

ORGANISATION OF DOCTORAL STUDIES; RECRUITMENT, ADMISSION AND MONITORING

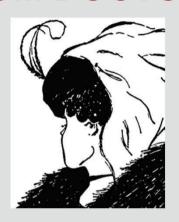
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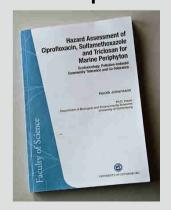
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#### "OUTCOME" FROM DOCTORAL EDUCATION



Transition from focus the thesis to focus the development of personal knowledge, skills and competence in order to perform independent research after exam







# LEARNING OUTCOMES OF THE THIRD CYCLE IN THE EUROPEAN QUALIFICATIONS FRAMEWORK (EQF)

- Knowledge at the most advanced frontier of a field of work or study and at the interface between fields
- The most advanced and specialized skills and techniques, including synthesis and evaluation, required to solve critical problems in research and/or innovation and to extend and redefine existing knowledge or professional practice
- Competence: Demonstrate substantial authority, innovation, autonomy, scholarly and professional integrity and sustained commitment to the development of new ideas or processes at the forefront of work or study contexts including research

# SWEDISH LAW AND REGULATIONS; THE HIGHER EDUCATION ORDINANCE, MAIN FEATURES 1 (4)

**System of qualifications**; general qualitative targets with intended outcomes: knowledge and understanding, competence and skills, and judgement and approach as outlined in the Qualification ordinance

All study programmes have a *general study syllabus*; the main content of the study programme, specific entry requirements, selection criteria and other regulations required

## SWEDISH LAW AND REGULATIONS; THE HIGHER EDUCATION ORDINANCE, MAIN FEATURES 2 (4)

An *individual study plan* shall be drawn up for each doctoral candidate

- undertakings of the doctoral candidate
- undertakings of the HEI
- timetable for the doctoral candidate's progression
- adopted after consultation with the doctoral candidate and his or her supervisors
- reviewed regularly (yearly, at least)

## SWEDISH LAW AND REGULATIONS; THE HIGHER EDUCATION ORDINANCE, MAIN FEATURES 3 (4)



Degree of Doctor, 240 ECTS



Degree of Licentiate, 120 ECTS

- Thesis work: at least 120/60 ECTS
- Rate of study: at least 50 % of full time
- The whole time period of the doctoral education has to be fully financed for each doctoral candidate
- Each doctoral candidate must have at least two supervisors





### **SWEDISH LAW AND REGULATIONS; THE HIGHER EDUCATION ORDINANCE, MAIN FEATURES 4 (4)**

#### **Examination** of thesis

- An approved doctoral thesis is required for the award of the doctoral degree
- The doctoral thesis shall be presented and defended orally in public
- A faculty examiner (opponent) shall be appointed for this presentation
- At least one of those participating in the grading of a doctoral thesis shall be someone who does not have a post at the HEI awarding the degree.





#### RECRUITMENT

#### Recruitment

- Starts already at bachelor and master levels
- Contact with research by essay/paper
- Goal: to recruit the best fitted applicants for the doctoral education in question
- Open announcement of vacant positions in a doctoral education programme is a prerequisite for setting up a competition between applicants
- Control station before the announcement gets public

#### **ADMISSION**

#### Admission

- Big investment for the HEI and the doctoral candidate to be – of great importance for both partners that admission is successful
- Transparency in the selection criteria
- Professional selection process
- Several persons involved in the ranking of applicants
- Inspection of paper merits complemented by interview

#### **MONITORING**

### Monitoring, formal

- The supervisor has great responsibility
- Written and signed agreement planning instrument (career development)
- Introduction; education system, the HEI, subject matter, the department (research group)
- Follow-up of the agreement, for instance completion of course work
- As employee. The doctoral candidate may also have other duties at the HEI (teaching or administration)

#### **MONITORING**

### Monitoring, academic

- Seminars; theory, methods and results
- Participating in conferences and work shops arranged outside the doctoral candidate's own HEI
- Peer review of articles (compilation thesis)
- Follow-up of agreement, such as completion of parts of the thesis work
- Final seminar; rehearsal prior to defense (examination) of the thesis by external peer review (green/red light)