

**Skabelon for semesterbeskrivelse for uddannelser ved Aalborg Universitet****Semesterbeskrivelse 9.semester Information Studies KA-IS (København)****Oplysninger om semesteret**

Skole: MPACT

Studienævn: Kommunikation og Digitale Medier

Studieordning: Kandidatuddannelsen i Information Technology (Information Studies) 2018

Semesterets faglige profil

The 9th semester of the programme offers a choice; the students either chose a project module of 25 ECTS credits in "Information Studies in Practice" or the Social Analytics modules: "Digital Collaboration", "Data Preparation and Understanding", "Data Analytics and Visualization", "Social Analytics in Context". A 5 ECTS credits study subject module in "Research Methodology" is mandatory.

Semesterets organisering og forløb

Kor. The semester is organised in two parallel streams: 1. Information Studies in Practice and 2. Social Analytics. Ad 1. Students work as university interns in companies, NGOs and public institutions. The students participate in the Research Methodology course (mandatory). The Research Methodology is organized as a networked learning course with 2 physical seminars. Ad 2. These course and projects activities are organized as traditional on-campus activities supported by Moodle. The students collaborate with a museum to relate the course and project activities to practice. Shark tank sessions (compulsory) will be organized in the end of the semester. Social activities and invitations to academic events will be organized throughout the semester.

Semesterkoordinator og sekretariatsdækning

Semesterkoordinator: Lone Dirckinck-Holmfeld & Florian Meier

Studiesekretær: Bjarke Madsbøll

Modulbeskrivelse**Modultitel, ECTS-angivelse**

"Information Studies in Practice"

25 ECTS-point.

Placering

9. Semester

Modulansvarlig

Lone Dirckinck-Holmfeld

Type og sprog

Projektmodul

Engelsk

Mål**Knowledge of:**

- theory and methods of Information Studies in practice with particular emphasis on the interface of theory and

methods on the one hand and the cultural, organisational and/or technological complexity of the application area on the other hand

- the actual work situation towards which the programme is directed
- communication and collaboration practices within the field of informatics
- competence requirements of the discipline in work contexts.

Skills in:

- working in practice on the basis of informatics, including applying strategies and methods for user analysis, pilot studies, system development and system design
- assessing issues and solutions within the field of informatics in practice, on the basis of theories and methods for user analysis, pilot studies, system development or system design
- communicating knowledge within informatics to peers and laypeople
- managing themselves in work contexts with a view to identifying issues pertaining to skills and competences.

Competences in:

- taking an analytical, reflective and critical approach to the preconditions for user analysis, pilot studies, system development or system design in practice
- taking an analytical, reflective and critical approach to user analysis, pilot studies, system development or system design in practice
- engaging in disciplinary and interdisciplinary collaboration on user analysis, pilot studies, system development or system design in practice, with a professional approach
- identifying own learning needs and structuring own learning in relation to the subject area of user analysis, pilot studies, system development or system design in practice.

Fagindhold

The theme of the module is the practical reality of information studies. The main component of the module is a three-to-four-month practice oriented work placement, where students collaborate on solving an issue on the basis of Information Studies in a relevant company, organisation or institution. The idea is for students to develop a knowledge and understanding of the concrete work reality that this programme is directed towards. The work practice will be elucidated in a written report on the basis of the theory and methods of the entire study programme.

As part of the practice oriented work placement, students are expected to carry out an interview with their company, organisation or institution. The interview must elucidate the company, organisation or institution's need for the student's knowledge, skills and competences. The interview will be included in the report as an appendix and also as part of the report in the shape of a brief, edited summary.

In exceptional circumstances, the Study Board may approve that the practice oriented project is not undertaken at a company or organisation, but at the University in the shape of a constructed case directed towards implementing knowledge within Information Studies in practice.

The module also comprises:

- a halfway evaluation and an evaluation when the practice oriented work placement has been completed
- a virtual learning course during the practice oriented semester comprising presentation techniques, negotiation techniques, business communication etc.

Academic supervision will be offered and the teaching will be organised as a practice oriented work placement.

Omfang og forventet arbejdsindsats

Modulet udgør 25 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 25 ECTS point svarer således til 687,5 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener

Modulaktiviteter (kursusgange med videre)

NEDENSTÅENDE UDFORMES I MOODLE

En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester (fx organisatoriske, strukturelle, studiemæssige m.m.)

