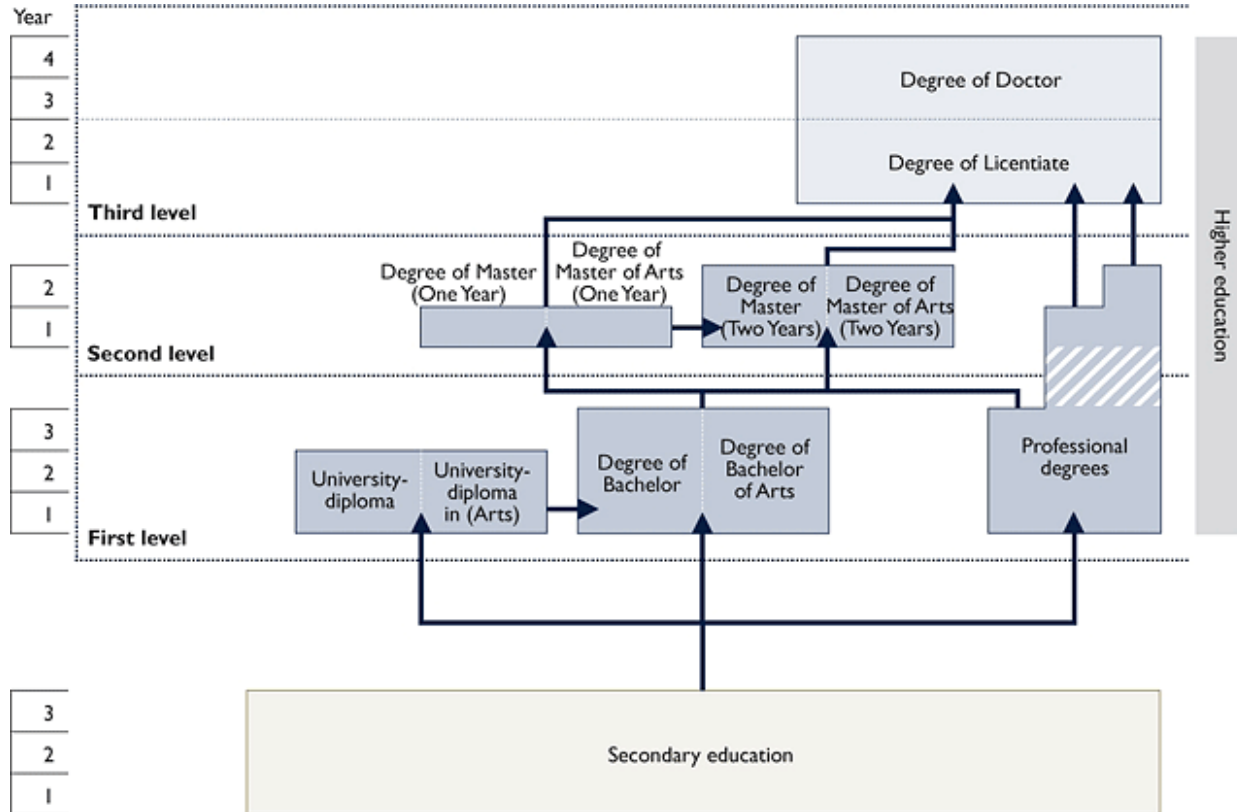


Education system (PhD) in Sweden and Japan

The Swedish Education System



The academic year in Sweden

- The academic year consists of 40 weeks (20 weeks per semester), and begins with the autumn semester and finishes with the spring semester. There are no formal holiday periods during the semester. There are however short breaks over Christmas and Easter.
- 1 semester = 30 ECTS credits
- 1 year = 60 ECTS credits
- 1 week = 1,5 ECTS credits

Semester dates

- *2017/2018*
Autumn 2017: 28 August – 14 January (weeks: 35–02)
Spring 2018: 15 January – 3 June (weeks: 03–22)
- *2018/2019*
Autumn 2018: 3 September – 20 January (weeks 36–03)
Spring 2019: 21 January – 6 June (weeks 04–23)

Objectives of Doctoral Education

- To develop capable, independent and critically minded new researchers and teachers with ability to demonstrate the capacity for scholarly analysis and synthesis, intellectual autonomy, and in national and international contexts demonstrate research and research findings authoritatively in speech and writing, in dialogue with the academic community and society in general.
- Development of new knowledge.

