

„Alexandru Ioan Cuza” University from Iași  
 Faculty of Philosophy and Social-Political Sciences  
 Department of Political Sciences, International Relations and European Studies  
 Filed of studies: International Development Studies

### DISCIPLINE CHART

NAME OF DISCIPLINE		<b>RESEARCH METHODS IN SOCIAL SCIENCES</b>				CODE: SDI3
CICLE OF STUDIES DE STUDII (L-BA/M-MA/D-Ph.D.) AND YEAR OF STUDIES 1, 2, 3, 4		<b>I MA</b>	Semester	<b>1</b>	THE STATUS OF DISCIPLINE (OB-compulsory/OP-optional/F-facultative)	<b>OB</b>
NUMBER OF HOURS PER WEEK		TOTAL HOURS SEMESTER	TOTAL HOURS SEMESTER *	NUMBERS OF CREDITS	TYPE OF EVALUATION (P-along the way, C-colloquium, E-exam, M-mixed)	TEACHING LANGUAGE
C	S	L	Pr.			
<b>2</b>	<b>2</b>	-	-	<b>56</b>	<b>94</b>	<b>6</b>
					<b>EXAM</b>	<b>ENGLISH</b>

HOLDER OF THE ACTIVITIES OF COURSE	DIDACTIC AND SCIENTIFIC DEGREE, FIRST NAME, SURNAME	DEPARTMENT
	<b>PH.D. SENIOR LECTURER SILVIU-PETRU GRECU</b>	<b>Political Sciences, International Relations and European Studies</b>

HOLDER OF THE ACTIVITIES OF SEMINAR / PRACTIC WORK	DIDACTIC AND SCIENTIFIC DEGREE, FIRST NAME, SURNAME	DEPARTMENT
	<b>PH.D. SENIOR LECTURER SILVIU-PETRU GRECU</b>	<b>Political Sciences, International Relations and European Studies</b>

PREVIOUSLY COMPLETED DISCIPLINES	Research Methods in Political Sciences, Applied Statistics
----------------------------------	--

OBJECTIVES*	1. The identification of the basic methods for collecting and interpreting data from social and political reality. 2. Data interpretation with statistical and mathematical indicators relevant for social and political sciences. 3. Transposing in mathematical language information from national/ international politics. 4. Using research methods for solving problems of the social reality. 5. Description of reality through quantitative models. 6. Description of reality through advanced research methods. 7. Designing a coherent research project under a specific issue/ problem of social and political reality.
-------------	---

SPECIFIC COMPETENCES GAINED	
PROFESSIONAL COMPETENCES **	C3.1. Learning the principal methods for analysis and decision in international relations. C3.4. Evaluation the risk and incertitude in decision process in European affairs and international relations. C3.3. Using theories and methods for solving different situations of risk and crises. C4.3. Appling methods in empirical situation/ reality. C4.2. Recognizing fundamental methods for explaining and interpreting social and political processes. C4.4. Designing academic research programs for international relations and European affairs. C4.5. Appling research methods in comparative case studies.

TRANSVERSAL COMPETENCES	C3. Using research methods and techniques in international relations and European affairs C4. Projecting strategies in international relations and European affairs
CONTENT OF COURSE	<ol style="list-style-type: none"> <li>1. Principles and values in the methodology of scientific research</li> <li>2. Features of political reality. Research data between quantitative and qualitative approach</li> <li>3. Measuring data. Scales, planar and spatial distances</li> <li>4. Methods, techniques and instruments for scientific research</li> <li>5. Concepts, theory and testing hypothesis</li> <li>6. Social Sampling. Probabilistic and nonprobabilistic models</li> <li>7. Strings of numerical data. Progression and convergence. Statistical measures for central tendency, dispersion and distribution</li> <li>8. Statistical correlation and linear regression</li> <li>9. Nonlinear and multiline regression</li> <li>10. Factorial analysis. Factors and correlation matrix</li> <li>11. Cluster analysis</li> <li>12. Correspondence analysis. Inertia and interdependence</li> <li>13. The association of the qualitative data</li> <li>14. Variability and social indicators</li> </ol>
BIBLIOGRAPHY (SELECTIVE)	<ol style="list-style-type: none"> <li>1. Agabrian M, <i>Analiza de conținut</i>, Ed. Polirom, Iași, 2006.</li> <li>2. Apter D, <i>Introduction to political analyses</i>, Wintrop, Publish, Inc, cmbridge, 1977.</li> <li>3. Balnaves M, Caputi P, <i>Quantitative Research Methods</i>, Sage Publications, 2001</li> <li>4. Brown S, <i>Experimental design and analysis</i>, Sage University Papers, 1990.</li> <li>5. Chelcea S, <i>Metodologia cercetării sociologice. Metode cantitative și calitative</i>, Ed. Economică, București, 2004.</li> <li>6. Crano W, Brevier M, <i>Principles and Methods of Social Research</i>, Second Edition, Lawrence Erlbaum Associates Publishers, London, 2008</li> <li>7. Culic I, <i>Metode avansate în cercetarea socială</i>, Ed. Polirom, Iași, 2004.</li> <li>8. De Singly F, Blanchet A, et.al., <i>Ancheta și metodele ei</i>, Ed. Polirom, Iași, 1998.</li> <li>9. Degenne A, Forse M, <i>Introducing Social Networks</i>, Sage Publications Inc, 1999</li> <li>10. Duncan C, <i>Introducing Statistics for Social Research</i>, Routledge, London, 1994.</li> <li>11. Freedman D, <i>Statistical Models, Theory and Practice</i>, Cambridge University Press, 2009</li> <li>12. Given L (ed), <i>The Sage Encyclopedia of Qualitative Reserch Methods</i>, Sage Publications Inc, 2008</li> <li>13. Goodin R.E, Klingemann H.D, <i>Manual de știință politică</i>, Ed. Polirom, Iași, 2005.</li> <li>14. Iluț P, <i>Abordarea calitativă a socio-umanului</i>, Ed. Polirom, Iași.</li> <li>15. Jupp V, <i>The Sage Dictionary of Social Research Methods</i>, Sage</li> </ol>

