

<b>Study programme: <i>Bachelor with honours in Geography</i></b>			
<b>Course title: Demographic Models</b>			
<b>Teacher(s): Daniela Arsenović</b>			
<b>Status: elective</b>			
<b>ECTS: 6</b>			
<b>Requrements: none</b>			
<b>Learning objectives</b> Introduce students to indirect techniques of demographic estimates and fertility, nuptiality and migration models, as well as model life tables.			
<b>Learning outcomes</b> Application of various fertility, mortality, nuptiality and migration models during the course work will increase students' understanding of the demographic models and enable them to write papers in the area of demography.			
<b>Syllabus</b> <i>Theoretical part:</i> Exploring the concept of stationary and stable population, as well as different mortality model life tables: tables of the United Nations for developing countries, Coale-Demeny regional model life tables, Lidermans system of tables, Brass logit tables. Coale-Trussel and Brass models will follow, as well as nuptiality and migration models.  <i>Practilac part:</i> Exercises. Writing a research paper about one demographic model using empirical data.			
<b>Literature</b> United Nations (1983). Indirect techniques for demographic estimation. Manual X. Department of international economic and social affairs, Population studies 81. New York. Ansley C., Trussell J., 1996. The Development and Use of Demographic Models. Population Studies 50 (3). 469-484. Xie Y., Piementel E. E., 1992. Age Patterns of Marital Fertility: Revising the Coale-Trussell Method. Journal of the American Statistical Association 87 (420). 977-984.			
<b>Weekly teaching load 3 (45)</b>	<b>Lectures 2</b>	<b>Exercises 1</b>	
<b>Methods of Teaching</b> Lectures Illustration and Demonstration Practical skills			
<b>Grading method (maximu 100 points)</b>			
<b>Pre-examination assignments</b>	points	<b>Final examination</b>	points
Activities during lectures	<b>0-5</b>	Written examination	
Activities during exercises	<b>0-5</b>	Oral examination	<b>30-45</b>
Colloguia	<b>20-40</b>	.....	
Seminar paper	<b>0-5</b>		