

PRODUCTION OF ECOSYSTEMS AND FORMS OF THEIR REGULATION (MsC) 2017/2018

Data	Lectures (2 hours+1 our homework): Monday 8-9.45 h, G6)	
4. September	Introduction	Bernáth
11. September	-	
18. September.	Sun energy and its utilization	Bernáth
25. September.	Photosynthesis and modification factors	Bernáth
2. October	Role of light in growth and development	Bernáth
9. October	Distribution of thermal energy and its effect on vegetation and biomass production	Bernáth
16. October	Effect of temperature on growth and development	Bernáth
23. October	-	
30. October	Ecological role of water supply	Bernáth
6. November	Composition, movement of air and their effect on production	Bernáth
13. November	Role of macro and micro elements	Bernáth
20. November	Biotic factors plant-plant interactions	Bernáth
27. November	Biotic factors, plant-fungi; plant animal interactions	Bernáth
4. December	Stress as factor modifying production	Bernáth

Precondition of fulfilling the course: not more than three absences from the lectures

Assay: 5-7 pages essay in connection of one of the themes of lectures and the personal subject of diploma work (At list 20 literature references and 15 of them should be journal articles)

Exam: oral

Budapest, 31/08/2017

Prof. Dr. Jenő Bernáth

