

## Literature review in a doctoral thesis within educational sciences: Scoping review and Rapid review

Category	Content
Course Code	WNGERII900
Course Title	Literature review in a doctoral thesis within educational sciences: Scoping review and Rapid review
ECTS Credits	3 ECTS Credits (obligatory assignments, reading the course literature, min. 80% attendance and academic paper 1 ECTS Credits (obligatory assignments, reading the course literature, min. 80% attendance.)
Level of Study	Ph.D.
Full-time/Part-time	Part-time
Language of Instruction	English
Semester	Spring/Fall semester
Place of Instruction	Faculty of Psychology, University of Bergen

## Objectives and Content

### *Content*

Writing literature review at Ph.D level:

- Scoping review, Rapid review and different review types and purposes
- Research design
- Databases
- Search methods
- Analysis
- Tools
- Presentation of findings

### *Main learning objectives*

The main course goal is to introduce Phd students to Scoping review and Rapid Review, and also show how to complete a traditional/narrative literature review for a doctoral thesis. Throughout the course the Phd students will develop their understanding of different types of literature reviews and what purposes these can have in their own research. In addition, the course aims to develop the Phd students' abilities and knowledge for designing and completing their own literature review through familiarizing them with different kinds of research design, databases, search methods, analysis, and ways of presenting their findings.

After completing the course, the Phd students will have general knowledge about:

- Scoping review, Rapid review and different types and purposes of literature reviews
- Relevant databases within social science research
- Search methods for database searches to locate and collect literature in a systematic and transparent way
- Methods for analysis and tools for organizing collected literature

After completing the course, the Phd student will have specific knowledge about:

- How to develop an original problem statement for completing their own literature review
- What types of literature review and research design will fit their own project
- Using different searching methods and techniques in various databases for collecting relevant literature
- How to interpret, code, and categorize collected literature through different methods of analysis
- How to present findings in text and visually at a high academic level

<p><b>Learning Outcomes</b></p>	<p>By completing the course the Phd students will have completed the following learning aims, which are here defined as knowledge, skills, and general competence:</p> <p><i>Knowledge:</i></p> <p>The student will have knowledge about Scoping review and Rapid review, what purposes these have in research, and which research design that should be used when planning a literature review. The student will be familiar with relevant databases within social science research, and how to use these. The student will be familiar with various methods of analysis and tools for assessing, sorting, and presenting the collected literature from database searches.</p> <p><i>Skills:</i></p> <p>The student will be able to use different databases for social science research for performing database searches using various search methods in an independent way.</p> <p><i>General competence:</i></p> <p>The student will be able to develop an original problem statement, and use the problem statement to complete and present a literature review on a high academic level.</p>
<p><b>Required Previous Knowledge</b></p>	<p>Master's degree in pedagogy or educational sciences.</p>
<p><b>Recommended previous Knowledge</b></p>	<p>Should know about literature reviews from Bachelor- and Master's level</p>
<p><b>Credit Reduction due to Course Overlap</b></p>	<p>None</p>

<p><b>Is the course open or reserved for students enrolled in particular programmes?</b></p>	<p>The course is open for students at Ph.D.-level</p>
<p><b>Teaching Methods and Extent of Organized Teaching</b></p>	<p>Teaching will be organized as lectures and cases at the University of Bergen. Also, databases, search engines, and tools will be demonstrated. In addition, the course will have digital elements integrated in the course design (e.g. “flipped classroom”).</p> <p>The Phd students’ project descriptions will form the basis for further discussion regarding the use of literature reviews in light of project foci and research questions. The Phd students will become aware of the role that the literature review can have in their own projects.</p>
<p><b>Compulsory Assignments and Attendance</b></p>	<p>Obligatory assignments before the course day, reading the course literature, and min. 80% attendance.</p>

