



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 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

QRM1810, Introduction to quantitative methods in educational research, 7,5 credits

QRM1810, Introduktion till kvantitativa metoder i utbildningsvetenskaplig forskning, 7,5 högskolepoäng

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.