

Advanced methodology course: Surveys and Experimental Methods

About the course

subject	Forvaltning / Global Studies / Internationale udviklingsstudier / Politik og Administration / International Public Administration and Politics
activitytype	master course
Teaching language	English
Registration	<p>Tilmelding sker via STADS-Selvbetjening indenfor annonceret tilmeldingsperiode, som du kan se på Studieadministrationens hjemmeside.</p> <p>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.</p> <p>Registration through STADS-Selvbetjening within the announced registration period, as you can see on the Studyadministration homepage.</p> <p>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.</p> <p>Ved for få tilmeldte aflyses kurset.</p> <p>In case of too few registrations, the course will be cancelled.</p>
Detailed description of content	<p>We used to believe that experiments did not work in the social sciences. Today, that view has radically changed. Randomized controlled trials and survey experiments fill the pages of scholarly journals, covering everything from government corruption and development interventions over voting behavior and attitudes to immigrants to public recruitment and motivation.</p> <p>Outside the academy as well, experiments are gaining ground. Governments, including Danish central and local government, evaluate policies experimentally with increasing frequency; think tanks, experts, and even algorithms used to budget public expenditure, increasingly weigh experimental evidence highly; and consultancies increasingly place experimentation as the gold standard for evidence used in serving their clients.</p> <p>The course introduces students to the art and science of social experimentation, focusing extensively on survey experiments. It places emphasis heavily on design and implementation, for a simple reason: With properly designed and executed experiments, the statistical tools needed for analysis are exceedingly simple. You already know them.</p> <p>The course consists of ten modules, each oscillating between lectures focused on exemplary published experiments and student work on designing their own experiment, which will form the basis of the exam.</p> <p>The aim is that students will gain: Knowledge: 1. Knowledge of the purpose and logic of experimental research design. 2. Knowledge of types of experimental designs in social science. 3. Knowledge of the tools needed to analyze experimental data. Skills: 1. Skills in understanding and evaluating experimental results. 2. Skills in designing experiments to answer given or self-determined research questions. 3. Skills in critically assessing and discussing limitations of experimental designs. Competences: 1. Competence to evaluate and assess the benefits and feasibility of experimentation in study and work-life settings. 2. Competence to collaborate with others in the design and implementation of experiments. 3. Competence to reflect on skills acquisition and take responsibility for professional development.</p>
Expected work effort (ECTS-declaration)	Sessions: 20 hours Preparation: 70 hours including readings, exercises, and design of own experiments. Exam: 45 hours. In total: 135 hours.
Course material and Reading list	Session 1: The Quest for Causality 1. Gerber, A. S., & Green, D. P. (2012). Field experiments: Design, analysis, and interpretation. New York: W/W Norton, chapters 1-2 2. Morton, R. and K. C. Williams.

2010. Experimental Political Science and the Study of Causality. Cambridge: Cambridge University Press, chapter 2

Session 2: Survey Experiments I: Framing and Priming 1. Pedersen, M. J., Stritch, J. M., & Taggart, G. 2017. "Citizen perceptions of procedural fairness and the moderating roles of 'belief in a just world' and 'public service motivation' in public hiring". *Public Administration*, 95(4), 874-894 2. Chong, D., & Druckman, J. N. 2007. "Framing theory." *Annual Review of Political Science*, 10, 103-126 3. Berinsky, A. J. 2017. Rumors and health care reform: Experiments in political misinformation. *British Journal of Political Science*, 47(2), 241-262.

Session 3: Survey Experiments II: Factorized Experiments 1. Wallander, L. 2009. 25 years of factorial surveys in sociology: A review. *Social Science Research*, 38(3), 505-520. 2. Hainmueller, J., Hopkins, D. J., & Yamamoto, T. (2014). Causal inference in conjoint analysis: Understanding multidimensional choices via stated preference experiments. *Political Analysis*, 22(1), 1-30 3. Hainmueller, J., & Hopkins, D. J. (2015). The hidden American immigration consensus: A conjoint analysis of attitudes toward immigrants. *American Journal of Political Science*, 59(3), 529-548

Session 4: Survey Experiments III: Measurement Issues 1. Adcock, R., & Collier, D. 2001. "Measurement validity: A shared standard for qualitative and quantitative research." *American political science review*, 95(3), 529-546 (read only if you have not read the text before) 2. Tourangeau, R., L. J. Rips, og K. Rasniski. 2000. *The Psychology of Survey Response*. Cambridge: Cambridge University Press, pp. 1-22; 255-288

Session 5: Lab Experiments 1. Esteve, M., Urbig, D., Van Witteloostuijn, A., & Boyne, G. (2016). Prosocial behavior and public service motivation. *Public Administration Review*, 76(1), 177-187 2. Bol, D. (2019). Putting politics in the lab: A review of lab experiments in political science. *Government and Opposition*, 54(1), 167-190 3. Boly, A., & Gillanders, R. (2018). Anti-corruption policy making, discretionary power and institutional quality: An experimental analysis. *Journal of Economic Behavior & Organization*, 152, 314-327.

