



Master in Life Sciences

A cooperation between
BFH, FHNW, HES-SO, ZFH

Module	Current Topics in Applied Agricultural and Forest Research
Code	MSLS_AF-25
Degree Program	Master of Science in Life Sciences (MSLS)
ECTS Credits	5
Workload	150 h: Contact 24 h; Self-study 126 h
Module Coordinator	<p>Name Dr. Lindsey Norgrove</p> <p>Phone +41 31 910 21 94</p> <p>Email lindsey.norgrove@bfh.ch</p> <p>Address Bern University of Applied Sciences, School of Agricultural, Forest and Food Sciences, Laenggasse 85, 3052 Zollikofen</p>
Lecturers	<ul style="list-style-type: none"> • Dr. Lindsey Norgrove
Entry Requirements	Students must have either 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 the module coordinator or another advisor for the purpose of the module.
Learning Outcomes and Competences	<p>After completing the module students will be able to:</p> <ul style="list-style-type: none"> • present current topics in agricultural and forestry research within their own field of specialization; • discuss current topics of research with colleagues from other sub-fields of the environmental (agricultural or forest) disciplines; • give an overview of important topics that are currently on the research agendas in Switzerland and other countries.
Module Content	<p>The module covers selected examples of recently concluded or on-going research projects (e.g. at HAFL, WSL, Agroscope research stations, universities, CGIAR centers and other institutions in Switzerland or abroad).</p> <p>The content of the self-study is fixed in accordance with the student's principal advisor and can be adapted to cover recent developments and publications in the agricultural and forest sciences.</p>
Teaching / Learning Methods	<ul style="list-style-type: none"> • The module will be offered in a hybrid format allowing students to select to attend either on-site (in Zollikofen, Switzerland) or from home. • Seminars with presentations by students • Discussion of current research topics • Individual student's paper (or other deliverable) on a specific example in the field of applied agricultural or forest research
Assessment of Learning Outcome	<ol style="list-style-type: none"> 1) Seminar presentation and discussion (30%) 2) Individual report, review paper or additional exam by the principal advisor (70%)
Bibliography	<p>Key references include:</p> <p>Agrarforschung Schweiz (German/French/English, latest volume), https://www.agrarforschungschweiz.ch/</p> <p>Agriculture, Ecosystems and Environment (latest volume), Elsevier, Oxford. https://www.journals.elsevier.com/agriculture-ecosystems-and-environment</p> <p>Agronomy Journal (latest volume), American Society of Agronomy, Madison.</p> <p>AgEcon Search, Research in Agricultural & Applied Economics Accessed on 07.01.2013, http://ageconsearch.umn.edu/</p> <p>European Journal of Agronomy (latest volume), Elsevier, Oxford, https://www.journals.elsevier.com/european-journal-of-agronomy</p>

MSLS_AF-25 – Current Topics in Applied Agricultural and Forest Research

	Forest Ecology and Management, https://www.journals.elsevier.com/forest-ecology-and-management
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	24.03.2022 / Lindsey Norgrove