Framework of Coursework for the first semester anchored by School of Research Methodology:

<table>
<thead>
<tr>
<th>Type of Courses</th>
<th>Course titles</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Research Methodology Courses</td>
<td>BC01: Introduction to Social Science Research</td>
<td>2</td>
</tr>
<tr>
<td>(Five courses offered and anchored at School of Research Methodology)</td>
<td>BC02: Theoretical approaches to Social Science Research</td>
<td>2</td>
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<td></td>
<td>BC03: Quantitative Research Methods</td>
<td>2</td>
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<td></td>
<td>BC04: Qualitative Research Methods</td>
<td>2</td>
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<td></td>
<td>BC05: Ethics in Social Science Research</td>
<td>2</td>
</tr>
<tr>
<td>Thematic Courses for Research (One thematic course to be chosen from the courses offered by Schools/Centres)*</td>
<td>Thematic Course</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>12</td>
</tr>
</tbody>
</table>

* Thematic courses/optional courses offered by Schools and centres for the erstwhile M.Phil. taught programme. An updated list of thematic courses will be prepared by DSO in coordination with secretariats of Schools and Centres.

** The total credits mentioned here are the minimum credit requirement for the Ph.D. coursework as prescribed by the UGC.
Course content; course objectives; course pedagogy and assessment of the courses are given below:

**BC01: Introduction to Social Science Research**

Course objectives:

1. To familiarise with the process of research and its different notions
2. To understand the basic nature of social science research
3. To analyse the inter-linkage of research questions, objectives and research design
4. To enable to identify research theme and to develop a research proposal

Course content:

Unit I: Meaning of Research and its different connotations; Ways of knowing – method of tradition, intuition, authority and scientific method; Salient features of scientific method; Steps involved in conducting research – Induction and Deduction. Types of Research – Pure research and Applied research (8 hours)

Unit II: Nature and Scope of Social science research – Salient features of social science research – issues of generalization and objectivity; types of social science research – Action research, Ethnographic research, Historical research, Research based on secondary data; Purposes of social science research; Significance of social science research; Different stakeholders in Social Science Research; Research Ethics – the relationship between researcher and researched – ethical protocol for conducting research (12 hours)

Unit III: Problem formulation in Social Science Research - Identification of the problem area; Review of literature; Formulation of Research Questions and Objectives; Research Designs – meaning and components of research design; typology of research designs – quantitative, qualitative and mixed methods; developing a research proposal (10 hours)

Pedagogy: Mainly classroom lectures with discussions and few seminars

Method of Assessment: Presentation and Written Assignment (50%) and Written Assignment (50%)

Readings

Blaikie Norman. 2007. Approaches to Social Enquiry (2nd Edition)
BC02: Theoretical Approaches to Social Science Research

Course objectives

1. To map the ontology and epistemology of major social science theories
2. To delineate the link between specific theories and the methods/techniques of research
3. To enable to develop a theoretical framework for a research

Course content:

Unit I: Introduction: Locating the discourse – Theory, method and fact – Enlightenment and positivism - Verification and falsification debate – the structure of scientific revolution; Empiricism and sui generis nature of social reality (8 hours)

Unit II: Structural functionalism- Structuralism – post structuralism; Interpretative approach – Verstehen approach; Interactionism and the social construction of reality- Symbolic Interactionism – Phenomenology; Psychological theories – Behaviourism – Psychoanalysis (12 hours)

Unit III: Dialectics and materialist conception of history – Economic determinism – Neo-Marxism; Feminism – Mainstream social research as androcentric ideology – Social construction of gender – Structure-agency tensions; Postmodernism and the critique of social science research/theories (10 hours)

Pedagogy: Mainly classroom lectures with discussions and few seminars

Method of Assessment: Presentation and Written Assignment (50%) and Written Assignment (50%)

Readings

Aron, Raymond. 1970. Main Currents in Sociological Thought (Vol.2)
Course objectives:

1. To analyse the basic concepts and categories of quantitative research and their linkages
2. To examine the assumptions underlying the procedures/techniques of quantitative research
3. To provide training in designing and implementing quantitative research including practical training in the application of methods and techniques

Course content:

Unit I: Nature of Quantitative Research – Characteristic features of quantitative research; Steps in conducting quantitative research; Elements of quantitative research – concepts, variables and hypotheses; Quantitative research designs – longitudinal and cross-sectional; survey and experimental designs (8 hours)