En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed)

En oversigt over modulets undervisere

Link til gældende skema

For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:

- *Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)*
- *Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modulets læringsmål*
- *Underviser(e)*
- *Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)*
- *Slides og øvrige ressourcer*

Eksamen

Examination 9

An internal oral examination in: "Information Studies in Practice"

The examination is a conversation between the student(s) and the examiner based on a project report produced individually or in a group. The project report/written work will be considered the shared responsibility of the group. Students will be examined and assessed on the basis of the entire project report, and one combined grade will be awarded each student for the project report and the oral performance.

Literature foundation: Minimum 500 standard pages supervisor approved, self-selected literature related to the project.

The project report: total number of pages must be no less than 15 pages and no more than 20 pages per student in a project group, and 30 pages if written individually.

Duration of examination: 20 minutes per student and 10 minutes per group for assessment and announcement of result, although no longer than a total of two hours. 30 minutes in total for individual examinations.

Evaluation: Grading according to the 7-point scale.

At oral group examinations, the examination must be conducted in such a way that individual assessment of each individual student's performance is ensured.

Credits: 25 ECTS

The project report and the conversation must demonstrate that the student fulfils the objectives for the module stated above.

In the evaluation of the examination performance, the grade 12 will only be awarded for an excellent performance displaying a high level of command of all aspects of the relevant material, with no or only a few minor weaknesses.

Any re-examinations will be held on the basis of a revised project report.

Modulbeskrivelse

Modultitel, ECTS-angivelse

"Research Methodology"

5 ECTS

Placering

9. Semester

<p>Modulansvarlig Lone Dirckinck-Holmfeld</p>
<p>Type og sprog Studiefagsmodul Engelsk</p>
<p>Mål</p> <p>Knowledge of:</p> <ul style="list-style-type: none"> • disciplinary paradigms and scientific methods • the correlation between theory of science, scientific methods and choice of theory in scientific research studies <p>Skills in:</p> <ul style="list-style-type: none"> • structuring subject specific research studies and research projects, including choice of research object, method and theory • assessing the consequences of various methodological and theoretical approaches to subject specific studies and research projects <p>Competences in:</p> <ul style="list-style-type: none"> • structuring subject specific studies and research projects in specific contexts in practice • working independently and engaging in professional collaboration as regards the structuring of subject specific studies and research projects, with a professional approach.
<p>Fagindhold</p> <p>In the module students will learn to plan large and complex research studies independently and on the basis of information studies. Emphasis will be on the student's independent identification and description of the research object, and on the student's reflections on various methodological approaches for the implementation of the research study, including quantitative and qualitative approaches.</p> <p>The module comprises virtual courses, seminars and supervision within the following area:</p> <ul style="list-style-type: none"> • research design
<p>Omfang og forventet arbejdsindsats</p> <p>Modulet udgør 5 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 5 ECTS point svarer således til 137,5 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener</p>
<p>Modulaktiviteter (kursusgange med videre)</p> <p>NEDENSTÅENDE UDFORMES I MOODLE</p> <p>En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester (fx organisatoriske, strukturelle, studiemæssige m.m.)</p> <p>En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed)</p> <p>En oversigt over modules undervisere</p> <p>Link til gældende skema</p> <p><i>For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:</i></p> <ul style="list-style-type: none"> • <i>Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)</i> • <i>Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modules læringsmål</i> • <i>Underviser(e)</i> • <i>Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)</i> • <i>Slides og øvrige ressourcer</i>

<p>Eksamen Examination 8 An internal written examination in English in “Research Methodology”</p> <p>The examination is a take-home assignment in which the student/s will explain the design of a large subject specific study within the disciplinary area of the programme, on the basis of the module, however the actual study will not be carried out. The student/s will choose the topic, and the submission deadline will be set by the Study Board.</p> <p>The written assignment may be prepared in groups of up to three students. The written assignment paper must not exceed eight pages if written individually, ten pages if written in groups of two, and twelve pages if written in groups of three students.</p> <p>Evaluation: pass/fail</p> <p>In the evaluation of the examination performance, the assessment of 'pass' will be awarded to students who demonstrate that they have fulfilled the above objectives to a satisfactory extent.</p> <p>The assignment paper will be evaluated by the examiner; in case of a fail grade, the assignment paper will also be evaluated by another internal examiner.</p> <p>The study elements on which the examination is based is equivalent to 5 ECTS.</p>

