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| HSL Faculty, UiT The Arctic University of Norway, 8.2.2017 | TEMPLATE FOR COURSE DESCRIPTIONS, THE HSL FACULTY Please see explanation to each point below. The template is based on requirements for modules within the UiT quality system. |
| Name | English: Take Control of your PhD Journey: From (p)reflection to Publishing |
| Course code and level | GEN-8001 |
| Type of course | Singular course at the PhD level, open to doctoral degree students. |
| Scope of course | 2 ECTS points |
| Required / recommended previous knowledge | <p>Fulfilled master's degree and admission to a UiT PhD programme or to UiT's Associate Professor Programme.</p> <p>If you aim to include the credits from the course in your 30 mandatory PhD ECTS, you should discuss it with both your supervisor and your faculty prior to applying.</p> <p>.</p> |
| Course contents | <p>1. Research integrity and the transparency of science (mandatory): This seminar provides a basis for the entire seminar series. The aim is to understand the importance of research integrity for the different stages of the research process, and for science in general. With transparency as a guiding principle, the focus is on the whys and hows of using/creating sources correctly, both research papers and research data.</p> <p>2. Literature search (mandatory): This seminar focuses on doing complex and more systematic literature searches and how to use scientific databases in an efficient and effective way. A large component of the seminar is to address the various purposes of literature searches. Participants can choose between 3 seminars: i) Humanities and Social Sciences, ii) Medicine and Health Sciences, and iii) Technology and Natural Sciences.</p> <p>3. Open access publishing (mandatory): This seminar discusses what open access means, the choices researchers have to face when selecting publication venues, and how those choices affect both the scientific and the general community. Participants learn how to evaluate open access publication channels, and receive information about the UiT Publication Fund. We also discuss how researchers can make their publications available in open repositories. This practice is called self-archiving and it is mandated by an increasing number of funders and institutions.</p> <p>4. Research data management (mandatory): This seminar is an introduction to best practices for research data management. This includes how to write a data management plan, how to structure, document, and preserve the data during the project, and, finally, how to archive and share the data in suitable repositories. Participants also receive information about the UiT institutional archive, UiT Open Research Data, as well as the UiT principles and guidelines for research data management.</p> |

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| | <p>In the second half of the seminar, we split in two groups. Participants can choose between i) a group focusing on research data containing sensitive information, and ii) a group focusing on research data without sensitive information.</p> <p>5-6. Reference management (optional): These two seminars introduce reference management and how reference management tools can be used in the various phases of the research process. The seminars will go in more detail into EndNote.</p> <p>Part 1 is an introduction to EndNote, where focus lies on the basic functionalities of the software, such as creating an EndNote library and entering references into a Word document. Part 2 is an advanced course of EndNote, focusing on sharing, organizing and publishing references. Participants may participate in one or both parts.</p> |
| <p>Learning outcomes Be concise and consequent: Outcomes should relate to each other as well as to the teaching methods and the coursework requirements / examination form.</p> <p>Learning outcomes should be formulated in such a way that they may be checked.</p> <p>Make sure the outcomes are realistic and in accordance with the amount of ECTS (they must not be too ambitious).</p> <p>Description of competence is not required for 10 ECTS courses.</p> | <p>By the end of the course the student has obtained the following:</p> <p>Knowledge:</p> <ul style="list-style-type: none"> • Explain correct use of sources in an academic publication and questionable research practices. • Explain the purpose of literature search for the research process. • Explain the purpose and advantages of open science, for research and society in general. • Explain the main sections of a data management plan. <p>Skills:</p> <ul style="list-style-type: none"> • Cite academic work in line with existing norms and conventions. • Select and use scientific databases for advanced literature searches. • Build complex literature searches, using operators (AND, OR, NOT) and search history. • Evaluate and select suitable publication channels for own research. • Find and use repositories for archiving text (publications/manuscripts) and research data. • Structure and document research data in line with good academic practice. <p>Competence:</p> <ul style="list-style-type: none"> • Carry out research with academic integrity. • Disseminate academic work in line with current publication trends and requirements. • Communicate with peers and the larger scholarly community about the concept of transparency of science. • Use the research support services at the University Library. |
| Relevance in the degree program | Should be provided, but not a requirement. |
| Teaching and working methods Teaching methods, scope and frequency should be | The course is organized as interactive sessions combining theory, plenary discussions, group activities, and individual practice. Participants are expected to |

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| described. Also provide information about the number of lectures / classes. | <p>be active prior to and during the sessions. Reading material and other preparatory tasks will be provided in advance.</p> <p>The course is given in the course of one week, as 3-hour-long seminars. The format alternates between in-person (spring semester) and Zoom (autumn semester). When organized in-person, the course is given during 3 days. When organized on Zoom, the course is given during 5 days. The total number of teaching hours with mandatory participation is 12 hours (seminars 1-4). For seminars 5-6, on reference management, participation is optional.</p> |
| Practice | |
| Quality assurance of the course | All courses will be evaluated once during the period of the study program. The board of the program decides which courses will be evaluated by students and teacher each year. |
| Coursework The required coursework must be clear and feasible. Keep the scope of the course in mind. | |
| <p>Assessment and exam Provide clear information about exam form(s). The amount of hours/days/weeks must be given.</p> <p>In the case of written assignments, please provide the required amount of words. If desired: provide information about line space, font etc. (standard: 1 ½).</p> <p>A-F grades scale or Pass/Fail</p> | <p>Written examination, 1000-1500 words including references, with a given assignment text. Purpose: Reflect upon the acquired knowledge and skills and employ them in order to proceed in the PhD research process in an effective way.</p> <p>The assignment will be handed out electronically after seminar 4 (research data management), and must be handed in electronically within 4 weeks.</p> <p>The exam paper may be written in English or in a Scandinavian language (Norwegian, Swedish, Danish).</p> <p>The examination is evaluated according to the pass/fail grading system. Students who have failed may not register for a re-sit examination.</p> |
| Retake | Retake is offered in in the beginning of the following semester in cases of grade F or Fail. Deferred examination is offered in the beginning of the following semester if the student is unable to take the final exam due to illness or other exceptional circumstances. Registration deadline for retake is January 15 for autumn semester exams and August 15 for spring semester exams. |
| Syllabus | |
| Language of instruction and examination | English |