



Appendix to the curricula
of the Faculty of Science and Medicine

Evaluation modalities for teaching units in Soft Materials

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1 Introduction

This appendix describes the evaluation criteria of teaching units (TU) under the responsibility of the Adolphe Merkle Institute (AMI). It supplements the curriculum for the “**Specialized Master of Science in Chemistry and Physics of Soft Materials**”, where TU are labelled with the codes "SSO.0nnnn". It is subject to the “Regulations for obtaining the Bachelor of Science and Master of Science”.

All relevant documents can be found at <http://www3.unifr.ch/scimed/plans>.

2 Evaluation of the teaching

Exercises, projects and seminars will be evaluated according to criteria that will be announced at the beginning of each semester. The satisfactory evaluation of exercises is a prerequisite for the participation in the exam of the corresponding course. Courses are evaluated by oral or written exams, the duration of which is listed below. The exams take place, in general, at the end of the two semesters (autumn, spring). The students have to register for each exam on the students' web portal MyUniFR (<https://my.unifr.ch/>) with their personal account and password, within the registration period of each course. The exam covers the entire material that was taught in the TU of the corresponding semester. In exceptional cases, a list of the examined material will be provided by the AMI and / or the responsible teacher. The exam results are ranked on a scale ranging from 6 (best) to 1 (lowest ranking). An exam with a ranking below 4 can be repeated only once and at the next exam session the earliest.

3 Evaluation Criteria

Exercises, projects and seminars will be evaluated according to criteria that will be announced at the beginning of each semester. In some cases, exercises will be examined together with the corresponding course.

Code	Teaching Unit	ECTS	Evaluation criteria
SSO.04102	Nanomaterials (exercises)	1.5	Adequate participation: pass/fail
SSO.04110	Fundamentals in cell biology (lecture)	3	30 min oral exam
SSO.04111	Fundamentals in cell biology (exercises)	1.5	Adequate participation: pass/fail
UBE.01834	<i>Cutting Edge Microscopy</i>	3	<i>Written exam</i>
SSO.04150	Basic laboratory skills (practical course)	9	Pass/fail, based on reports of the experiments
SSO.04160	Seminar attendance I	0.5	Attendance
SSO.04210	Scattering techniques (lecture)	3	30 min oral exam
SSO.04215	Soft condensed matter physics (exercises)	1.5	Adequate participation: pass/fail
SSO.04220	Biophysics (lecture)	3	30 min oral exam
SSO.04221	Biophysics (exercises)	1.5	Adequate participation: pass/fail
SSO.04250	Short project I (practical course)	4.5	Report + oral presentation
SSO.04260	Seminar attendance II	0.5	Attendance
SSO.04310	Functional materials (lecture)	3	30 min oral exam
SSO.04311	Functional materials (exercises)	1.5	Adequate participation: pass/fail
SSO.04330	Innovation	1.5	Written report (pass/fail)
SSO.04350	Short project II (practical course)	4.5	Report + oral presentation
SSO.04360	Seminar attendance III	0.5	Attendance
SSO.04510	Polymer engineering (lecture)	3	30 min oral exam
SSO.04511	Exercises in polymer engineering (exercises)	1.5	Adequate participation: pass/fail
SSO.04520	Self-assembly, self-organization (lecture)	1.5	20 min oral exam
UBE.01835	<i>Applied biomaterials (lecture)</i>	3	<i>written exam*</i>
SSO.04540	Soft matter modelling and simulation techniques (lecture)	3	30 min oral exam

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SSO.04541	Soft matter modelling and simulation techniques (exercises)	1.5	Adequate participation: pass/fail
SSO.04550	Materials for energy applications (lecture)	3	Seminar project write-up + 20 min presentation
SSO.04560	Risk-assessment and toxicology of modern materials (lecture)	1.5	20 min oral exam
SSO.04570	Biomembranes (lecture)	3	30 min oral exam
SSO.05000	Master thesis	45	Lab work, written thesis, oral presentation with questions of 30 min
SSO.05001	Seminar attendance IV	0.5	Attendance

* For information only