<p>Modulbeskrivelse</p> <p>Modultitel, ECTS-angivelse “Digital Collaboration” 5 ECTS</p>
<p>Placering 9. Semester</p>
<p>Modulansvarlig Carina Ren & Mette Simonsen Abildgaard</p>
<p>Type og sprog Studiefagsmodul Engelsk</p>
<p>Mål</p> <p>Knowledge of:</p> <ul style="list-style-type: none"> ● The current landscape of digital collaboration in and between various public and private organizations. ● Theoretical approaches to digital, data-driven knowledge collaboration ● The values and opportunities of data-driven collaboration projects as well as their challenges for various stakeholders <p>Skills in:</p> <ul style="list-style-type: none"> ● Identifying areas where data-driven collaboration projects can add to existing value propositions ● Crafting digital collaborative set-ups ● Critically discuss and reflect on digital collaborations and their outcomes for various types of stakeholders <p>Competencies in:</p> <ul style="list-style-type: none"> ● Designing and discussing collaborative strategies in the context of relevant data project topics ● Professionally engaging in, assessing and reflecting on data-driven knowledge collaborations ● Independently continuing one’s individual competency development within digital collaborations
<p>Fagindhold</p>

<p>The course offers an overview of digital sociality and governance, presenting issue such as Smart Cities and Big Data in a larger societal context. During the course, students are provided with an understanding of how digital collaboration may be instigated and to what purpose. Drawing on collaboration with external partners, students will learn about the opportunities and challenges with data-driven, collaborative projects in various social and organizational contexts.</p>
<p>Omfang og forventet arbejdsindsats Modulet udgør 5 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 5 ECTS point svarer således til 137,5 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener</p>
<p>Modulaktiviteter (kursusgange med videre)</p> <p>NEDENSTÅENDE UDFORMES I MOODLE</p> <p>En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester (fx organisatoriske, strukturelle, studiemæssige m.m.) En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed) En oversigt over modulets undervisere Link til gældende skema</p> <p><i>For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:</i></p> <ul style="list-style-type: none"> • <i>Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)</i> • <i>Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modulets læringsmål</i> • <i>Underviser(e)</i> • <i>Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)</i> • <i>Slides og øvrige ressourcer</i>
<p>Eksamen Examination 10 An internal written examination in English in “Digital Collaboration”. The examination is a portfolio submitted in steps during the term, comprising contributions from the students set by the examiner on the basis of the course module. The examination portfolio will be prepared individually by the student and must not exceed 10 pages. The examination portfolio will be evaluated by an internal examiner. A second internal examiner will be included in case of an assignment is given a failed assessment.</p> <p>Evaluation: Grading according to the 7-point scale. The study elements on which the examination is based is equivalent to 5 ECTS.</p> <p>The examination must demonstrate that the student can fulfil the objectives outlined above regarding knowledge and understanding, skills and competencies.</p>

<p>Modulbeskrivelse</p>
<p>Modultitel, ECTS-angivelse ”Data Preparation and Understanding” 5 ECTS</p>
<p>Placering 9. Semester</p>
<p>Modulansvarlig Anders Koed & Anders Munk</p>
<p>Type og sprog Studiefagsmodul Engelsk</p>

Mål

Knowledge of:

- Data formats
- Methods for collecting and processing data
- Legal and ethical principles related to (online) data harvesting and usage.

Skills in:

- Asking data-driven questions about research problems
- Identifying, comparing, and selecting relevant techniques for collecting data about user behavior, interaction, and/or opinions
- Constructing relevant data sets
- Explaining the data set's construction, limitations and potential use cases.

Competences in:

- Relating theories and methods to real-world cases
- Evaluating the practical and ethical dimensions of a data-driven project in relation to specific research designs
- Taking an analytical, reflective and critical approach to the identification, harvesting, preparation, and understanding of relevant research data.

Fagindhold

The course provides students with an understanding of relevant data formats and methods for harvesting large-scale data about user behaviour, interaction, and/or opinions. More specifically, the course is focused on digital, online traces of user behaviour and how to identify, collect, prepare, and make sense of such data. Students are prompted to reflect on the scope and feasibility of different research designs, including their data requirements and the implications for data processing and ethics.

