



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 a suitable topic and an 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"> • 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> <p>Forest Ecology and Management, https://www.journals.elsevier.com/forest-ecology-and-management</p>

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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