Session 6: Analysis I: Heterogeneous Effects 1. Gerber, A. S., & Green, D. P. (2012). *Field experiments: Design, analysis, and interpretation*. New York: WW Norton, chapter 9 2. Meyer-Sahling, J. H., Mikkelsen, K. S., & Schuster, C. (2018). The Causal Effect of Public Service Motivation on Ethical Behavior in the Public Sector: Evidence from a Large-Scale Survey Experiment. *Journal of Public Administration Research and Theory*.

Session 7: Analysis II: Endogeneity 1. Dafoe, A., Zhang, B., & Caughey, D. (2018). Information equivalence in survey experiments. *Political Analysis*, 26(4), 399-416. 2. Reread: Meyer-Sahling, J. H., Mikkelsen, K. S., & Schuster, C. (2018). The Causal Effect of Public Service Motivation on Ethical Behavior in the Public Sector: Evidence from a Large-Scale Survey Experiment. *Journal of Public Administration Research and Theory*.

Session 8: Mediation: Can we Test Mechanisms? 1. Gerber, A. S., & Green, D. P. (2012). *Field experiments: Design, analysis, and interpretation*. New York: WW Norton, chapter 10 2. Green, D. P., Ha, S. E., & Bullock, J. G. (2010). Enough already about "black box" experiments: Studying mediation is more difficult than most scholars suppose. *The Annals of the American Academy of Political and Social Science*, 628(1), 200-208. 3. Acharya, A., Blackwell, M., & Sen, M. (2018). Analyzing causal mechanisms in survey experiments. *Political Analysis*, 26(4), 357-378.

Session 9: Natural Experiments 1. Dunning, T. 2012. *Natural Experiments in the Social Sciences*. Cambridge: Cambridge University Press, chapters 2-3 2. Hyde, S. D. (2007). The observer effect in international politics: Evidence from a natural experiment. *World politics*, 60(1), 37-63

Session 10: Outro 1. Reread: Pedersen, M. J., Stritch, J. M., & Taggart, G. 2017. "Citizen perceptions of procedural fairness and the moderating roles of 'belief in a just world' and 'public service motivation' in public hiring". *Public Administration*, 95(4), 874-894 2. Barabas, J., & Jerit, J. (2010). Are survey experiments externally valid? *American Political Science Review*, 104(2), 226-242.

Evaluation-
and feedback
forms

Evaluation of students occurs in the exam, via exercises, peer feedback, and discussions with lecturer. Evaluation surveys will be distributed at least once during the course.

Administration
of exams

ISE Studyadministration (ise-studyadministration@ruc.dk)

Responsible
for the activity

Carina Saxlund Bischoff (carinasb@ruc.dk)
Kim Sass Mikkelsen (ksass@ruc.dk)

Type of
examination

Oral group examination based on an assignment (the written product) and a poster (size: two A2 pages or equivalent), both prepared by the group.

The groups may consist of 2 to 6 students.

The students start the examination with a short presentation, after which the examination is conducted as a dialogue.

During the examination, questions can be asked regarding the entire syllabus.

The size specifications for the written product are as follows:

For 2 students, a maximum of 21,600 characters, including spaces

For 3 students, a maximum of 21,600 characters, including spaces

For 4 students, a maximum of 21,600 characters, including spaces

For 5 students, a maximum of 21,600 characters, including spaces

For 6 students, a maximum of 21,600 characters, including spaces

The size specifications include the cover, table of contents, bibliography, figures and other illustrations, but exclude any appendices. Time allowed for examination including time used for assessment:

For 2 examinees, 20 minutes

For 3 examinees, 30 minutes

For 4 examinees, 40 minutes

For 5 examinees, 50 minutes

For 6 examinees, 60 minutes

There is an individual assessment of each student's performance. The assessment is an overall assessment of the product(s) and the oral examination.

