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Environmental monitoring and protection      T868

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*Presentation pattern*      *November to April*

*Module description*

There is often a legal requirement in many countries for a formal environmental impact assessment of all infrastructure projects that are likely to have a significant impact on the environment. This module will equip students with the skills necessary to undertake environmental assessment work and interpret the results. The module covers water pollution control, air quality management, noise control, and solid wastes management, using a rich variety of examples. It utilises computer modelling for prediction of impacts, and offers a range of remedial measures that can be selected for effective pollution control. The principles taught in this module can be applied worldwide.

*Person specification*

The person specification for this module should be read in conjunction with the [generic person specification](#) for an associate lecturer at The Open University.

As well as meeting all the requirements set out in the generic person specification, you should have:

- a degree in a relevant Science or Engineering subject (e.g. Environmental Science, Environmental Engineering, etc.)
- a sound theoretical understanding of environmental protection
- significant experience of an interdisciplinary approach to environmental protection
- some practical experience of environmental protection
- a keen and enthusiastic approach to engaging with students in a variety of media, including e-desktop conferencing.

It would be an advantage to have:

- a postgraduate qualification in a relevant subject area
- experience of working across environmental protection in a variety of organisations
- expertise in supporting students with maths skills
- experience of tutoring T210 or T308 would be an advantage
- membership of a relevant professional body.

*Module related details - a full explanation can be found on the website*

Credits awarded to the student for the successful completion of a module:	30
Number of assignments submitted by the student:	3
Method of submission for assignments:	2
Level of ICT requirements:	3
Number of students likely to be in a standard group:	20
Salary band:	4
Estimated number of hours per teaching week:	6

There may be opportunities for ALs to undertake associated assessment work for which there will be additional payment and about which you will be contacted separately if applicable.