Omfang og forventet arbejdsindsats

Modulet udgør 5 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 5 ECTS point svarer således til 137,5 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener

Modulaktiviteter (kursusgange med videre)

NEDENSTÅENDE UDFORMES I MOODLE

En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester (fx organisatoriske, strukturelle, studiemæssige m.m.)

En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed)

En oversigt over modulets undervisere

Link til gældende skema

For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:

- Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)
- Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modulets læringsmål
- Underviser(e)
- Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)
- Slides og øvrige ressourcer

Eksamen

Examination 11:

An internal written individual examination in "Data Preparation and Understanding".

The course is evaluated in an online test and graded as pass/fail.

Duration of examination: 4 hours. The exam is evaluated by an internal examiner. A second internal examiner

will be included in case of an assignment is given a failed assessment.

Evaluation: pass/fail The study elements on which the examination is based is equivalent to 5 ECTS.

The examination must demonstrate that the student can fulfil the objectives outlined above regarding knowledge and understanding, skills and competencies.

Modulbeskrivelse

Modultitel, ECTS-angivelse

“Data Analytics and Visualization”
5 ECTS

Placering

9. Semester

Modulansvarlig

Carina Ren and Florian Meier

Type og sprog

Studiefagsmodul
Engelsk

Mål

Knowledge of:

- Descriptive analytics, such as social network analysis and dimensionality reduction
- Predictive analytics, such as regression and machine learning
- Techniques for data visualization.

Skills in:

- Conducting data-driven analysis
- Conducting participatory data design with users
- Identifying, comparing, and selecting relevant techniques for describing and analyzing data about user behavior, interaction, and/or opinions
- Selecting the optimal data visualization techniques for describing and analyzing digital trace data.

Competences in:

- Applying analytical tools to real-world cases
- Taking an analytical, reflective and critical approach to the analysis, visualization, and interpretation of collected research data.

Fagindhold

The course provides an understanding of different analytical strategies and their implications for data modelling, including descriptive and predictive approaches. It also provides hands-on experience with different data visualization techniques and their analytical contributions.

Omfang og forventet arbejdsindsats

Modulet udgør 5 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 5 ECTS point svarer således til 137,5 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener

Modulaktiviteter (kursusgange med videre)

NEDENSTÅENDE UDFORMES I MOODLE

[En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester \(fx organisatoriske, strukturelle, studiemæssige m.m.\)](#)

En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed)
En oversigt over modules undervisere
Link til gældende skema

For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:

- Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)
- Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modules læringsmål
- Underviser(e)
- Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)
- Slides og øvrige ressourcer

Eksamen

Examination 12:

Internal individual oral exam in "Data Analytics & Visualization".

Students must submit a blog post with relevant data visualization and narration. Textual narration should be adapted to the format of a blog post and may not exceed 1000 words regardless of group size.

Students may submit the blog post individually or in groups of max. 3 students.

Duration of examination: 15 minutes per student and 5 minutes for assessment and announcement of result. 20 minutes in total for individual examinations.

Evaluation: Grading according to the 7-point scale.

The study elements on which the examination is based is equivalent to 5 ECTS.

The examination must demonstrate that the student can fulfil the objectives outlined above regarding knowledge and understanding, skills and competencies.

Modulbeskrivelse

Modultitel, ECTS-angivelse

"Social Analytics in Context"

10 ECTS

Placering

9. Semester

Modulansvarlig

Carina Ren and Florian Meier

Type og sprog

Studiefagsmodul

Engelsk

Mål

Knowledge of:

- Dataset construction and data harvest, including its technical, ethical and legal implications
- Data relevant problems in organizations, including their relation to organizational culture and the wider ecology of methods available in the organization
- Data driven research designs and their implications for data needs and analysis.

Skills in:

- Formulating data-driven questions that make sense in context, taking available data, existing knowledge practices and the strategic situation of the organization into account.
- Carrying out relevant data analysis
- Producing relevant data visualizations
- Narrating methods and findings in ways that make sense to the organization.

Competences in:

- The management of a data project, including its different stages, components and participants

- The translation of data projects into real world cases and contexts.

Fagindhold

The module social analytics in context comprises preparation of a project concerning digital collaboration and contains data preparation and data analytics. The project must be carried out in collaboration with an organization or community. social and organizational contexts.

