



Module	Current Topics in Applied Agricultural Research
Code	MSLS_AF-25
Degree Program	Master of Science in Life Sciences (MSLS)
ECTS Credits	5
Workload	150 h: Contact 35 h; Group Exercise 0 h; Self-study 115 h
Module Coordinator	<p>Name Dr. Karin Zbinden</p> <p>Phone +41 31 910 21 59</p> <p>Email karin.zbinden@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. Karin Zbinden • Guest lecturers
Entry Requirements	Students must have specified their own Master's thesis project (together with their principal advisor) and submitted a copy of their project definition to the Head of the Master's degree program.
Learning Outcomes and Competences	<p>After completing the module students will be able to:</p> <ul style="list-style-type: none"> • present and explain current topics in agricultural and forestry research within their own field of specialization; • discuss current topics of research with colleagues from other subfields of the agricultural 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 topics of recently concluded or on-going research projects (e.g. at HAFL, WSL, Agroscope research stations and other institutions in Switzerland and abroad). It will be adjusted to the current research agendas in these fields and communicated at the start of the module.</p> <p>The content of the self-study is fixed in accordance with the student's principal advisor and can be adopted to cover recent developments and publications in the agricultural sciences.</p>
Teaching / Learning Methods	<ul style="list-style-type: none"> • Seminars with presentation by (guest) lecturers and students. • Discussion of current research topics. • Students will act as discussant to an assigned presentation.
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), Agroscope FAL Reckenholz, Zürich.</p> <p>Agriculture, Ecosystems and Environment (latest volume), Elsevier, Oxford.</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</p> <p>International Forestry Review (latest volume), Commonwealth Forestry Association, Oxford.</p>
Language	English

MSLS_AF-25 – Current Topics in Applied Agricultural Research

Comments	Duration 1 semester: 2 hours general introduction; 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	08.02.2016 / Karin Zbinden