



## INSTITUTIONEN FÖR PEDAGOGIK OCH SPECIALPEDAGOGIK

### **QRM1803 Mätlära: Teori och tillämpning i utbildningsvetenskaplig forskning, 7,5 högskolepoäng**

Measurement: Theory and applications in educational research, 7.5 credits

*Forskarnivå / Third-cycle level*

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### **Litteraturlista för QRM1803**

Litteraturlistan är fastställd av Institutionen för pedagogik och specialpedagogik 2019-10-06, att gälla från och med höstterminen 2019.

Se litteraturlistan på nästa sida.



## DEPARTMENT OF EDUCATION AND SPECIAL EDUCATION

### **QRM1803, Measurement: Theory and applications in educational research, 7.5 credits**

QRM1803, Mätlära: Teori och tillämpning i utbildningsvetenskaplig forskning, 7,5 högskolepoäng

*Third Cycle/ Forskarnivå*

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The course book list is confirmed by the Department of Education and Special Education at 2018-06-26, revised 20190930, to be valid from 2019-10-28.

#### **Literature**

- Douglas, D. (2014). *Understanding language testing*. Routledge. (Ch 5. By the numbers; a statistics mini-course.) (Online access at GU library)
- Emberson, S. E., & Reise, S. P. (2000) *Item Response Theory for Psychologists*. New Jersey: Lawrence Erlbaum Associates, Inc. (pp. 368) (Online access at GU library)
- Hambleton, R. K., Swaminathan, H., & Rogers, H. J. (1991). *Fundamentals of item response theory* (Vol. 2). Sage. (Ch 4. Assessment of model fit, pp 53-76) (pdf will be provided)
- Kline, T. (2005). *Psychological testing: A practical approach to design and evaluation*. Sage. (Online access at GU library)
- Koretz, D. (2009) *Measuring up. What Educational Testing Really Tells Us*. Harvard University Press. (pp. 353) (Online access at GU library)
- Pedhazur, E. J., & Schmelkin, L. P. (1991). *Measurement, design, and analysis: An integrated approach*. Lawrence Erlbaum Associates, Hillsdale, NJ. Selected chapters (Ch2 – Ch 5. pp.16-100 ). (Online access at GU library)
- Rosén, M. (2001). Gender differences in reading performance on documents across countries. *Reading and writing, 14*(1-2), 1-38.
- Strietholt, R., & Rosén, M. (2016). Linking large-scale reading assessments: Measuring international trends over 40 years. *Measurement: Interdisciplinary Research and Perspectives, 14*(1), 1-26.

+ articles/texts of ca 150 pages

## **Software**

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

BlueSky - can be downloaded for free from [www.blueskystatistics.com](http://www.blueskystatistics.com),