Omfang og forventet arbejdsindsats

Modulet udgør 10 ECTS points. 1 ECTS point svarer til 27,5 times arbejde, og 10 ECTS point svarer således til 275 arbejdstimer bestående af forberedelse til undervisning, undervisningsdeltagelse, gruppearbejde, øvelser, vejledning og eksamener

Modulaktiviteter (kursusgange med videre)

NEDENSTÅENDE UDFORMES I MOODLE

En beskrivelse af hvordan fagindholdet udmøntes for det kommende semester samt en beskrivelse af andre særlige forhold der gør sig gældende for det specifikke semester (fx organisatoriske, strukturelle, studiemæssige m.m.)

En redegørelse for afløsning ved aktiv deltagelse (hvis det er en eksamensmulighed)

En oversigt over modulets undervisere

Link til gældende skema

For hver undervisningsaktivitet (eksempelvis kursusgange, workshops med videre) angives:

- *Undervisningens karakter (forelæsning, workshop, øvelse, gruppearbejde etc.)*
- *Undervisningsaktivitetens titel og nummer (i nævnte rækkefølge), kortfattet beskrivelse af aktiviteten (kursusmanchet) samt aktivitetens relation til modulets læringsmål*
- *Underviser(e)*
- *Angivelse af anvendt og anbefalet litteratur – herunder en samlet opgørelse over antal sider, samt hvilke tekster der uploades (nedenstående tabel anvendes)*
- *Slides og øvrige ressourcer*

Eksamen

Examination 13

An internal oral examination in: "Social Analytics in Context"

The examination is a conversation between the student(s) and the examiner based on a project report produced individually or in a group. The project report/written work will be considered the shared responsibility of the group. Students will be examined and assessed on the basis of the entire project report, and one combined grade will be awarded each student for the project report and the oral performance.

Literature foundation: Minimum 500 standard pages supervisor approved, self-selected literature related to the project.

The project report: the total number of pages must be no less than 10 pages and no more than 15 pages per student in a project group, and 20 pages if written individually.

Duration of examination: 15 minutes per student and 5 minutes per group for assessment and announcement of result. 20 minutes in total for individual examinations.

Evaluation: Grading according to the 7-point scale.


At oral group examinations, the examination must be conducted in such a way that individual assessment of each individual student's performance is ensured.

Evaluation: grading according to the 7-point scale. Credits: 10 ECTS

The project report and the conversation must demonstrate that the student fulfils the objectives for the module stated above. In the evaluation of the examination performance, the grade 12 will only be awarded to students who give an excellent performance and demonstrate that they have fulfilled the above objectives exhaustively or with only few insignificant omissions.

Any re-examinations will be held on the basis of a revised project report.

SEMESTER ROOM - 9TH SEMESTER - INFORMATION STUDIES (KDM_KA_INFORMATION STUDIES) CPH_E18

 Announcements

 Meddelelser

 Formalities and info

Semester Room 9th Semester Information Studies

Welcome to 9th semester on Information Studies, fall 2018

Semester coordinators: Lone Dirckinck-Holmfeld & Florian Meier

Administrative coordinator: Bjarke Madsbøll, bjarke@hum.aau.dk.

The 9th semester of the programme offers a choice; the students either chose:

A. The internship module: Project Module of 25 ECTS credits in "Information Studies in Practice"

<https://www.moodle.aau.dk/course/view.php?id=27129#section-0>

or

B. the Social Analytics modules: " Digital Collaboration", " Data Preparation and Understanding" , "Data Analyticsand Visualization" , " Social Analytics in Context" .

Research Methodology, A 5 ECTS credits study subject module is *mandatory for all students*

<https://www.moodle.aau.dk/course/view.php?id=27130>

We will post information here in the 9th semester moodle room during the semester, so please keep yourself updated. Have a very good semester!

Warm regards

Lone Dirckinck-Holmfeld & Florian Meier

Important dates

These are important dates for 9th semester students in internships. The list will be updated during the semester so please keep an eye on it.