Permitted support and preparation materials during the examination: All.

Assessment: 7-point grading scale.

Moderation: Internal co-assessor

ECTS

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Learning outcomes and assessment criteria

- Knowledge and understanding:
 - Knowledge and understanding of academic and/or scientifically based practice-oriented methods and their application and relevance on an advanced level
- Being able to understand and critically reflect upon academic and/or scientifically based practice-oriented methods in the field of social science research and how they are used in the students' future careers as, for example, lecturers, project managers, consultants, managers or researchers
- Skills:
 - Carrying out studies and analyses with the aid of academic and/or scientifically based practice-oriented methods
- Evaluating and selecting methods from research-related and professional practices
- Being able to communicate and discuss academic and/or scientifically based practice-oriented studies in a type of language that is correct, clear, professionally accurate, well-structured and well-argued
- Competences:
 - Co-operation with colleagues in the application of various academic and/or scientifically based practice-oriented methods and forms of analysis in relation to relevant issues in research and professional contexts
- Reflection on one's own learning and taking responsibility for one's own professional development

Overall content

- Research and professional premises for academic and scientifically based practice-oriented analyses
- Approaches that can be taken towards the use of academic and/or scientifically based practice-oriented tools in research and professional contexts, respectively

Teaching and working methods

Lectures, exercises, student presentations, peer feedback and discussions.

Type of course

Optional course

Exam code(s) Exam code(s) : U41298

Course days:

Hold: 1

Surveys and Experimental Methods

time	10-09-2019 08:15 til 10-09-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 1: The Quest for Causality
Reading list	<p>Gerber, A. S., & Green, D. P. (2012). Field experiments: Design, analysis, and interpretation. New York: WW Norton, chapters 1-2</p> <p>Morton, R. and K. C. Williams. 2010. Experimental Political Science and the Study of Causality. Cambridge: Cambridge University Press, chapter 2</p>

Surveys and Experimental Methods

time	17-09-2019 08:15 til 17-09-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 2: Survey Experiments I: Framing and Priming
Reading list	<p>Pedersen, M. J., Stritch, J. M., & Taggart, G. 2017. "Citizen perceptions of procedural fairness and the moderating roles of 'belief in a just world' and 'public service motivation' in public hiring". Public Administration, 95(4), 874-894</p> <p>Chong, D., & Druckman, J. N. 2007. "Framing theory." Annual Review of Political Science, 10, 103-126</p> <p>Berinsky, A. J. 2017. Rumors and health care reform: Experiments in political misinformation. British Journal of Political Science, 47(2), 241-262.</p>

Surveys and Experimental Methods

time	24-09-2019 08:15 til 24-09-2019 10:00
forberedelsesnorm	ikke valgt

forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 3: Survey Experiments II: Factorized Experiments
Reading list	<p>Wallander, L. 2009. 25 years of factorial surveys in sociology: A review. <i>Social Science Research</i>, 38(3), 505-520.</p> <p>Hainmueller, J., Hopkins, D. J., & Yamamoto, T. (2014). Causal inference in conjoint analysis: Understanding multidimensional choices via stated preference experiments. <i>Political Analysis</i>, 22(1), 1-30</p> <p>Hainmueller, J., & Hopkins, D. J. (2015). The hidden American immigration consensus: A conjoint analysis of attitudes toward immigrants. <i>American Journal of Political Science</i>, 59(3), 529-548</p>

Surveys and Experimental Methods

time	01-10-2019 08:15 til 01-10-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 4: Survey Experiments III: Measurement Issues
Reading list	<p>Adcock, R., & Collier, D. 2001. "Measurement validity: A shared standard for qualitative and quantitative research." <i>American political science review</i>, 95(3), 529-546 (read only if you have not read the text before)</p> <p>Tourangeau, R., L. J. Rips, og K. Rasniski. 2000. <i>The Psychology of Survey Response</i>. Cambridge: Cambridge University Press, pp. 1-22; 255-288</p>

Surveys and Experimental Methods

time	08-10-2019 08:15 til 08-10-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 5: Lab Experiments
Reading list	<p>Esteve, M., Urbig, D., Van Witteloostuijn, A., & Boyne, G. (2016). Prosocial behavior and public service motivation. <i>Public Administration Review</i>, 76(1), 177-187</p> <p>Bol, D. (2019). Putting politics in the lab: A review of lab experiments in political science. <i>Government and Opposition</i>, 54(1), 167-190</p> <p>Boly, A., & Gillanders, R. (2018). Anti-corruption policy making, discretionary power and institutional quality: An experimental analysis. <i>Journal of Economic Behavior & Organization</i>, 152, 314-327.</p>