<b>Forms of Assessment</b>	<p>The assessment criteria at the Faculty of Psychology will be used.</p> <p>Pass or fail</p> <p>3 ECTS Credits: Obl. assignments, min. 80 % attendance, reading and approval of academic paper (3500-4000 words) where the PhD student demonstrates how he or she can carry out a literature review in his or her doctoral thesis. The paper will be assessed (approved/revise and resubmit) by the course coordinator or instructor. The workload for the paper is estimated to be 2-3 weeks. The PhD student should set aside enough time for work with the prescribed course texts and the paper before the set submission deadline.</p> <p>1 ECTS Credits: Obligatory assignments reading the course literature, and min. 80% attendance.</p>
<b>Examination Support Material</b>	<p>All forms of examination support materials are allowed</p>
<b>Grading Scale</b>	<p>Pass or fail</p> <p>3 ECTS Credits: Obl. assignments, min. 80 % attendance, reading and approval of academic paper (3500-4000 words) where the PhD student demonstrates how he or she will carry out a literature review in his or her own doctoral thesis. The paper will be assessed (approved/revise and resubmit) by the course coordinator or instructor. The workload for the paper is estimated to be 2-3weeks. The PhD student should set aside enough time for work with the prescribed course texts and the paper before the set submission deadline.</p> <p>1 ECTS Credits: Obligatory assignments, reading the course literature, and min. 80% attendance.</p>
<b>Assessment Semester</b>	<p>Spring/Fall</p>

<p><b>Reading List</b></p>	<p>Arksey, H., &amp; O'Malley, L. (2005). Scoping studies: towards a methodological framework. <i>International Journal of Social Research Methodology</i>, 8(1), 19-32.</p> <p>Barnett-Page, E., &amp; Thomas, J. (2009). Methods for the synthesis of qualitative research: a critical review. <i>BMC Medical Research Methodology</i>, 9(1), 1-11.</p> <p>Booth, A., Papaioannou, D., &amp; Sutton, A. (2012). <i>Systematic approaches to a successful literature review</i>. London: Sage.</p> <p>Boote, D. N., &amp; Beile, P. (2005). Scholars Before Researchers: On the Centrality of the Dissertation Literature Review in Research Preparation. <i>Educational Researcher</i>, 34(6), 3-15.</p> <p>Cronin, P., Ryan, F., &amp; Coughlan, M. (2008). Undertaking a literature review: a step-by-step approach. <i>British Journal of Nursing</i>, 17(1), 38-43.</p> <p>Connolly, T. M., Boyle, E. A., MacArthur, E., Hainey, T., &amp; Boyle, J. M. (2012). A systematic literature review of empirical evidence on computer games and serious games. <i>Computers &amp; Education</i>, 59(2), 661-686.</p> <p>Gough, D., Oliver, S., &amp; Thomas, J. (2013). <i>Learning from research: Systematic reviews for informing policy decisions: A quick guide. A paper for the Alliance for Useful Evidence</i>. London: NESTA.</p> <p>Grant, M. J., &amp; Booth, A. (2009). A typology of reviews: an analysis of 14 review types and associated methodologies. <i>Health Information &amp; Libraries Journal</i>, 26(2), 91-108.</p> <p>Jesson, J. K., Matheson, L., &amp; Lacey, F. M. (2011). <i>Doing your literature review: traditional and systematic techniques</i>. London: Sage.</p> <p>Krumsvik, R. J., &amp; Røkenes, F. M. (2016). Litteraturreview i ph.d-avhandlingen. I: R.J. Krumsvik (red.), <i>En doktorgradsutdanning i endring. Et fokus på den artikkelbaserte ph.d-avhandlingen</i> (s. 51-91). Bergen: Fagbokforlaget.</p> <p>Maxwell, J. A. (2006). Literature reviews of, and for, educational research: A commentary on Boote and Beile's "Scholars before researchers". <i>Educational Researcher</i>, 35(9), 28-31.</p> <p>Polit, D. F., &amp; Beck, C. T. (2017). Literature reviews: Finding and critiquing evidence. In D. F. Polit &amp; C. T. Beck (Eds.), <i>Nursing research: Generating and assessing evidence for nursing practice</i> (10 ed., pp. 87-116). Philadelphia, PA: Wolters Kluwer.</p>
<p><b>Course Evaluation</b></p>	<p>Course evaluation is done in accordance to the Faculty of Psychology's' procedures for study quality</p>
<p><b>Programme Committee</b></p>	<p>Professor Rune Johan Krumsvik</p>
<p><b>Course Coordinator</b></p>	<p>Professor Rune Johan Krumsvik Associate professor Fredrik Mørk Røkenes</p>

<b>Course Administrator</b>	Research group Digital Learning Communities, Department of Education, the Faculty of Psychology
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