

## Science, Ecology and Theology (TMM2661)

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Module Level:	5
Module Credit Value:	20
Pre-requisites:	None
Co-requisites:	None
Excluded Combination Modules:	TMM2237 – Sustaining the World: Christian Faith and the Environment TMM2721 – Issues in Science and Religion
Aims:	<p>To enable students to understand the interaction of claims from the natural sciences with a range of theological positions.</p> <p>To equip students with the skills necessary to evaluate the critiques of the Christian tradition arising out of the environmental crisis, as described in science and ecotheology.</p>
Content:	<p>A study of the range of possible interactions of the natural sciences with theology, e.g. using a published taxonomy of interactions, and historical and contemporary examples.</p> <p>An outline of the contemporary environmental crisis as described by ecological science.</p> <p>An evaluation of a range of critiques of the Christian tradition from within the literature of ecotheology (such as critiques of anthropocentrism, over-dependence on eschatology, patriarchy etc).</p> <p>An evaluation of one or more specific ecological issues (such as climate change) as an example of science interacting with theology.</p> <p>An evaluation of strategies in Christian ecotheological ethics such as human as steward and as created co-creator.</p>

Learning Outcomes:

On completing this module students will be able to:

***Subject Knowledge [SSK 2]***

Give a detailed account of the interaction between theology and the natural sciences with reference to some particular examples.

Describe and evaluate various critiques of the Christian tradition leveled within ecotheology.

Give a detailed account of a contemporary ecological concern and its relationship to the science-theology debate.

Compare and contrast a range of theological understandings of human responsibility in respect of creation care.

***Subject Skills [SSS 3]***

Draw on key aspects of scientific and theological positions to begin developing a critical analysis of the ecological situation, which is widely regarded as one of unparalleled crisis.

Reflect on contemporary responses to the current ecological situation and the Church's response.

***Key Skills (KS 1-3)***

Identify, gather, analyse and evaluate textual source materials for a range of purposes, and communicate their findings with clarity and fairness.

Undertake a critical analysis of information and arguments, communicating these effectively, showing critical awareness of their own beliefs, commitments and prejudices

Modes of Teaching and Learning:

Teaching methods to be specified by each TEI, using the 'Guidelines for Modes of Teaching and Learning'.

Learning Hours:

Learning hours to be specified by each TEI using the 'Guidelines for Learning Hours'.

Formative Assessment:

Formative assessment to be specified by each TEI in line with the published guidelines on formative assessment.

Summative Assessment:

Summative assessment to be specified by each TEI using the published guidance on assessment patterns for undergraduate modules.

Indicative Reading:

Indicative reading to be specified by each TEI in line with the published guidelines on creating bibliographies for undergraduate modules.