Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis

About the course

subject	Forvaltning / Global Studies / Internationale udviklingsstudier / Politik og Administration / International Public Administration and Politics
activitytype	master course
Teaching language	English
Registration	Tilmelding sker via stads selvbetjening indenfor annonceret tilmeldingsperiode, som du kan se på Studieadministrationens hjemmeside
	Når du tilmelder dig kurset, skal du være opmærksom på, om der er sammenfald i tidspunktet for kursusafholdelse og eksamen med andre kurser, du har valgt. Uddannelsesplanlægningen tager udgangspunkt i, at det er muligt at gennemføre et anbefalet studieforløb uden overlap. Men omkring valgfrie elementer og studieplaner som går ud over de anbefalede studieforløb, kan der forekomme overlap, alt efter hvilke kurser du vælger.
	Registration is happing through stads selvbjeningwithin the announced registration period, as you can see on the Studyadministration homepage.
	When registering for courses, please be aware of the potential conflicts between courses or exam dates on courses. The planning of course activities at Roskilde University is based on the recommended study programs which do not overlap. However, if you choose optional courses and/or study plans that goes beyond the recommended study programs, an overlap of lectures or exam dates may occur depending on which courses you choose.
Prerequisite for participation	Knowledge of basic social science methodologies and methods is a requirement for taking the course for example as presented in: Bryman, A. (2016) Social Research Methods. Oxford: Oxford University Press.
	This course is not open for students who have taken Document Analysis on the 5th semester of their bachelor's.
Learning outcomes/ Assessment criteria	Knowledge • Knowledge of academic and/or scientifically-based, practice-oriented methods, their use and relevance at advanced level. • Understanding of and critical reflection on academic and/or scientifically-based, practice-oriented methods of social science research and their application in the future professions of students, such as in teaching, project management, consultancy, business management or research. Skills • Skills to carry out surveys and analyses using academic and/or scientifically-based, practice-oriented methods. • Skills to evaluate and select methods in research and professional practice. • Skills in communicating and discussing academic and/or scientifically-based, practice-oriented studies in a linguistic form that is correct, clear, technically precise, well-structured and well-argued. Competencies • Competency to co-operate with colleagues in applying various academic and/or scientifically-based, practice-oriented methods and forms of analysis to relevant issues in research and professional contexts. • Competency to reflect on one's own learning and responsibility for academic development.
Overall content	• Research-related and professional premises for academic and scientifically-based, practice-oriented analyses. • Procedures for the use of academic and/or scientifically-based, practice-oriented tools in research-related and professional contexts, respectively.
Detailed description of content	Politics can be understood as a struggle over influence with words rather than physical force. Different actors use documents for the purposes such as regulation, to underpin their actions, to

demand documentation for claims made in the public debate or for decisions made by public authorities. As a result, documents are produced by international organisations, public authorities, political parties, interest groups, NGOs, private companies, media, think tanks, citizens and other actors.

Document analysis is already a commonly applied approach in the social sciences. Many theories, including theories of institutional change, decision-making, and discourse typically include documents as sources. Likewise, a number of research methods including content analysis, grounded theory, argumentation analysis, and the analysis of ideas also rely on documents. Finally, a range of different types of documents including laws, reports, newspaper articles and communications are available through the Internet and elsewhere. With increased digitalisation, skills in collecting and analysing documents in a reliable manner is like to be in increasing demand in the future.

The course develops students' knowledge of and skills in applying quantitative and qualitative methods to analyse documents. The course focuses particularly on how computer-assisted document analysis, regardless of whether it is qualitative or quantitative, can provide a basis for transparent, structured, and well-presented document analysis. To this end, the course considers the selection and sampling of documents, different approaches to coding and analyzing documents as well as different ways of presenting document analysis in research and student reports.

In the course we will use the software program NVivo, which is available on RUCs intranet. Prior knowledge of NVivo or similar software is not a requirement for taking the course. Knowledge of basic social science methodologies and methods is a requirement for taking the course.

- Knowledge of different methods for analyzing documents, including with the aid of computer software.
- Competencies to systematically carry out document analysis to address theoretical and practical problems in the social science.
- Skills in applying quantitative and qualitative document analysis, and in the use of computer software to collect, query, and present analyses of documents.