- Semester introduction A: Interns: Sep, Wednesday 12th @ 14:30 (webinar)
- Project deadline A: Internship report: Dec 20th @ 12 noon
- Research Methodology (RM) start: Sep 03rd (virtual course)
- Research Methodology (RM) webinar/seminar 1: Sep 10th @ 14:30

- Research Methodology (RM) webinar 2: Sep 24th @ 14:30
 - Research Methodology (RM) webinar 3: Oct 8th @ 14:30
 - Research Methodology (RM) webinar 4: Oct 22th @ 14:30
 - Research Methodology (RM) Seminar + skype 5: Oct 29 @ 12:30
 - Research Methodology (thesis synopsis) deadline: November 15th @ 12 noon
 - Project exam (Interns): Early January
 - Shark Tank (Interns): Monday, January 7, 2019 @ 10.00-14.00 + semester evaluation.
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Topic 3

Topic 4

INFORMATION STUDIES IN PRATICE (KDM_KA_INFORMATION STUDIES) CPH_E18

General

Information Studies in Practice, Project Module, 25 ECTS

Semester project: Theoretical and methodological reflections on the internship: IT development practice.

Module coordinator: Lone Dirckinck-Holmfeld (Lone@hum.aau.dk).

Supervisors: Lone Dirckinck-Holmfeld, Florian Meier, Lars Holmgaard



Announcements



Formalities and info



Internship reports examples

ISiP 1: Wednesday, Sep 12th 14:30 - 16:30 Intro (webinar)

Introduction to the semester. Exchange of experiences as interns. How to make your internship a success? First ideas on the internship report.



ISiP 1: Intro and report

ISiP 2: Wednesday, Oct 10th 14:30 - 16:30 Seminar + report (Webinar)

Midterm exchange of experiences as interns. Discussions of the internship report - requirement and possible outline. Interviewing your host.

ISiP 3: Dec 20th 12:00 (noon) Project upload to Digital Examen

Dec 20th 12:00 (noon) Project upload to Digital Examen

Topic 4

Topic 5


RESEARCH METHODOLOGY (KDM_KA_INFORMATION STUDIES) CPH_E18

General

Research Methodology Module, 5 ECTS

Primary goal of the Modul: To prepare students for planning and conducting large research projects within the field of information studies as part of the of their master thesis. The course is therefore designed for students to complete a thesis application based on thorough theoretical and methodological reflections. This will also count as the final written exam of the course.

Module coordinator: Lone Dirckinck-Holmfeld (lone@hum.aau.dk).

 Announcements


 Meddelelser


 Nyhedsforum

 Formalities and information


 Research Topics - supervisors


 Literature review - resources

 search ressources AUB


 Get started with Mendeley.docx


 Handouts literature search IS E2017.pdf

 Search strategy example Circular economy.docx

 Search strategy template 5W EN.docx

Download folder

 IS Thesis (examples)

 Bookkeeping literature list

Research Methodology (RM) Course Description

Virtual course supplemented by two seminars

The Research Methodology course is organised as a primary virtual course supplemented by bi-weekly webinars and two face-to-face seminars. The virtual course takes place in Moodle and through webinars in . The design of the course is based on principles of networked learning and learning in communities of practice. Core principles: joint enterprise, mutual engagement, shared repertoire (Wenger, 1998)

The pedagogical model and rythm:

The course runs in two weeks micro-cycles and one bigger cycle. All micro-cycles are following the same

Let me give one example:

Micro cycles

Week 1, Day 1: Topic 1: The new theme is presented in the forum, and compulsory literature is pointed at. The students get one week to read and work on the literature

Day 5: In the end of the week, the students are expected to prepare and formulate questions to the readings. The questions are uploaded in a webinar forum to be discussed in the following week.

Week 2, Day 1: Topic 1: webinar, where the students and lectures discuss the questions to the readings. Moreover, there is a 20 min + 10 min presentation & discussion of the topic with a lecture.

The students in pair write up topic 1 in their research proposal, which correspond to the readings in the previous week.

Day 5, 1st deliverable: this work is uploaded into a forum in Moodle

These micro circles are continued all in all four times.

The bigger cycle:

Week 9, Day 1: Action learning sets (in f2f seminar).

You will be organised in 3 groups of 6-7 students and one teacher. The group work will be organised as action learning sets. The students will present their work and get feedback from peers and the teacher. Students will summarize the critique.

