

## DEPARTMENT OF POLITICAL SCIENCE

1.	<b>Program</b>	BS Political Science		
2.	<b>Title</b>	Advance Research Methods		
3.	<b>Semester</b>	6 <sup>th</sup>		
4.	<b>Code</b>	BS -PS314		
5.	<b>Rating</b>	03 Credit Hours		
6.	<b>Type</b>	Core Course		
7.	<b>Pre-requisites</b>			
8.	<b>Introduction</b>	<p style="text-align: center;"><b><u>Qualitative Research Methodology</u></b></p> <p>This course is designed to train students in qualitative research methodology, from conceptualization, through design and data collection processes for use in their studies. It includes a thorough discussion of qualitative research design and the role of theory in guiding and informing research design. The course begins with research problems, questions and design considerations. The course follows with training, through lecture, group work and hands-on experiences, in four data collection methods commonly used in qualitative research--observation, interview, focus group and use of documents and archival data. Students will undertake a pilot research study as part of the course requirements and as a means of trying out their research conceptualizing and data collection skills. The exercises are intended to develop the mindset required to think through, design, and execute a qualitative study.</p>		
9.	<b>Objectives</b>	<p>This course is an introduction to qualitative research methods—conceptualization, design and data collection procedures—with a special focus on research in international relations. Through this course, students will:</p> <ul style="list-style-type: none"> <li>• learn about the nature and application of qualitative research in social sciences.</li> <li>• learn to conceptualize qualitative research and to formulate problem statements and research questions</li> <li>• learn how to design a qualitative research study</li> <li>• learn about qualitative data collection procedures--observation, interviews, focus group interviews, and collection and use of documents and archival data</li> <li>• apply their research design and data collection skills by undertaking a pilot research study.</li> </ul>		
10.	<b>Contents</b>	<table border="1" style="width: 100%;"> <tr> <td style="width: 20%;">Week 1</td> <td>Overview. Course purpose, objectives, and requirements. What is qualitative research? How do qualitative and quantitative research designs differ?</td> </tr> </table>	Week 1	Overview. Course purpose, objectives, and requirements. What is qualitative research? How do qualitative and quantitative research designs differ?
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		Week 2	Research design. Types of research design.
		Week 3	Research design. Procedures for designing and setting up a qualitative research study. Conceptual Frameworks, Research questions, validity in data gathering
		Week 4 & 5	Starting a study: entry into the field; developing rapport; role of the researcher; confidentiality; collecting background information, sampling, and Validity in data gathering.
		Week 6 & 7	Interviews. Types of interviews (structured to unstructured). How to design interview questions; how to conduct interviews
		Week 8	Observations. Taking notes, following up issues, developing a sequence Types of observation procedures. How to observe and focus. Use of observation guides.
		Week 9	<b>Mid Term Exam</b>
		Week 10	Focus groups. Design, conduct and analysis of focus group interviews
		Week 11	Action Research
		Week 12-13	Documents and archival data. Definition, review of sources and types of data, methods of collection and analysis. Integrating and synthesizing data, reflexivity.
		Week 14	Qualitative Data Analysis Tool: Nvivo Introduction
		Week 15	Mixed Methods Research
		Week 16	Discussion of pilot study experiences and results
		Week 17	Open and Advanced Issues, Final Summary
		Week 18	<b>Final Term Exam</b>
11.	<b>Outcome</b>		
12.	<b>Recommended Books / Reference</b>	<p>These books have been selected to provide an in-depth understanding of the issues involved in conducting qualitative research, including design and the various methods of gathering and organizing data. Students should consider these books as a foundation for their professional library in qualitative methods.</p> <p>Berg, B. L. &amp; Lune, H. Qualitative Research Methods for the Social Sciences, 8th edition, Boston: Pearson, Allyn&amp; Bacon. 2012</p> <p>Creswell, J. W., Qualitative inquiry and research design, 2nd edition. Sage Publications. 2013.</p>	

	<p>Maxwell, J.A. Qualitative Research Design. Sage Publications, 2<sup>nd</sup> edition, 2013</p> <p>Rubin, H. J. &amp; Rubin, I. S. Qualitative Interviewing: The Art of Hearing Data, Sage Publications, 3<sup>rd</sup> edition, 2012.</p> <p>Seidman, I. E. Interviewing as Qualitative Research, Teachers College Press, 4<sup>rd</sup> edition.</p> <p>Yin, R. K. Case Study Research. Sage Publications, 4<sup>th</sup> edition, 2009.</p>
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8.	<b>Introduction</b>	<b><u>Quantitative Research Methodology</u></b>																				
		<p>This course is a core course designed to train students in quantitative research methodology, from designing their study, through data collection processes and techniques for analysis to be used in their studies. The course follows with training, through lecture, group work and hands-on experiences, in using and developing statistical methods that are informed by theories in political science and the social sciences more generally. Students will undertake a pilot research study as part of the course requirements and as a means of trying out designing a quantitative study and their data collection skills.</p>																				
9.	<b>Objectives</b>	<p>This course is an introduction to quantitative research methods. Through this course, students will:</p> <ul style="list-style-type: none"> <li>• learn about the nature and application of quantitative research in social sciences research</li> <li>• learn how to design a quantitative research study</li> <li>• learn about quantitative data collection procedures</li> </ul>																				
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		Week 13	Univariate Analysis
		Week 14	Logic of Hypothesis Testing
		Week 15	Correlation
		Week 16	The T-Test and Chi-Square Test
		Week 17	ANOVA and Regression
		Week 18	Final Exam
11.	<b>Outcome</b>	<p>On successful completion of the module, you will be able to:</p> <ul style="list-style-type: none"> <li>• Formulate appropriate research questions.</li> <li>• Select the most appropriate research design to address a specific research problem.</li> <li>• Demonstrate knowledge of common research designs and methods used in quantitative research (survey and experiments).</li> </ul>	
12.	<b>Recommended Books / Reference</b>	<p>Maxim, P. S. (1999). Quantitative Research Methods in the Social Sciences. Oxford: Oxford University Press.</p> <p>In addition to this, reading material for each topic will be provided in class.</p>	

#### Assessment Criteria:

Requirements	
Assignments/Quizzes/Project/Case Study/Team Presentations	
Mid-Term Exam	
Final Term Exam	