# Qualitative research with NVivo

| Category | Content |
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| **Course Code** | |
| **Course Title** | Qualitative research with NVivo |
| **ECTS Credits** | 3 ECTS Credits (80% attendance during lectures and academic paper)<br><br>1 ECTS Credits (80% attendance during lectures) |
| **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* |
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| | Qualitative research: |
| | - The purpose of qualitative research |
| | - Quality of qualitative research |
| | - Guidelines for increasing quality of qualitative research |
| | - Positioning of your qualitative research in your doctoral thesis |
| | - Coherence of qualitative research designs in your doctoral thesis |
| | - Transparency of qualitative research in your doctoral thesis |
| | - Reporting qualitative research in your doctoral thesis |
| | - Using NVivo in your qualitative research |
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| | *Main learning objectives* |
| | The main course goal is to introduce PhD students to how to carry our qualitative research with NVivo on a high academic level for a doctoral thesis. Throughout the course the Phd students will develop their understanding of how to increase the quality of qualitative research generally and regarding the publishing process in scientific journals. The course aims to develop the PhD students' abilities to apply NVivo and write their own qualitative research papers in a coherent and transparent way. |
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| | After completing the course, the PhD students will have general knowledge about: |
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| | - The purpose of qualitative research |
| | - The theoretical stance in qualitative research |
| | - The methodology in qualitative research |
| | - The research design of qualitative research |
| | - The methods and instruments of qualitative research |
| | - The analysis of qualitative research with NVivo |
| | - Ways of presenting findings of qualitative research |
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| | After completing the course, the PhD student will have specific knowledge about: |
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| | - How to increase the coherence, transparency and quality of qualitative research |
| | - The theoretical stance of qualitative research (ontological, axiological, epistemological and methodological positioning) |
| | - How to select the appropriate methodology for research questions |
| | - How to develop qualitative research design |
| | - How to assess qualitative research |
| | - How to use NVivo actively throughout your qualitative research design |

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| **Learning Outcomes** | By completing the course the Phd students will have completed the following learning aims, which are here defined as knowledge, skills, and general competence:

*Knowledge:*

The PhD student will have knowledge about qualitative research in an article based PhD thesis, what purposes qualitative research have, how to apply NVivo and how to increase the quality of qualitative research at a doctoral level. The PhD student will be familiar with relevant guidelines for assessing qualitative research in scientific journals and in doctoral thesis, and how to apply these in their own doctoral thesis. The PhD student will be familiar with various models, matrixes and tools for assessing, sorting, and presenting the different elements of their qualitative research in a doctoral thesis.

*Skills:*
The PhD student will be able to carry out qualitative research in a coherent and transparent way in light of common guidelines and assessment of scientific journal papers and doctoral thesis.

*General competence:*
The PhD student will be able to understand the purpose of qualitative research, the required elements of qualitative research and how to improve their qualitative research in their own doctoral thesis. |
| **Required Previous Knowledge** | Master's degree within disciplines relevant to pedagogy, educational research, psychology, medicine and health science. |
| **Recommended previous Knowledge** | Should know about academic writing from Bachelor- and Master's level |
| **Credit Reduction due to Course Overlap** | None |

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| **Is the course open or reserved for students enrolled in particular programmes?** | The course is open for students at Ph.D.-level within educational sciences |
| **Teaching Methods and Extent of Organized Teaching** | Teaching will be organized as lectures and cases at the University of Bergen. Also, models, matrixes, assessment tools and templates will be demonstrated. In addition, the course will have digital elements integrated in the course design (e.g. "flipped classroom"). The PhD students' preliminary thoughts and drafts concerning their qualitative research and NVivo will form the basis for further discussion regarding the purpose and the elements of the qualitative research. The PhD students will become aware of the importance of quality assuring every part of the qualitative research in their own doctoral thesis. |
| **Compulsory Assignments and Attendance** | 80 % attendance during lectures |

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| **Forms of Assessment** | The assessment criteria at the Faculty of Psychology will be used. |
| | 1 ECTS Credits (80% attendance during lectures) |
| | 3 ECTS Credits (80% attendance during lectures and academic paper) |
| | Pass or fail |
| | Pass included 80 % attendance during lectures and approval of academic paper (2500-3000 words) where the PhD student demonstrates how he or she quality assures qualitative research 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 weeks. The Phd student should set aside enough time for work with the prescribed course texts and the paper before the set submission deadline. |
| **Examination Support Material** | All forms of examination support materials are allowed |
| **Grading Scale** | Pass or fail |
| | 3 ECTS Credits (80% attendance during lectures and academic paper) |
| | Pass included 80 % attendance during lectures and approval of academic paper (2500-3000 words) where the Phd student demonstrates how he or she quality assure qualitative research 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 weeks. The Phd student should set aside enough time for work with the prescribed course texts and the paper before the set submission deadline. |
| **Assessment Semester** | Spring/Fall |

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| **Reading List** | Krumsvik, R.J., Øfstegaard, M. & Jones, L.Ø. (2016). Retningslinjer og vurderingskriterier for artikkelbasert ph.d.-avhandling. *Uniped*, 1(39), 78–94. <br> Miles, M. B., Huberman, A. M., & Saldaña, J. (2014). *Qualitative data analysis: A methods sourcebook*. Los Angeles, CA: Sage.Maxwell, J.A. (1992). Understanding and validity in qualitative research. *Harvard Educational Review*, 62(3), 279–300. <br> Maxwell, J. (2010). Using Numbers in Qualitative Research. *Qualitative Inquiry*, 16(6) 475–482 <br> Onwuegbuzie, A. J., & Leech, N. L. (2005). Taking the "Q" out of research: *Teaching research methodology courses without the divide between quantitative and qualitative paradigms*. Quality and Quantity, 39(3), 267–295. <br> Pearce, L. (2015). Thinking Outside the Q Boxes: Further Motivating a Mixed Research Perspective. I S. Hesse-Biber og B. Johnson (red.), *The Oxford Handbook of Multimethod and Mixed Methods Research Inquiry* (s. 42–56) (Oxford Library of Psychology). New York. Oxford University Press. <br> Cochrane Methods (2017). *Qualitative and implementation*. Retrieved 08.02.2017 from http://methods.cochrane.org/qi/welcome |
| **Course Evaluation** | Course evaluation is done in accordance to the Faculty of Psychology's' procedures for study quality |
| **Programme Committee** | Professor Rune Johan Krumsvik |
| **Course Coordinator** | Professor Rune Johan Krumsvik |

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| **Course Administrator** | Research group Digital Learning Communities, Department of Education, the Faculty of Psychology |
| **Contact Information** | Rune Johan Krumsvik<br><br>Rune.johan.krumsvik@uib.no<br><br>Phone: 555 84 807 |