

## MSA500, SPECIAL COURSE 2, 7.5 credit points

*Level: advanced*

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### 1. Authorisation

The course plan has been authorised by the vice-dean of the Department of Mathematical Sciences on November 9, 2006, to be valid from July 1, 2007.

*Educational field:* Mathematical Sciences.

### 2. Educational context

The course is a part of the Master Program in Mathematical Sciences in the directions Mathematical Statistics, Biostatistics, and Financial Mathematics. It is intended for self-study of a specific subject chosen jointly by the student and the director of studies in Mathematical Statistics.

### 3. Prerequisites

To qualify for the course 60 or more credit points in Mathematical Statistics are required depending on the matter of study.

### 4. Goals and learning outcomes

Having passed the course the student should have attained a good knowledge in the subject and ability to apply it.

### 5. Course description

The topics of study are chosen jointly by the student and the director of studies in Mathematical Statistics.

### 6. Literature

See separate list.

### 7. Assessment

Course activities that contribute to the grade may include laboratory and home

assignments, midterm examination, written or oral final examination, and take-home final examination.

### **8. Grades**

The grade levels are Fail (U), Pass (G), and High Pass (VG). A wish for an ECTS grade should be reported to the examiner at the beginning of the course.

### **9. Course evaluation**

In the middle of the course the teacher arranges a feedback discussion with the students and at the end of the course the students will be asked to answer a questionnaire. The results of the questionnaire will be processed by the teacher together with student representatives.

### **10. Additional information**