

Name of university, Name of faculty: Trnava University
Faculty of Education

INFORMATION SHEET OF THE SUBJECT

Code: XBIB001	Name: General Biology				
Cover: Department of Biology					
Type of educational activity: Lecture, Seminar				Number of credits: 6	Recommended semester: WT
Scope of educational activity (in hours): Weekly: 2/2 For term of study: ZS 46,46					Study grade:
Method of educational activity: Attendance					
Underlie subjects:					
Conditions for passing the course: Method of evaluation: Completion by taking an examination					
Continuous evaluation: Final evaluation: Finished: Written and oral exam: 100 points					
Learning outcomes: General biology generalizes biological knowledge, helps to understand the patterns of living character origin and evolution of life, and to interpret these laws in school practice. This subject provides basic information on the morphogenesis, processes of reproduction, ontogenesis, differentiation and transformation of prokaryotic and eukaryotic cells.					
Schedule of subject: Introduction, biology methodology, general properties of living systems, organization of living systems, flow of substances, flow of energy, flow of information, regulation of living systems, ontogenesis of living systems, evolution of living systems, classification of living systems.					
Recommended reading: Sekerka, V. Všeobecná biológia. Učebné texty. Trnava : PdF TU, 2009. Flegr, J. Evoluční biologie. Academia, 2009. Sapp, J. Genesis: Velký příběh biologie. Academia, 2015. Rádl, E. Dějiny biologických teorií novověku I. – II. Academia, 2006. Agutter, P. S., Wheatley, D. N. Thinking about life: the history and philosophy of biology and other sciences. Springer Science & Business Media, 2008. Nečas, O. a kol. Obecná biologie. Praha, 2001.					
Language requirements: Slovak					
Notes:					
Course evaluation: Assessed students in total: 316					
A	B	C	D	E	FX
23%	16%	19%	12%	5%	25%
Lecturers:					
Date of last change: 01.09.2026					
Approved by: prof. RNDr. Alfréd Trnka, PhD.					