



Subject code: GUO/104	Subject name: Current events in the teaching process of geography		
Ciklus: III	Year: I	Semester: I	ECTS credits: 7
Status: Optional		Contact hours: 45 Lectures: 30 Exercises (Seminars): 15	
Assigned professors and assistants:	Teachers and associates selected in the field to which the subject belongs		
Prerequisites:	/		
Subject objectives:	Understanding the advantages of the subject of geography as a medium in which the transformation from traditional to modern teaching can be very easily done, with the help of computer techniques. This opens the possibility of creating a competency-based curriculum, where the teacher manages the learning process: working in geography with gifted and special needs students, including the Internet in education and distance learning, connecting higher education and science with secondary and primary education through computer technology.		
Teaching units:	<ol style="list-style-type: none"> 1. Diferentia specifica: traditional and student-centered geography teaching 2. Teaching geography and ITC 3. Geography teaching 4. Exchange of information 5. Problem solving and decision making planner. 6. Cooperation and compassion, evaluation is permanent and cumulative, focused on development, success and progress 7. Lecture teaching - receptive learning; 8. Problem-based teaching - learning through discovery 9. Methods of moral learning - moral learning and geographical etiquette 10. Action-oriented teaching - integrative learning Super-teaching - mega-teaching - according to alternative forms of learning and teaching 11. Evaluation and self-evaluation; 12. Development institutions and programs; Bilateral institutions; 13. Multilateral institutions; Non-governmental organizations (NGOs) and civil society 14. Structural adjustment programs - Millennium Development Goals - Poverty Reduction Strategies 15. Selected aspects and problems of development 		



Learning outcomes:																						
Teaching methods:	Multimedia presentation and conversation (lecture); research independent work of students and joint analysis (research seminar/project).																					
Knowledge testing methods with grading structure¹:	<p>Knowledge test - criterion:</p> <ul style="list-style-type: none"> - Paper work..... 50 - Oral Discourses 25 - Project tasks 25 <p>TOTAL... 100, condition for passing: 55 points</p> <p>Rating:</p> <table border="1"> <thead> <tr> <th>Grade E</th> <th>CTS grade</th> <th>Number of points</th> </tr> </thead> <tbody> <tr> <td>10 (A)</td> <td>excellent</td> <td>95 - 100</td> </tr> <tr> <td>9 (B)</td> <td>excellent</td> <td>85 - 94</td> </tr> <tr> <td>8 (C)</td> <td>very good</td> <td>75 - 84</td> </tr> <tr> <td>7 (D)</td> <td>good</td> <td>65 - 74</td> </tr> <tr> <td>6 (E)</td> <td>sufficient</td> <td>55 - 64</td> </tr> <tr> <td>5 (F, FX)</td> <td>insufficient</td> <td><55</td> </tr> </tbody> </table>	Grade E	CTS grade	Number of points	10 (A)	excellent	95 - 100	9 (B)	excellent	85 - 94	8 (C)	very good	75 - 84	7 (D)	good	65 - 74	6 (E)	sufficient	55 - 64	5 (F, FX)	insufficient	<55
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Literature²:	<p>MANDATORY:</p> <ol style="list-style-type: none"> 1. Blystone R. V., MacAlpine B., (2005): WWW.Cell Biology Education: Using the World Wide Web To Develop a New Teaching Topic. Cell Biol Educ. 4(2): 105-111. 2. www.ncbi.nlm.nih.gov/pmc/articles/PMC1103710/ - 3. Craciun D., Isvoran A., (2009): Teaching molecular Biology using computational tools and tacking into account the learning styles of students. Romanium Biotechnological Letters, 14 (4): 4567 - 4574. 4. www.rombio.eu/rbl4vol14/10.pdf - Fass M. F., (1998): Using the Internet to Enhance Biology Education: Suggestions for the Novice, Enhance Biology Education 24 (2), http://acube.org/volume_24/v24-2p7-12.pdf 5. Faure D., (2002): Education on the Internet, My Favourite Uses of Websites in Biology and Science Teaching, www.spartacus.schoolnet.co.uk/internet41a.htm 6. Franklin S., Peat M., (2003): Virtual biology: do we need the real thing? http://cblis.utc.sk/cblis-cdold/2003/2.PartA/Papers/Virtual_Labs/Franklin.pdf - 																					

¹ The structure of points and point criteria for each subject is determined by the Council of the organizational unit before the beginning of the academic year in which the subject is taught in accordance with Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton

² The Senate of the higher education institution as an institution or the council of the organizational unit of the higher education institution as a public institution determines mandatory and recommended textbooks and manuals, as well as other recommended literature on the basis of which exams are prepared by a special decision which must be published on its website before the beginning of the academic year in accordance with Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton



7. Harris, J., (1993): Using Internet Know - How to Plan How Students Will Know. The Computing Teacher.
www.officeport.com/jharris/
8. Peat M., Taylor C., (2005): Virtual biology: how well can it replace authentic activities?
<http://science.uniserve.edu.au/pubs/callab/Vol13/05.web.pdf> -
9. Seeburg D., (2003): Computers in the Biology Lab,
<http://horizon.unc.edu/projects/>
10. Moursund D., (2006): Introduction to Using Games in Education: A Guide for Teachers and Parent,
<http://darkwing.uoregon.edu/~moursund/dave/index.htm>

RECOMMENDED:

1. Sánchez J., Salinas A., Sáenz M., (2006): Mobile Game – Based Science Learning, <http://apru2006.dir.u-tokyo.ac.jp/pdf/1a-4.pdf>
2. Šorgo A., (2010): Information and Communication Tehnologies (ICT) in Biology Teaching in Slovenian Secondary School. Eurasia Journal of Mathematics, Science and Tehnology Education, 6 (1): 37-46.
3. www.ejmste.com/v6n1/EURASIA_v6n1_Sorgo.pdf
4. UNESCO (1998): World Education Report 1998: Teachers and teaching in a changing world.
www.unesco.org/education/information/wer/PDFeng/w holewer98.PDF - UNESCO: ICT in Education.
5. www.unesco.org/education/educprog/wer/wer.htm
6. <http://life.bio.sunysb.edu>
7. <http://telstar.ote.cmu.edu/biology/animation/>
8. <http://public.mzos.hr>
9. <http://www.udel.edu/biology/ketcham/microscope/>
10. <http://frog.edschool.virginia.edu>
11. <http://bio.ltsn.ac.uk/imagebank/>
12. <http://helios.bto.ed.ac.uk/bto/microbes/microbes.html> – The Microbial World