After the seminar, the students prepare for the final exam assignment on research design, and write the research design: **Deadline: Nov. 15th.**



Literature	Mandatory literature	Supplementing literature	Dig. Upload
Bryman, A. (2016). <i>Social research methods</i> (Fifth Edition). Oxford ; New York: Oxford University Press,	381		
Fallman, D. (2008). The Interaction Design Research Triangle of Design Practice, Design Studies, and Design Exploration. <i>Design Issues</i> , 24(3), s. 4-18	14		
Danmark, & Uddannelses- og Forskningsministeriet. (2014). Danish code of conduct for research integrity. Kbh.: Ministry of Higher Education and Science.	27		
MacKenzie, N. (2006). Research Dilemmas: Paradigms, Methods and Methodology. <i>Issues in educational research</i> , 16(2), 193-205.	12		
Bardzell, J., & Bardzell, S. (2015). Humanistic HCI. <i>Synthesis Lectures on Human-Centered Informatics</i> , 8(4), 1-185. https://doi.org/10.2200/S00664ED1V01Y201508HCI031 s. 79 - 92 & 115 - 142.	40		X
I alt	474		

RM 1: 3.9 - 14.9: 1.micro circle: Planning your research project

RM 1: Monday, September 3rd (before noon)

The theme: "Planning your research project" is presented in the forum, and some guiding reading questions are pointed at. The students get one week to read and work on the literature and prepare for the webinar/face2face.

Friday, September 7th (before noon)

The students are expected to prepare and formulate questions to the readings. The questions are uploaded in a webinar forum to be discussed in the following week.

Monday, Sept 10th. 14:30 - 16:15

Seminar on "Planning your research project" . The seminar is organised as a mixed face2face and virtual seminar (webinar).

1. Discussions of readings
2. Lecture by Rikke Magnussen: Planning your research project.
3. Summary lecture by Lone Dirckinck-Holmfeld: Planning your research

Friday, September 14th (before noon)

1st deliverable due: upload into a forum in Moodle. The students in pair write up topic 1: Planning your research project" as a draft section in your research proposal.

Literature

Bryman, A. (2016). *Social research methods* (Fifth Edition). Oxford ; New York: Oxford University Press, Social research methods / Alan Bryman :

Chapter 1: The nature and process of social research p. 1 - 16;

Chapter 4: Planning a research project and formulating research questions p. 73 - 90.

MacKenzie, N. (2006). Research Dilemmas: Paradigms, Methods and Methodology. *Issues in educational research*, 16(2), 193-205.

<http://www.iier.org.au/iier16/mackenzie.html> (12 p.)

Bardzell, J., & Bardzell, S. (2015). Humanistic HCI. *Synthesis Lectures on Human-Centered Informatics*, 8(4), 1–185. <https://doi.org/10.2200/S00664ED1V01Y201508HCI031> s. 79 - 92 & 115 - 142. Gennemgår nyere strømninger indenfor HCI med fokus på "Social Change and Emancipation"



Humanistic HCI

Hidden from students

RM 2: 17.9 - 28.9: 2. micro circle: Knowledge of Science, Methodologies and methods

RM 2: Monday, Sep17 (before noon)

The 2. theme: "Knowledge of Science, Methodologies and methods" is presented in the forum, and some guiding reading questions are pointed at. The students get one week to read and work on the literature and prepare for the webinar/face2face.

Friday, Sep 21 (before noon)

The students are expected to prepare and formulate questions to the readings. The questions are uploaded in a webinar forum to be discussed in the following week.

Monday, Sep 24, 14:30 - 16:15

Seminar on "Knowledge of Science, Methodologies and methods" . The seminar is organised as a virtual seminar (webinar).

1. Discussions of readings
2. Lecture by Finn Collin: "Knowledge of Science, Methodologies and methods"
3. Summary lecture by Lone Dirckinck-Holmfeld: "Knowledge of Science, Methodologies and methods"

2. deliverable due: upload into a forum in Moodle. The students in pair write up topic 2: "Knowledge of Science, Methodologies and methods" as a draft section in your research proposal.