Teaching and working methods	The course consists of presentations by the lecturers combined with student exercises, discussions and presentations. Students are encouraged to work with topics and research questions, which they currently explore or are planning to work with in their student projects.
Expected work effort (ECTS-declaration)	Reading of course literature and preparation for course lectures - 70 hours Attending lectures - 20 hours Student exercises and preparation of presentations - 15 hours Exam - 30 hours Total - 135 hours
Course material and Reading list	Course textbook: Bazeley, Pat and Jackson, Kristi (2013): Qualitative data analysis with Nvivo. 2. ed. Los Angeles, CA : SAGE.
Form of examination	The examination consists of an individual, written methodology assignment that discusses and problematises various possible methodological approaches. The assignment is set by the course teacher no later than the fifth course session. The assignment must be submitted no later than one week after the end of the course. The maximum length of the assignment is 26,400 characters, including spaces. The size specifications include the cover, table of contents, bibliography, figures and other illustrations, but exclude any appendices. Assignments that fail to meet the size specifications will be refused assessment, and one examination attempt will be deemed to have been used up.
Form of re-examination	Re-examination: Re-examination follows the same rules as the ordinary examination. The student is given fourteen days to complete the assignment.
Examination type	Individual examination
Exam aids	all
Assessment	7-point grading scale
Moderation	None (i.e. course lecturer assesses)
Evaluation- and feedback forms	There will be an opportunity to get oral feedback on the exercises and discussions in class. Participants can expect to have collective feedback on the written exams (as a whole), as well as the opportunity for oral feedback in person for the individual written exams.

Responsible for the activity	Jesper Dahl Kelstrup (kelstrup@ruc.dk)
teacher	Kennet Lynggaard (kennetl@ruc.dk) Jesper Dahl Kelstrup (kelstrup@ruc.dk) Kim Sass Mikkelsen (ksass@ruc.dk)
STADS stamdata	master course workload : 5 ECTS activitycode : U41213 exam form : Skriftlig (ut) grading : 7-point grading scale censorship : ingen censur

Course days:

Hold: 1

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Lecture 1 (FORV, GS, IDS, IPAP, PA)

time	13-02-2019 08:15 til 13-02-2019 12:00
forberedelsesnorm	3.5 timer
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)
Teacher	Kennet Lynggaard (kennetl@ruc.dk)
Content	**Politics: A battle of words** This session introduce a series of approaches to political analysis where words and text is key to our understanding of politics, political conflict and negotiation. By means of examples and exercises, focus is on how we may understand politics through the study of documents, how to generate relevant document material for our analysis, and the pitfalls and pathways in using documents as our empirical data.
Reading list	Literature (in suggested order of reading): Coffey, A. (2013) Analysing Documents. Pp. 367-379 in Flick, U. (edit) The SAGE Handbook of Qualitative Data Analysis (London: SAGE Publications Ltd). (13 p.) Adcock, R. and D. Collier (2001) Measurement validity: A shared standard for qualitative and quantitative research, American Political Science Review, 95(3): 529-546. (18 p.) Lynggaard, K. (2019, forthcoming) Discourse analysis, data and research techniques. Pp. 49-69 in Lynggaard (2019, forthcoming) Discourse analysis and European Union Politics (London: Palgrave macmillan). (23 p. including figures) Lynggaard, K. (2007) The Institutional Construction of a Policy Field: A Discursive Institutional Perspective on Change within the Common Agricultural Policy, Journal of European Public Policy, Vol. 14, No. 2, pp. 295-314. (19 p.) Scott, J. (1990) Social Research and Documentary Sources. Pp. 1-18 in Scott, J. (edit) A Matter of Record (Cambridge: Polity Press). (18 p.) Total: 91

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Lecture 2 (FORV, GS, IDS, IPAP, PA)

time	20-02-2019 08:15 til 20-02-2019 12:00
forberedelsesnorm	3.5 timer
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)
Teacher	Kennet Lynggaard (kennetl@ruc.dk)
Content	**Document analysis in qualitative and quantitative research designs** This session offers an overview over, how document analysis may form part of both qualitative and quantitative research designs. Focus is on document analysis as a process tool, the benefit of which is illustrated by examples from current research and in exercises with direct relevance for participants project work.
Reading list	Literature (in suggested order of reading): Lynggaard, K. (2017) Exploring the emotional appeal of green and social Europe myths among pan-European Union organisations, Journal of European Public Policy, Vol. 24, No. 10, pp. 1409-1429. (21 p.) Lynggaard, K. (2013) Elite Decision Makers' Strategic Use of European Integration and Globalisation Discourses: Irish and Danish Banking Sector Reforms in the 1990s and 2000s, New Political Economy, Vol. 18, No. 6, pp. 862-884. (23 p.) Rose, G. (2001) Researching visual materials: towards a critical visual methodology. Pp. 5-32 in Rose, G. (2001) Visual Methodologies: An Introduction to the Interpretation of Visual Materials (US: Sage Publications). (28 p.) Lynggaard, K. (2019, forthcoming) Visual Discourse, imagery and EU Politics. Pp. 152-170 in Lynggaard (2019, forthcoming) Discourse analysis and European Union Politics (London: Palgrave macmillan). (27 p. including figures) Total: 99 pages