Surveys and Experimental Methods

time	29-10-2019 08:15 til 29-10-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 6: Analysis I: Heterogeneous Effects
Reading list	<p>Gerber, A. S., & Green, D. P. (2012). Field experiments: Design, analysis, and interpretation. New York: WW Norton, chapter 9</p> <p>Meyer-Sahling, J. H., Mikkelsen, K. S., & Schuster, C. (2018). The Causal Effect of Public Service Motivation on Ethical Behavior in the Public Sector: Evidence from a Large-Scale Survey Experiment. Journal of Public Administration Research and Theory.</p>

Surveys and Experimental Methods

time	05-11-2019 08:15 til 05-11-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 7: Analysis II: Endogeneity
Reading list	<p>Dafoe, A., Zhang, B., & Caughey, D. (2018). Information equivalence in survey experiments. Political Analysis, 26(4), 399-416.</p> <p>Reread: Meyer-Sahling, J. H., Mikkelsen, K. S., & Schuster, C. (2018). The Causal Effect of Public Service Motivation on Ethical Behavior in the Public Sector: Evidence from a Large-Scale Survey Experiment. Journal of Public Administration Research and Theory.</p>

Surveys and Experimental Methods

time	12-11-2019 08:15 til 12-11-2019 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	23.1-009 - teori (65)
Teacher	Kim Sass Mikkelsen (ksass@ruc.dk)
Content	Session 8: Mediation: Can we Test Mechanisms?
Reading list	<p>Gerber, A. S., & Green, D. P. (2012). Field experiments: Design, analysis, and interpretation. New York: WW Norton, chapter 10</p>

Green, D. P., Ha, S. E., & Bullock, J. G. (2010). Enough already about “black box” experiments: Studying mediation is more difficult than most scholars suppose. *The Annals of the American Academy of Political and Social Science*, 628(1), 200-208.

Acharya, A., Blackwell, M., & Sen, M. (2018). Analyzing causal mechanisms in survey experiments. *Political Analysis*, 26(4), 357-378.

Surveys and Experimental Methods

time 19-11-2019 08:15 til
19-11-2019 10:00

forberedelsesnorm ikke valgt

forberedelsesnorm ikke valgt
D-VIP

location 23.1-009 - teori (65)

Teacher Kim Sass Mikkelsen (ksass@ruc.dk)

Content **Session 9: Natural Experiments**

Reading list
Dunning, T. 2012. *Natural Experiments in the Social Sciences*. Cambridge: Cambridge University Press, chapters 2-3
Hyde, S. D. (2007). The observer effect in international politics: Evidence from a natural experiment. *World politics*, 60(1), 37-63

Surveys and Experimental Methods

time 26-11-2019 08:15 til
26-11-2019 10:00

forberedelsesnorm ikke valgt

forberedelsesnorm ikke valgt
D-VIP

location 23.1-009 - teori (65)

Teacher Kim Sass Mikkelsen (ksass@ruc.dk)

Content **Session 10: Outro**

Reading list
Reread: Pedersen, M. J., Stritch, J. M., & Taggart, G. 2017. “Citizen perceptions of procedural fairness and the moderating roles of ‘belief in a just world’ and ‘public service motivation’ in public hiring”. *Public Administration*, 95(4), 874-894
Barabas, J., & Jerit, J. (2010). Are survey experiments externally valid? *American Political Science Review*, 104(2), 226-242.

Surveys and Experimental Methods - Submission deadline assignment and poster

time 29-11-2019 10:00 til
29-11-2019 10:00

forberedelsesnorm ikke valgt

forberedelsesnorm D-VIP ikke valgt

Surveys and Experimental Methods - Exam (Oral)

time	15-01-2020 08:00 til 17-01-2020 17:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	04.2-025 - teorirum (40)

Surveys and Experimental Methods - Re-Submission deadline assignment and poster

time	10-02-2020 10:00 til 10-02-2020 10:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt

Surveys and Experimental Methods - Reexam (Oral)

time	17-02-2020 08:15 til 17-02-2020 17:00
forberedelsesnorm	ikke valgt
forberedelsesnorm D-VIP	ikke valgt
location	04.1-023 - grupperum (12)