Literature

Bryman, A. (2016). *Social research methods* (Fifth Edition). Oxford ; New York: Oxford University Press, Social research methods / Alan Bryman :

Chapter 2: Social research strategies: quantitative research and qualitative research p. 16 - 39;

Chapter 7: The nature of quantitative research p. 147 - 170

Chapter 8: Sampling in quantitative research p. 170 - 195

Chapter 17: The nature of qualitative research p. 374 - 407

Chapter 18: Sampling in qualitative research p. 407 - 420

Chapter 26: Breaking down the quantitative/qualitative divide p. 620 - 634

Chapter 27: Mixed methods research: Combining quantitative and qualitative research p. 634 - 661

RM 3 1.10 - 12.10: 3. micro circle: Research designs

RM 3: Monday, Oct 1 (before noon)

The 3. theme: "Research Designs" is presented in the forum, and some guiding reading questions are pointed at. The students get one week to read and work on the literature and prepare for the webinar/face2face.

Friday, Oct 5 (before noon)

The students are expected to prepare and formulate questions to the readings. The questions are uploaded in a webinar forum to be discussed in the following week.

Monday, Oct 8, 14:30 - 16:15

Seminar on "Research Designs" . The seminar is organised as a virtual seminar (webinar).

1. Discussions of readings

2. Lecture by Birger Larsen: "Research Design"

3. Summary lecture by Lone Dirckinck-Holmfeld: "Research Design"

Friday, Oct 12 (before noon)

3. deliverable due: upload into a forum in Moodle. The students in pair write up topic 3: "Research Design" as a draft section in your research proposal.

Literature

Bryman, A. (2016). *Social research methods* (Fifth Edition). Oxford ; New York: Oxford University Press, Social research methods / Alan Bryman :

Chapter 3: Research Designs p. 39 - 72

Chapter 9: Structured interviewing p. 197 - 219

Chapter 13: Content analysis p. 283 - 306

Chapter 19: Ethnography and participants observation p. 422 - 465

Chapter 24: Qualitative data analysis p. 569 - 601

Fallman, D. (2008). *The Interaction Design Research Triangle of Design Practice, Design Studies, and Design*

RM 4: 15.10 - 26.10: 4.micro circle: Journals, conference and databases / Ethics and politics in social & humanities research

RM 4: Monday, Oct 15 (before noon)

The 3. theme: "Journals, conference and databases / Ethics and politics in social & humanities research" is presented in the forum, and some guiding reading questions are pointed at. The students get one week to read and work on the literature and prepare for the webinar/face2face.

Friday, Oct 19 (before noon)

The students are expected to prepare and formulate questions to the readings. The questions are uploaded in a webinar forum to be discussed in the following week.

Monday, Oct 22, 14:30 - 16:15

Seminar on "Journals, conference and databases / Ethics and politics in social & humanities research". The seminar is organised as a virtual seminar (webinar).

1. Discussions of readings

2. Lecture by Toine Bogers: "Journals, conference and databases / Ethics and politics in social & humanities research"

3. Summary lecture by Lone Dirckinck-Holmfeld: "Journals, conference and databases / Ethics and politics in social & humanities research"

Friday, Oct 26 (before noon)

4. deliverable due: upload into a forum in Moodle. The students in pair write up topic 3: "Journals, conference and databases / Ethics and politics in social & humanities research" as a draft section in your research proposal.

Literature

Bryman, A. (2016). *Social research methods* (Fifth Edition). Oxford ; New York: Oxford University Press, Social research methods / Alan Bryman :

Chapter 6: Ethics and politics in social research p. 120 - 147

Danmark, & Uddannelses- og Forskningsministeriet. (2014). *Danish code of conduct for research integrity*. Kbh.: Ministry of Higher Education and Science. <https://ufm.dk/publikationer/2014/filer-2014/the-danish-code-of-conduct-for-research-integrity.pdf> (27 p.)

RM 5: 29.10/12:30 - 16:15: Action Learning Set and F2F seminar (with skype connections)

RM 5: Monday, Oct 29, 12:30 - 16:15

Seminar on "research methodologies" organised as action learning sets. Pairs of students will present their draft Research Proposal, and get systematic feedback from peers and lectures.

Lectures present:

Lone Dirckinck-Holmfeld

Birger Larsen

Deliverables 5: Draft Research Proposal due Friday, Oct 26 (noon)

RM 6: Monday Oct 29 - Nov 15: Virtual period and upload of "Research Proposal"

Students work on their research proposals either in groups (pairs) or individually. Use the forum to support each other.

Deliverable 6: Nov 15 (noon): Research proposal is uploaded to the digital examen system.
