### Module

**Advances in Agricultural and Forest Sciences**

### Code

MSLS_AF-24

### Degree Program

Master of Science in Life Sciences (MSLS)

### ECTS Credits

5

### Workload

150 h: Contact 24 h; Self-study 126 h

### Module Coordinator

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### Lecturers

- Dr. Lindsey Norgrove

### Entry Requirements

Students must either have specified their own Master’s thesis project (together with their principal advisor) or have identified suitable content for the module and secured the agreement of an advisor for the purpose of the module.

### Learning Outcomes and Competences

After completing the module students will be able to:

- explain important advances in the agricultural and forest sciences as they are relevant with respect to (i) their own field of investigation and (ii) the mutual understanding across different subfields within agricultural and forest sciences;
- discuss with other scholars important developments within agricultural and forest sciences.

### Module Content

The module covers selected topics of cutting-edge research and advances in agricultural sciences, technology and applications in the domains of plant science, animal science and agricultural and forestry economics. The content of the self-study is defined in accordance with the student’s principal advisor and can be adapted to cover recent developments and publications in the agricultural and forest sciences.

### Teaching / Learning Methods

- Seminars with presentations by students and subsequent discussions.
- Individual student’s paper (or other deliverable) on a specific topic in the field of applied agricultural or forestry sciences

### Assessment of Learning Outcome

1) Seminar presentation (30%)  
2) Individual student’s paper or examination on a specific topic (70%)

### Bibliography

Key references include:
- Forests, Trees and Livelihoods (latest volume), Taylor and Francis, Abingdon, [https://www.tandfonline.com/loi/tftl2](https://www.tandfonline.com/loi/tftl2)
- The State of Food and Agriculture (latest volume), FAO, Rome.
- Handbook of Agricultural Economics (latest volume), Elsevier, Amsterdam.
- Yearbook of Socio-Economics in Agriculture (latest volume), SGA, Zurich.

### Language

English
| **Comments** | Duration 1 semester: 1-3 days final seminar  
The following sequences are compulsory for students: Participation at the final seminar for one full day. For details on compulsory sequences, please refer to the detailed schedule of the module, which will be uploaded on Moodle 4 weeks before the start of the module. |
| **Last Update** | 20.04.2020 / Lindsey Norgrove |