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Lecture 3 (FORV, GS, IDS, IPAP, PA)

time	27-02-2019 08:15 til 27-02-2019 12:00
forberedelsesnorm	3.5 timer
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)
Teacher	Jesper Dahl Kelstrup (kelstrup@ruc.dk)
Content	**Analytical strategies and NVivo** This lecture introduces students to the software NVivo. We explore how NVivo can be used to do different types of document analysis and students use the software to code collected sources. We discuss what types of document analysis provide analytical value to different projects and how NVivo can be used to support different analytical approaches.
Reading list	Literature

Bazeley, Pat and Jackson, Kristi (2013): Qualitative data analysis with Nvivo. 2. ed. Los Angeles, CA : SAGE.

Chapter 1: Perspectives: Qualitative Computing with NVivo. 1-23 (24 pages).

Chapter 2: Starting out, with a view ahead. 24-46 (18 pages).

Chapter 3: Designing an Nvivo database. 47-67 (21 pages).

Chapter 4: Coding Basics. 68-94 (27 pages).

Chapter 5: Going on with coding 95-121 (27 pages).

Chapter 6: Cases, classifications and comparisons 122-153 (32 pages).

Total: 149 pages.

Supplementary reading: Kuckartz, U. (2014): Qualitative Text Analysis: A Guide to Methods, Practice & Using Software, Los Angeles, CA.: SAGE.

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Lecture 4 (FORV, GS, IDS, IPAP, PA)

time	06-03-2019 08:15 til 06-03-2019 12:00
forberedelsesnorm	3.5 timer
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)
Teacher	Jesper Dahl Kelstrup (kelstrup@ruc.dk)
Content	**Analytical outputs with NVivo** The fourth lecture uses options for making queries and for presenting reports and results using NVivo. We discuss Issues associated with internal validity and show how NVivo can be used to test inter-coder reliability. We also discuss issues of external validity and how to make and present analytical outputs from NVivo in useful ways.
Reading list	Literature Bazeley, P. & Jackson, K. (2013): Qualitative data analysis with Nvivo, 2nd edition, Los Angeles, CA.: SAGE: Chapter 7: Working with multimedia sources 154-177 (24 pages). Chapter 8: Adding reference material to your NVivo project 178-194 (17 pages). Chapter 9: Datasets and mixed methods 195-216 (21 pages). Chapter 10: Tools and strategies for visualizing data 217-241 (25 pages). Chapter 11: Using coding and queries in further analysis 242-269 (28 pages). Chapter 12: Teamwork with NVivo 270-296 (27 pages). Total: 142 pages.

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Lecture 5 (FORV, GS, IDS, IPAP, PA)

time	13-03-2019 08:15 til 13-03-2019 12:00
forberedelsesnorm	3.5 timer
forberedelsesnorm D-VIP	ikke valgt
location	25.3-005 - teori (80)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	**Quantitative Content Analysis** This final session provides and overview and a taster of other computer-based approaches to content analysis. Our focus will be quantitative content analysis, converting text to data for subsequent statistical analysis. Quantitative content analysis is especially well-suited when working systematically with large quantities of text. The session introduces and provides examples of different approaches to quantitative content analysis, including ideological scaling, lexical methods, and supervised or unsupervised machine learning approaches.
Reading list	**Literature** Grimmer, J., & Stewart, B. M. (2013). Text as data: The promise and pitfalls of automatic content analysis methods for political texts. Political analysis, 21(3), 267-297 (31 pages) Lowe, W., Benoit, K., Mikhaylov, S., & Laver, M. (2011). Scaling policy preferences from coded political texts. Legislative studies quarterly, 36(1), 123-155 (33 pages) Van Der Veer, R. A., & Haverland, M. (2018). Bread and butter or bread and circuses? Politicisation and the European Commission in the European Semester. European Union Politics. Forthcoming (22 pages) Wilkerson, J., & Casas, A. (2017). Large-scale computerized text analysis in political science: Opportunities and challenges. Annual Review of Political Science, 20, 529-544. (16 sider) Total: 102 pages.

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Exam (FORV, GS, IDS, IPAP, PA)

time	20-03-2019 10:00 til 20-03-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

Advanced methodology course: A battle of words – qualitative and quantitative strategies for computer-based document analysis - Reexam (FORV, GS, IDS, IPAP, PA)

time	05-08-2019 10:00 til 19-08-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

master course

workload : 5 ECTS   activitycode : U41213

exam form : Skriftlig (ut)   grading : 7-point grading scale   censorship : ingen censur