

Module Overview

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|---------------------------------|---|-------------|-------------------|
| Module Title | Environmental Science in Agriculture | | |
| Module Code | CU4011 (EPU1) | Module Type | Taught Module |
| Subject Area | Agricultural Science and Practice (ASP) | | |
| Module Leader | Marharyta Lyshenko | | |
| Location | SNAU Ukraine | Semester | Semester 1 (SNAU) |
| FHEQ Level | Level 7 | Credits | 15 credits |
| QAA Subject Benchmark Statement | No relevant statement | | |

Module Description

This postgraduate module is designed to provide students with the skills necessary to tackle issues surrounding how the environment impacts agriculture and how agriculture impacts the environment. Students will gain sought-after transferable skills allowing them to be confident with interpreting environmental data from agricultural settings and being able to make sound deductions based on the available evidence. The knowledge gained will equip the students to make an impact on the sustainable adaptation agriculture to climate change.

Intended Learning Outcomes

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|------|--|
| ILO1 | Analyse and discuss the influences of environmental factors on agriculture and make deductions about sustainability |
| ILO2 | Critically evaluate how agriculture affects the environment and discuss implications for sustainability |
| ILO3 | Select and apply the scientific techniques and methodologies used in measuring, monitoring and researching environmental impacts |
| ILO4 | To interpret complex data, including uncertainty, and drawing sound applicable conclusions |

Learning, Teaching and Assessment

Approach to Learning and Teaching

This module includes lectures and seminars. Each week focusses on a particular topic, which is first introduced in the online lecture and discussed in the seminar. The associated weekly seminar then focusses on a key aspect of the topic in more detail and will generally be student-led, with group tasks, discussions and activities (e.g. presentations).

| Approach to Assessment | | | | | | | | | |
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| A single element of assessment will be required in the form of a report up to 3000 words. The essay format allows the student to argue a case bringing in relevant information from both the module contents and reading around the topic. It is the perfect means of testing critical analysis and argumentation building including dealing with uncertainty and complexity. | | | | | | | | | |
| Scheduled Learning and Teaching Hours (seminars) | | | | | | 24 | | | |
| Scheduled Learning and Teaching Hours (field-based) | | | | | | 0 | | | |
| Scheduled Learning and Teaching Hours (lab-based) | | | | | | 0 | | | |
| Scheduled Learning and Teaching Hours (computer-based) | | | | | | 0 | | | |
| Scheduled Learning and Teaching Hours (online learning) | | | | | | 12 | | | |
| Independent Study Hours | | | | | | 114 | | | |
| Placement Learning Hours | | | | | | 0 | | | |
| Total Study Hours | | | | | | 150 | | | |
| Assessment Components | | | | | | | | | |
| Component | Type | Weight | Acc' Req? | Submission Week | ILOs Assessed | | | | |
| | | | | | 1 | 2 | 3 | 4 | 5 |
| Essay (3000 words) | Coursework | 100% | <input type="checkbox"/> | Week 13 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Associated Programmes | | | | | | | | | |
| Programme Title | | | | | | Designation | | | |
| MSc Sustainable Agriculture and Food Security | | | | | | Optional | | | |
| Resources | | | | | | | | | |
| Reading list | | https://rau.rl.talis.com/index.html | | | | | | | |