

Identification and Assessment of Mathematics in Special Education

Programme course

7.5 credits

Identifiering och bedömning i specialpedagogisk
verksamhet i matematik

948A11

Valid from:

Determined by
The Board of Educational Science

Date determined
2010-05-25

Revision date
2013-02-14

Main field of study

Special Education

Course level

Second cycle

Advancement level

A1X

Course offered for

- Special Needs Training Programme, Mathematics

Entry requirements

30 HE credits approved in the Special Teacher Education Programme or equivalent.

Intended learning outcomes

On completion of the course, the student should be able to:

- Distinguish different dimensions and forms of knowledge in mathematics.
- Use basic theories of knowledge assessment to review and reflect on questions concerning the work of teachers in assessment of mathematics.
- Independently plan and carry out an objective assessment of pupils' mathematical skills and argue for and explain the assessment.
- Use a subject relevant language to analyse and evaluate knowledge assessments in mathematics.
- Identify and counteract factors that may influence an objective assessment.

Course content

The course focuses on assessment of mathematical knowledge. The assignment of schools in relation to pupils' learning in mathematics is discussed in the course. Further discussed is the question regarding which mathematical expertise can be assessed or measured, and in what way such an assessment could be carried out.

The course consists of four (4) parts:

- Knowledge and aspects of learning in mathematics
- Basic theories of measurement and assessment in general and in mathematics
- Different evaluation strategies
- Feedback on assessments and assessment as an educational aid.

Teaching and working methods

Lectures, seminars and field studies are included in the course. Studies of literature, preparations prior to seminars and group assignments as well as completion of course assignments are also part of the course. In addition to scheduled time, students are expected to work with independent studies, individually and/or in groups.

Examination

The course is examined through written assignments.

Grades

Two-grade scale, U, G

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus. The course is carried out in such a way that both men's and women's experience and knowledge is made visible and developed.

Department

Institutionen för beteendevetenskap och lärande