Subject specific grading criteria proposed by the Biology, Geography/Physical Geography staff and established by the Board of Undergraduate Studies of Science, Technology and Media 2007-04-11.
MIUN 2007/890

Grading Criteria: Biology

Grade	Criteria
A	**Level:** The student demonstrates outstanding results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and excellent understanding of theoretical as well as applied problem areas in biology. **Range:** Fulfils all of the course learning objectives very well.
B	**Level:** The student demonstrates very good results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and understanding of theoretical and applied problem areas in biology. **Range:** Fulfils the course learning objectives, most of which very well.
C	**Level:** The student demonstrates good results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and understanding of theoretical as well as applied problem areas in biology. **Range:** Fulfils the course learning objectives, many of which very well.
D	**Level:** The student demonstrates satisfactory results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and understanding of theoretical as well as applied problem areas in biology. **Range:** Fulfils the course learning objectives, of which a few or a couple very well.
E	**Level:** The student demonstrates sufficient results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability if judgment and understanding of theoretical as well as applied problem areas in biology. **Range:** Fulfils the course learning objectives.
Fx	**Level:** The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and understanding of theoretical as well as applied problem areas in biology.

	Range: One or a couple of the course learning objectives are not fulfilled. Additional work is required to fulfill the course learning objective/s. **Revision possible within timeframe indicated by the examiner.**
F	**Level:** The student demonstrates insufficient results considering the requirements of the course learning objectives regarding problem-solving skills, presentation skills, ability of judgment and understanding of theoretical as well as applied problem areas in biology. **Range:** Does not fulfill all of the course learning objectives.

Table 2: An incomplete explanation of the "attributes"

Course	Attribute
Biology courses	**Problem-solving skills:** Theoretically: Based on a given problem the student is able to use relevant connections to retrieve the wanted value. Experimentally: The student begins by planning his/her project (assignment), individually or in a group, and defining what the aim of the project (assignment) is (i.e. formulating a "specification of requirements"). Based on a given problem the student is able use/construct appropriate equipment to "measure" what is demanded.
	Concept comprehension: Theoretically: The student comprehends the definitions of the concepts included in the course, and is able to use these definitions and possibly one or more additional simple connections to analyze biological examples and draw conclusions of expected outcome. The student is able to motivate and use connections (i.e. state under which conditions respective connection is valid.) Experimentally: The student is able to interpret experimental results with the help of the concepts and connections included in the course.
	Technical measurement skills (laboratory session courses/project courses) Laboratory session: The student is able to handle measure and method equipment, carries out repeated analysis, varies the quantities which can be varied, uses charts and curve fitting as aid to determine wanted quantities, estimates measurement uncertainties, if possible uses a different method of measurement as comparison. Project: The student carries out the project according to the project plan, verifies the results, if the specification of requirements are not met the student attempts to attend to the shortcomings.
	Presentation skills: Theoretical problem-solving: (written or oral presentation) The student presents what is given and what is wanted, motivates the central connections used, uses appropriate terms, uses units correctly, presents calculations, and carries out the solution in steps which are easy to follow. Report writing: (complete report/project report) The student writes a well structured report with an accurate biological

	content. The language is fairly acceptable. The report contains a short summary that describes, in short, what has been done and the most important results obtained. Measurement data is presented in the form of tables and charts. A good report also includes: a comparison of results of other methods, reflection on measurement uncertainties, and an interpretation of the meaning and significance of the results. (limited report) Includes a short summary. Measurement data are presented as tables and charts. If there are any questions these are answered by the student. Oral presentation: The student presents his/her material in a well structured way, and uses technical aids in an appropriate way. The student accounts for the results meaning and significance.
	Ability of judgment The student demonstrates the ability to make assessments considering relevant scientific and ethical aspects; shows insight into the possibilities and limitations of biology and science, its role in society and people's responsibility for how it is used, including social, financial, environmental and work environmental aspects; shows insight in and ability work as a part of a team and cooperate in groups of different composition.