UNIVERSITY OF GOTHENBURG

DEPARTMENT OF EDUCATION AND SPECIAL EDUCATION

QRM1810, Introduction to quantitative methods in educational research, 7.5 credits

Introduktion till kvantitativa metoder i utbildningsvetenskaplig forskning, 7,5 högskolepoäng

Third-cycle level / Forskarnivå

Reading and reference list for QRM1810

This reading and reference list was confirmed by Department of Education and Special Education 2026-09-17, and is valid from Autumn semester 2026.

The reading and reference list is available on the next page.

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Reading and reference list for QRM1810

This reading and reference list was confirmed by Department of Education and Special Education 2020-07-03, and is valid from Autumn semester 2020.

The reading and reference list is available on the next page.

INSTITUTIONEN FÖR PEDAGOGIK OCH SPECIALPEDAGOGIK

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Third Cycle/Forskarnivå

Litteraturlistan är fastställd av Institutionen för Pedagogik och Specialpedagogik/ The course book list is confirmed by the Department of Education and Special Education 2019-04-30, reviderad/revised 2020-06-30, att gälla fr.o.m./ to be valid from 2020-09-01.

Litteratur/Literature

All European Academies (2017). *The European Code of Conduct for Research Integrity*, Revised edition. Berlin: ALLEA - All European Academies. (Downloadable from https://allea.org/).

De Vaus, D. A. (2001). *Research design in social research*. London: SAGE (Ch 10, Ch 11 (20 pages)). Pdf will be provided.

Shadish, W. R., Cook, T. D., & Campbell, D. T. (2002). *Experimental and quasi-experimental designs for generalized causal inference*. New York: Houghton Mifflin Company.

Ercikan, K., & Roth, W.-M. (2006). What Good Is Polarizing Research Into Qualitative and Quantitative? *Educational Researcher*, *35*(5), 14–23.

Röhlcke, S., Bäcklund, C., Sörman, D. E., & Jonsson, B. (2018). Time on task matters most in video game expertise. *PloS One*, *13*(10), e0206555. doi:10.1371/journal.pone.0206555

Pedhazur, E. J., & Schmelkin, L. P. (1991). *Measurement, design, and analysis: An integrated approach*. Lawrence Erlbaum Associates, Hillsdale, NJ. (Chapter 2. Measurement and scientific inquiry, pp. 16-23 (Fulltext available via GU Library or Google Books).

Vetenskapsrådet (2017). *Good research practice*. Stockholm: Vetenskapsrådet. (Downloadable from https://vr.se/).

+ artiklar om ca 200 sidor/ + articles about 200 pages.

Programvara

IBM SPSS - Statistical package for the social sciences, version 20 or later. Most universities and colleges in Sweden offer SPSS to employees and students, either as a site-license or limited volume license.

IBM SPSS - Statistical package for the social sciences, version 20 eller senare. De flesta universitet och högskolor erbjuder SPSS till anställda och studenter, antingen som sitelicens eller som begränsad volymlicens.