Method of appraisal	Criteria
Written theory exam	The written exam can give up to 45 % of the total grade points of the course. Knowledges and skills aquired in the lectures will be estimated. Student will have to provide answers to 5 randomly provided questions on topics covered during lectures (various biotechnological processes). The answers to each question will be appraised with max 5 points according to the following criteria: *1p.* – process is poorly described, terms and fundamentals not understood. *2p.* – process is described to rather minimum extent, mistaken with terms and fundamentals. *3p.* - process is described partly, terms and fundamentals aquired. *4p.* – process description covers well to what concerns topics covered during lectures, terms and fundamentals aquired. *5p.* – process description covers well to what concerns topics covered during lectures, additional information supplied by student based on independent literature survey, terms and fundamentals aquired. To pass the exam student needs to reach over 50 % of the maximum points (i.e at least 13p. out of 25p).
Test	The test can give up to 45 % of the total grade points of the course. It consists of 7 assignments (biotechnological calculations): 4 of them being more general (level 1) and 3 more complex ones (level 2). The answers to these assignements will provide 4*10%+3*20%, respectively, of the total points of the test. Level 1 assignments consist of calculations of moles, microbial growth rates, and elemental mass balances. Level 2 assignments consist of calculations and theoretical analysis of biotechnological processes such as process yield and productivity assessments of microbial or enzyme assisted processes. To pass the test student needs to reach minimum 50 % of the maximum points.
Lab practice	Lab practice can provide up to 10 % of the total grade points of the course. Before each session of the practical work student needs to become familiar with the topic and relevant experimental guidances (materials provided beforehand). All practices should be finished with appropriate experimental protocols which have to be defended to the supervisor. Appraisal will be conducted in 10 point system. Student needs to gain minimum 25 % of the maximum points. Appraisal will be conducted using similar principles as described above in theory exam part.
Premises to pass the course	Student can give the theory exam only after aquiring at least minimum points achieveable in test and lab practice.
Calculation of the final	The final appraisal mark will be calculated after passing the lab

appraisal mark	practice (max 10 % of the final mark), test (maximum 45 % of the final mark) and theory exam (maximum 45 % of the final mark)