Unit II: Sampling and data collection in Quantitative Research – Sampling methods and techniques – Probabilistic (random) and Non-probabilistic (non-random) methods of sample selection; determination of sample size; Sources of data – primary and secondary; nature of data – quantitative and qualitative; discrete and continuous data; Methods and tools of data collection – Interview, questionnaire, scaling techniques (10 hours)

Unit III: Data analysis in Quantitative Research – Introducing SPSS; Levels of measurement; Graphical, diagrammatic and tabular presentation of data; Descriptive statistics – mean, median, mode; range, standard deviation and coefficient of variance; Inferential statistics – Hypotheses testing – Chi-square test, t-test (12 hours)

Pedagogy: Mainly classroom lectures with discussions and few seminars

Method of Assessment: Presentation and Written Assignment (50%) and Written Assignment (50%)

Readings
Carver Robert H and Nash Jane Garadwohl. 2006. Doing Data Analysis with SPSS.
BC04: Qualitative Research Methods

Course objectives

1. To explain the philosophical and theoretical foundations of qualitative research
2. To provide training in designing and implementing qualitative research with emphasis on data analysis
3. To sensitise on ethical dimensions of qualitative research

Course content:

Unit I: Nature of Qualitative Research – Ontological and Epistemological assumptions of qualitative research; Characteristic features of qualitative research; Approaches of qualitative research – Ethnography, Participatory Action Research, Grounded theory and Case study (10 hours)

Unit II: Research design in qualitative research – selection of cases/participants (sampling) – principles of diversity and saturation; In-depth methods of data collection – participant observation, unstructured interviews, focus group discussion, life histories, participatory and rapid assessment procedures; Reliability and validity of qualitative data – triangulation and thick description; Ethical issues in qualitative data collection and presentation (10 hours)

Unit III: Data Analysis in Qualitative research – Organizing the data- recording, storing and retrieving the data – summarizing and reducing data through coding; thematic analysis; software tools for data analysis (Atlas. Ti) – interpretation and understanding (10 hours)

Pedagogy: Mainly classroom lectures with discussions and few seminars

Method of Assessment: Presentation and Written Assignment (50%) and Written Assignment (50%)

Readings
Clough Peter and Nutbrown Cathy. 2007. Methodology
David E. Gray. 2009. Doing Research in the Real World
Jane F.Gilgun and et al .1992. Qualitative Methods in Family Research
Jerry W.Willis and et al. 2007. Foundations of Qualitative Research
Morgan David L.2009. Focus Group as Qualitative Research.
Silverman David.2006. Interpreting Qualitative Data (Third Edition)
BC05: Ethics in Social Science Research

Course objectives:
1. To introduce ethical rules, principles and theories and their underlying philosophical foundations
2. To sensitize about the ethical issues in Social Science Research
3. To provide training to develop ethical protocol for conducting Social Science Research

Course content


Unit II: Ethics in Social Science Research: Ethical Rules - Informed consent, Voluntary participation Confidentiality, Anonymity, Privacy, Autonomy, Fair Selection, No Deception, Trustworthiness, No Plagiarism and No Fabrication; Ethical Principles- Nonmaleficence, Beneficence, Respect for persons, Justice, Fidelity and Integrity; Ethical theories – Utilitarianism and Deontology; Inter-linkages between ethical rules, ethical principles and ethical theories (10 hours)

Unit III: Ethical issues in Social Science Research: Issues in data collection, processing and reporting the findings; Issues arising out of relationship between researcher and researched; Ethical dilemmas; Protocols for conducting ethically appropriate Social Science Research; Software tools for detecting plagiarism (10 hours)

Pedagogy: Mainly classroom lectures with discussions and few seminars

Assessment: Presentation and Written Assignment (50%) and Written Assignment (50%)

Readings:
Diener Edward and Crandall Rick.1978. Ethics in Social and Behavioral Research
Gregory Ian. 2005.Ethics in Research
Hammersley Martyn and Trainou Anna.2012. Ethics in Qualitative Research – Controversies and Contexts
Mertens Donna M and Ginsberg Pauline E (Eds), 2009. The Handbook of Social Research Ethics
Reynolds P D.1979.Ethical Dilemmas in Social Science Research
Sjoberg Gideon (Ed)1967.Ethics, Politics and Social Research