

<b>General Information</b>			
<b>Course name and code</b>	Plant Stress Physiology UBEV/STFR/09	<b>ECTS Credits</b>	3
		<b>Semester</b>	2nd (Summer) Master & Doctoral Degree
<b>Aims</b>			
Students will cultivate plants and exhibit them by different abiotic or biotic stress conditions. They will learn how to measure stress physiological parameters in their samples.			
<b>Contents</b>			
Introduction to stress physiology, general mechanisms of stress reactions in living organisms, primary and secondary metabolism related to stress response. Examples of known plant stress responses on molecular level (PCR gene expression, enzymes...)			
<b>Assessment Methods and Criteria</b>			
Written exam, presentation of results			
Grading Scale (in %): A ... 100 - 91%, B ... 90 - 81%, C ... 80 - 71%, D ... 70 - 61%, E ... 60 - 51%, Fx ... < 51%			
Grading System: <b>1795</b>			
The University recognises the following six degrees for the evaluation of the study results:			
a) A – excellent (excellent results) (numerical value 1)			
b) B – very good (above average results) (1.5)			
c) C – good (average results) (2)			
d) D – satisfactory (acceptable results) (2.5)			
e) E – sufficient (results meet the minimum criteria) (3)			
f) FX –failed (requires further work) (4)			
<b>Bibliography</b>			
Taiz L., Zeiger E. (2010) Plant Physiology. 6 <sup>th</sup> Edition, Sinauer Associates, Sunderland.			
Makkar H.P.S., Sidhuraju P., Becker K. (2007) Plant Secondary Metabolites. Humana Press Inc., Totowa, NJ			
Scientific papers from databases Web of Science, Scopus, etc.			