolving, staying updated with the latest skills and knowledge is crucial. Plymouth provides a range of continuing education options and professional development opportunities.

4a. Certifications and short courses

Certifications and short courses are invaluable for career development, providing targeted knowledge and skills that can set you apart in the job market. These courses offer quick, focused learning opportunities in specific areas of expertise, allowing you to stay updated with the latest industry trends, technologies, and best practices.

Course Name	Level	Provider
<u>Sustainable Glass Summer School</u>	N/A	Arts University Plymouth

Electrical		
<u>Level 1 Award in Electric Hybrid Vehicle Awareness</u>	1	Truro and Penwith College
<u>Level 3 Award in Electric Hybrid Vehicle System Repair and Replacement (VRQ)</u>	3	Truro and Penwith College
<u>Level 4 Award in the Diagnosis, Testing, and Repair of Electric Hybrid Vehicles and Components (VRQ)</u>	4	Truro and Penwith College
<u>Electric Vehicle Charging (2 days)</u>	3	City College Plymouth
<u>Award in Electric Hybrid Vehicle System Repair and Replacement (EPV)</u>	3	City College Plymouth
<u>Award in Electric Hybrid Routine Maintenance Activities on Electrically Propelled Vehicles (RMV)</u>	2	City College Plymouth
<u>EAL level 3 award in the requirements for the installation of electric vehicle charging points</u>	3	Focus Training Group
<u>Design, Installation, and Commissioning of Electrical Energy Storage Systems</u>	3	City College Plymouth
<u>EAL level 3 award in the installation of small scale solar photovoltaic systems</u>	3	Focus Training Group

Electrical energy storage systems course	3	Focus Training Group
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Digital		
Cyber Security Awareness Training	N/A	Aspire Training
Become a Cyber Security Analyst - Self Paced	N/A	BIT Training
Fundamental Cyber Security	N/A	BIT Training

Health and Safety, Climate Change and Environmental Awareness		
NCFE Level Certificate 2 in Understanding Climate Change and Environmental Awareness	2	On Course South West
IOSH Managing Safely	N/A	SSG Training Ltd
NEBOSH National General Certificate in Occupational Health and Safety	N/A	SSG Training Ltd
NEBOSH Health and Safety Management for Construction (UK)	N/A	SSG Training Ltd
NEBOSH Certificate in Fire Safety	N/A	SSG Training Ltd
CITB Site Environmental Awareness Training Scheme	N/A	SSG Training Ltd
NEBOSH Environmental Management Certificate	N/A	SSG Training Ltd
IEMA Foundation Certificate in Environmental Management	N/A	SSG Training Ltd
IOSH Working Safely	N/A	SSG Training Ltd
NEBOSH HSE Award in Managing Risks and Risk Assessment at Work	N/A	SSG Training Ltd
IOSH Managing Occupational Health and Wellbeing	N/A	SSG Training Ltd
IEMA Environmental Sustainability Skills for the Workforce	N/A	SSG Training Ltd
COSHH Training	N/A	Aspire Training
Environmental Awareness Training	N/A	Aspire Training

Horticulture, Floristry and Arboriculture		
<u>Know Your Soil and Composting</u>	N/A	Bicton College
<u>Growing without soil</u>	N/A	Bicton College
<u>Award In Felling Trees Up To 380mm</u>	2	Bicton College
<u>Chainsaw Maintenance and Cross-cutting</u>	2	Bicton College
<u>Container Gardening & Increasing Biodiversity in your Garden</u>	N/A	Duchy College
<u>No Mow & No Dig Environmental Gardening</u>	N/A	Duchy College
<u>Planting a Herb Garden, Maintenance & Use</u>	N/A	Duchy College
<u>Safe Use Of Brushcutters and Trimmers City & Guilds Award</u>	N/A	Bicton College
<u>Horticulture Machinery Operation and Maintenance</u>	N/A	Duchy College

Retrofit		
<u>Retrofit Advice</u>	3	City College Plymouth
<u>Domestic Retrofit Assessor</u>	3	City College Plymouth
<u>Domestic Retrofit Coordination and Risk Management</u>	4	City College Plymouth
<u>Understanding Domestic Retrofit</u>	2	City College Plymouth
<u>Retrofit L2 Award</u>	2	On Course South West
<u>(EESS) Electrical Energy Storage Systems Course</u>	N/A	Focus Training Group
<u>Air Source Heat Pump Training</u>	N/A	Focus Training Group
<u>Award in Installation of Small Solar Photovoltaic Systems Course</u>	3	Focus Training Group
<u>Award in the requirements for the Installation of EV Charging Points Course</u>	3	Focus Training Group
<u>Prosumer Awareness Course</u>	N/A	Focus Training Group

Business		
<u>Project Management Essentials Training</u>	N/A	Aspire Training
<u>Net Zero and Climate Change: Getting Started as Individuals and Enterprises</u>	N/A	University of Plymouth
<u>Taking Action on Carbon and Beyond</u>	N/A	University of Plymouth

4b. Skills Bootcamps

Skills Bootcamps are intensive training programs for individuals aged 19 and above, providing specific skills for in-demand jobs. These short-term courses, aimed at recent graduates, career changers, and professionals, typically focus on sectors with skills shortages. They offer hands-on training and practical learning, often funded by the government, making them free for the learner.

New bootcamps are offered, depending on funding availability. Below are examples of bootcamps available in Plymouth in the last 12 months. For the latest offerings, visit [Train 4 Tomorrow Bootcamps](#).

Skills Bootcamp	Provider
<u>Green Skills & Retrofit for Working Onsite Skills Bootcamp</u>	City College Plymouth
<u>Green Skills for Life</u>	Focus Training Group
<u>Green Protection of Natural Resources</u>	On Course South West
<u>Advance in Ropes Access</u>	Trade Techs Northern Ltd
<u>Skills Bootcamps – Future of Construction</u>	Building Growth South West
<u>Step into Global Wind</u>	Trade Techs Northern Ltd
<u>Step into Offshore</u>	Trade Techs Northern Ltd
<u>Electric Vehicle – Skills Bootcamp</u>	Petroc
<u>Skills Bootcamp: Future Climate Leaders</u>	University of Plymouth
<u>Skills Bootcamp in Regenerative Land-Based Systems</u>	Apricot Centre
<u>Skills Bootcamp in Project Management</u>	BIT Training
<u>Data Skills Bootcamp</u>	Cambridge Spark