	<p>Publications, London, 2006</p> <p>16. Kalton G, <i>Introduction to survey sampling</i>, Sage University Papers, 1983.</p> <p>17. Kenny D, Kashy D, Cook W, <i>Dyadic Data Analysis</i>, The Guilford Press, London, 2006</p> <p>18. King G, Keohane R, Verba S, <i>Fundamentele cercetării sociale</i>, Ed. Polirom, Iași, 2000.</p> <p>19. King R, <i>Strategia cercetării</i>, Ed. Polirom, Iași, 2005.</p> <p>20. Long Scott J, <i>Regression Models for Categorical and Limited Dependent Variables</i>, Sage Publications Inc, 1997</p>
<p>CONTENT OF THE WORKS OF SEMINAR /LABORATORY</p>	<ol style="list-style-type: none"> <li>1. Measuring social data</li> <li>2. Normative research design. Concepts and theoretical framework</li> <li>3. Empirical research. Scientific validity</li> <li>4. Tests for hypothesis. Probabilistic models</li> <li>5. Variables. Path analysis</li> <li>6. Measures of statistical correlation. Linear regression</li> <li>7. Nonlinear regression. Quadratic, hyperbolic and power models</li> <li>8. Cluster and factorial analysis</li> <li>9. Models of research in political sciences</li> <li>10. Quantitative analysis. Guidelines for political sciences</li> <li>11. Advanced methods for social scientists. Mathematical analysis and differential equations</li> <li>12. Evaluation of political research</li> <li>13. Designing the research proposal</li> <li>14. Final evaluation</li> </ol>
<p>BIBLIOGRAPHY (SELECTIVE)</p>	<ol style="list-style-type: none"> <li>1. Mărginean I, <i>Proiectarea cercetării sociologice</i>, Ed. Polirom, Iași, 2000.</li> <li>2. Morton R, <i>Methods and Models, A Guide to Empirical Analysis of Formal Models in Political Science</i>, Cambridge University Press, 2004</li> <li>3. Mouton J, Marris H, <i>Basic concepts in the methodology of social sciences</i>, HSRC, Pretoria, 1996</li> <li>4. Rateau P, <i>Metodele și statisticile experimentale în științele umane</i>, Ed. Polirom, Iași, 2004.</li> <li>5. Rotariu T, Iluț P, <i>Ancheta sociologică și sondajul de opinie</i>, Ed. Polirom, Iași, 1997.</li> <li>6. Rotariu T. (coord.), <i>Metode statistice aplicate în științele sociale</i>, Ed. Polirom, Iași, 2006.</li> <li>7. Somekh B, Lewin C, <i>Research Methods in the Social Sciences</i>, Sage Publications, London, 2005</li> <li>8. Stoica V, <i>Metodologia analizei politice</i>, Ed. Fides, Iași, 2000.</li> <li>9. Taylor A, Pacelli A, <i>Mathematics and politics, Strategy, Voting, Power and Proof</i>, Springer, 2008</li> </ol> <p>Topper Keith, <i>The disorder of Political Inquiry</i>, Harvard University Press, London, 2005</p>

METHODOLOGICAL LANDMARKS ***	Discussion, Brainstorming, Academic course, Exercises and Problems
------------------------------	--

EVALUATION	methods	Oral Examination, Homework, Projects, Practical Evaluation
	forms	The evaluation process is during the whole semester
	Weight of evaluation forms in the formula of final grade	<b>50%- practical and laboratory work during the semester</b>  10%- literature review 10%- scientific article 10%- research proposal 10%- student's activity in the class 10%- practical evaluation for SPSS software  <b>50%- Oral examination in the Exam period</b>  <b>Final grade= ( Practical Activity+ Exam)/ 2</b>
	Minimal standards of performance ****	Students have to be in the 50%+1 of the courses. The final average has to be minimum 5(five)

\* objectives are made according to the chart of professional competences for the program of studies

\*\* at the level of description

\*\*\* didactical strategy, materials, resources

\*\*\*\* reported to the competences made in Objectives or at the Minimal standards of performance from the chart 1L / 1M, according to case

Date of filing  
1.X.2016

Signature of course holder  
PH.D. SENIOR LECTURER

Signature of seminar holder  
PH.D. SENIOR LECTURER  
SILVIU-PETRU GRECU

Date of approval in department  
1.X.2016

Signature of director of department  
PH.D. PROFESSOR VIRGIL STOICA