

ENVIRONMENTAL PRACTITIONER (ST0778)

Environmental Practitioners provide employers with a high level of professional environmental expertise, whilst providing a robust overview of key issues and the relevant policies, regulations and legislation an organisation must consider when delivering a specific project or programme. Environmental Practitioners will combine a high level of knowledge and understanding of environmental principles and techniques to complex environmental systems, with their expertise being developed, adaptable or transferable to a range of environmental specialisms.

Core duties involve:

- **Environmental advice** – Creating, planning, and coordinating the delivery of highly complex technical input, advice and guidance, identifying and addressing issues that arise, and refining the approach to be taken, to environmental projects.
- **Analysis and evaluation** – Leading the collection, analysis, and evaluation of complex environmental and other relevant information and data, through desk-based and fieldwork research, to support the development of appropriate environmental solutions.
- **Modeling** – Designing and developing safe and sustainable environmental solutions using modelling and digital techniques to solve environmental problems and mitigate adverse environmental effects.
- **Policy advice** – Supporting organisations to conduct their activities in an appropriate and compliant manner and applying regulatory and policy requirements.
- **Communicating** – Communicating scientific and technical information to relevant audiences in an appropriate form, for example, via reports, workshops, educational events and public consultations.

Key elements include:

- Working independently and as a member of a team, being responsible for leading smaller projects, playing a key role in a larger programmes, managing their own work with a high level of autonomy, and reviewing technical input from others.
- Contributing to the preliminary and detailed design, development, and operational appraisal of safe and sustainable environmental solutions.
- Preparing, producing, reviewing and presenting documents and recommendations to support the delivery of environmental solutions.
- Liaising and influencing others; engaging and evaluating community/ stakeholder engagement and public consultations.
- Ensuring safe systems of work are applied, hazards and risks are identified and mitigated in their own work and demonstrate compliance with industry standards, and with health, safety and environmental regulations
- Using quality management and assurance systems to proactively operate effectively within organisational, financial and resource constraints.
- Demonstrating high levels of professional conduct, ethical behaviour and integrity; maintaining competence in line with professional codes of conduct;
- Providing professional guidance and support to colleagues, clients, and other stakeholders.

Approved training providers:



Professionally recognised by:



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Training programme:

- 60 month training programme.
- Entry with good A-levels (including Maths), BTEC in Engineering, or completion of the level 3 Civil Engineering Technician apprenticeship typically sought.
- Minimum 20% off the job training including completion of:
 - A mandatory professionally accredited BSc (Hons) Environmental Science degree.
 - Portfolio of evidence prior to EPA.
 - Maths and English level 2 qualifications.
- Development of competence on the job via the professional bodies licensed by the Society for the Environment, supported by on the job mentors.

Seven month EPA:

- Mandatory 7 month non-integrated End Point Assessment (EPA) to complete apprenticeship.
- EPA Gateway requires successful completion of degree and training programme, and professional portfolio.
- EPA includes:
 - Technical work-based Project set by EPA organisation.
 - Professional Interview underpinned by portfolio.
- Grades: distinction/pass/fail.
- Aligned to:
 - SocEnv's Registered Environmental Practitioner (REnVP).
 - IEMA's Environmental Practitioner (PIEMA).
- EPA Organisations: Set to be changed to Office For Students when reviewed in late 2022' and remove current wording.

Funding band assigned: £27,000.

Additional costs:

- Providers may charge employers above the funding band.
- Professional membership and Engineering Council registration fees (optional).

Approved: June 2019.

- Three yearly review due end 2022/early 2023.

Employers involved: Aecom, AgDevCo, Arup, Arcadis, Atkins, Balfour Beatty, Bam Nuttall, Capita, CH2M, Costain,

Curtins, Environment Agency, ERM, Greengage, ITP Energised, Jacobs, Leicestershire County Council, Mott MacDonald, National Trust, Peter Brett, Siemens, Skanska, Stantec, Transport for London (TFL), Tideway, Warwickshire County Council, Waterman, Wood, WSP, Vinci.

Others involved: Chartered Institute of Ecology and Environmental Management (CIEEM), Chartered Institution of Water and Environmental Management (CIWEM), Institute of Environmental Sciences (IES), Institute of Environmental Management and Assessment (IEMA), Royal Institution of Chartered Surveyors (RICS), Society for the Environment, Kingston University, Open University, University of Central Lancashire (UCLan), University of the West of England (UWE).

Technical Apprenticeship Consortium (TAC)

Association for Consultancy and Engineering (ACE),
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