

Directive of the Directorate of Studies for the Abraham Wald PhD program in Statistics and Operations Research

All terms and definitions shall be neutral in gender.

§1 Framework Curriculum

The Framework Curriculum for the PhD program and the doctoral program in Business, Economics and Statistics (FCurrBES) is the basis for this directive. This directive includes specifications for the dissertation field of Statistics and Operations Research.

§2 Structure of the program

- (1) The program takes six semesters to complete (§ 4 FCurrBES).
- (2) During the program lectures or courses comprising 12 semester hours (18 ECTS) must be completed and attested by official transcripts. It is recommended that students attend these courses in the first two semesters.
- (3) Furthermore, seminars for doctoral students comprising 8 semester hours (12 ECTS) must be completed. It is recommended that students attend these seminars in the third to the sixth semester. Doctoral student seminars that are offered in different semesters also count as different courses even when they have the same course title and the same course number.
- (4) Participation in the Institute for Statistics and Operations Research (ISOR) colloquium is compulsory which is where faculty-wide presentations take place (see § 6 FCurrBES).
- (5) Within one year of admission to the program, students must submit an application for approval of a dissertation project (see § 3 FCurrBES).
- (6) According to §7 FCurrBES (see §15 Section of the University's Statutes governing university studies) the dissertation contract will in any case include the courses stipulated herein.
- (7) Moreover, a dissertation must be written and defended (see § 15 Section of the University's Statutes governing university studies).

§ 3. Courses

- (1) ISOR offers courses (usually comprising respectively 2, 3 or 4 semester hours (respectively 3, 5 or 6 ECTS)) from the following fields:
 1. Advanced Theoretical Statistics
 2. Advanced Applied Statistics and Data Analysis
 3. Advanced Stochastic Processes and Models
 4. Advanced Optimization

Students can choose the courses which have to be completed under § 3 para. (2) from the courses mentioned above, provided courses from at least two different fields are represented in such selection.

(2) The doctoral advisory board for the dissertation field Statistics and Operations Research can also recommend to the Director of the Doctoral Studies Program or his representative the approval of other advanced courses at the Faculty of Business, Economics and Statistics, the University of Vienna or partner universities for all students of the doctoral program if the contents and level of such courses is suitable for the AW PhD program. This is of particular relevance if the range of courses offered at the Department of Statistics is insufficient.

(3) The Director of the Doctoral Studies Program or his representative decides on the substitution of courses from para. (1) by other courses associated with the dissertation on a case-by-case basis. However, it must be ensured that the courses chosen from those named in para. (1) or equivalent courses comprise at least 12 ECTS. If students have already received consent from a supervisor to supervise their dissertation, the consent of such supervisor to substitute courses must be obtained in advance.

(4) The doctoral students' seminars pursuant to § 3 para. (3) must be completed in consultation with the supervisor(s) of the dissertation.

(5) The courses will be held in English. The dissertation must be written in English.