

**Curriculum
for the Doctoral Programme in the Field of
Quantitative Economics**

I. Classes in this programme include courses that cover lectures of not more than 22 semester periods per week ("Semesterwochenstunden/SWS") and are divided between the first two semesters. The following subjects must be studied:

1. Advanced Microeconomics/Public Finance	4 SWS
2. Advanced Macroeconomics	4 SWS
3. Statistics/Econometrics I	4 SWS
4. Statistics/Econometrics II	4 SWS
5. three specialisation courses from among those offered in the doctoral programme	6 SWS

Specialisation courses may include:

- International Finance
- International Trade
- Social Security
- Decision Economics
- Advanced Growth Theory
- Economics of Information
- Industrial Economics
- Econometrics II
- Game Theory
- Computable General Equilibrium Theory
- Experimental Economics
- Operations Research
- Dynamic Systems
- Numerical and Computational Methods
- Applications of Artificial Intelligence

II. Doctoral students are recommended to attend courses (1) to (3) during the first semester and courses (4) and (5) during the second semester of their participation in the programme, after which they should concentrate on completing their doctoral thesis.

III. The following applies for waiving examination achievements:

Reduced participation in the programme is designated for non-professorial members of the academic staff at the Institutes in question, since their work at the Institute enables them to acquire knowledge that other doctoral students should acquire in their doctoral programme.

In principle, the quota for mandatory course credits in the doctoral programme is reduced for all non-professorial members of the academic staff to 8 SWS, whereby the following distinction applies:

1. members of the academic staff with a degree in economics:
 - a) mandatory attendance of the Statistics/Econometrics I course (4 SWS), unless Econometrics was selected as an optional subject during stage II studies,
 - b) free choice of courses amounting to a further 4 SWS (or 8, if Statistics/Econometrics I does not have to be taken)

2. members of the academic staff with other degrees:
 - a) mandatory attendance of courses on
Microeconomics (2 SWS)
Macroeconomics (2 SWS)
Statistics/Econometrics (2 SWS)
 - b) free choice of a course amounting to a further 2 SWS

IV. In addition, all doctoral students are recommended to regularly attend the Erich-Schneider Research Seminar at the Institute of Economics.