Doctoral Candidates in Sweden 2016

Active 18 445

Enrolled 2985

Degrees at Doctoral level 3555

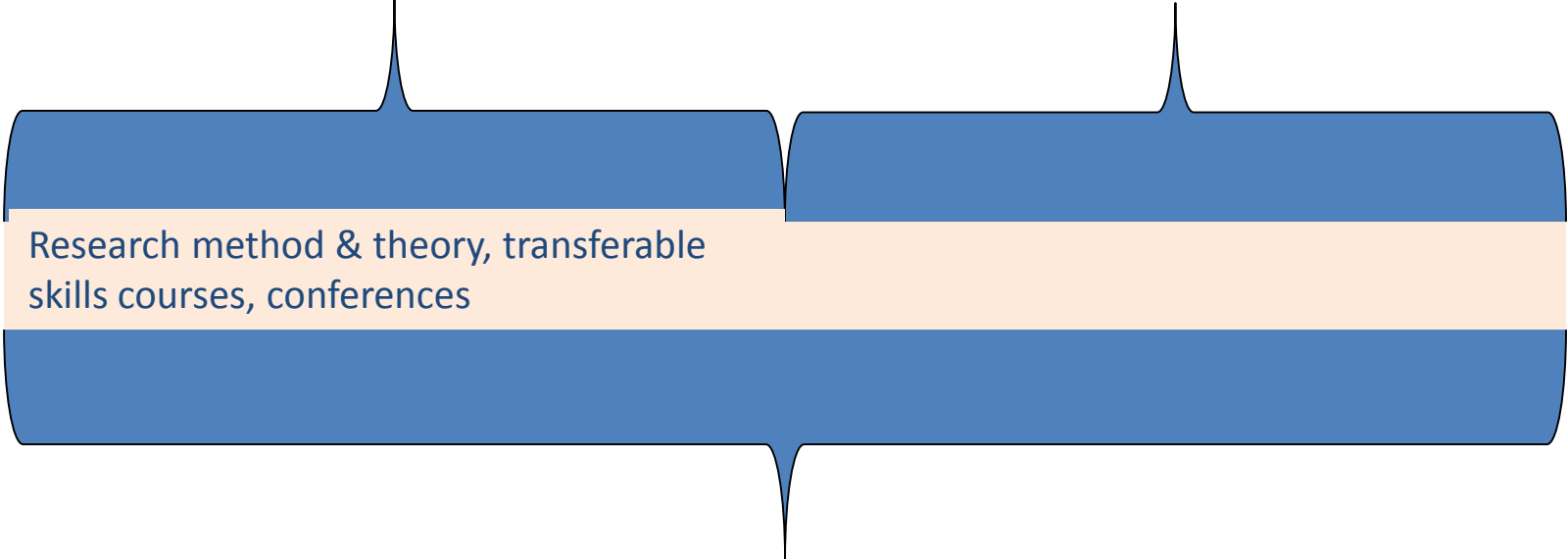
Admission requirements for doctoral programmes

- The student must have accomplished at least 60 credits (one year) on master's level or acquired substantially equivalent knowledge in another way. A graduate degree is formally not required for eligibility.
- According to the Bologna scheme a master's degree is required in order to advance to the doctoral level. (Bologna scheme is 3 + 2 + 3 years) (3 undergraduate + 2 master + 3 PhD)
- *Formally* the scheme in Sweden minimum 3 + 1 + 3 years.
- Most common: 3 + 2 + 4 years.
- *In practice* increasingly a two-year master's degree is required to enter the doctoral program (3 + 2 + 4) which is longer than the Bologna scheme.
- Opportunity to be credited for previous courses with one year to shorten the program.

A Doctoral degree - a four year program

Courses 60 - 120 ECTS credits

Research thesis work
at least 120 ECTS credits



Research method & theory, transferable skills courses, conferences

Four year program - 240 ECTS credits

Resources and Quality in Doctoral Education

- The doctoral candidate is entitled to *supervision*. At least two supervisors appointed for each candidate. Training programs for supervisors.
- The doctoral candidate has to comply with an *individual study* plan - the doctoral student's and the university's undertakings and a timetable for the program. Is reviewed yearly and amended to the extent required.
- Courses - mandatory and elective
- Participation in international activities
- The doctoral thesis is presented and defended orally in public

Study funding

Doctoral positions, the primary method of funding.

- A four year employment for doctoral candidates - full time.
- Payment is 2200 – 2800 USD/month depending on research discipline.
- Prolongation of employment due to illness, leave of absence for service in the defence forces, elected position in a trade union or student organization, parental leave.

Not allowed

- support from another individual or the student's private capital.

Possible

Scholarships from other Universities/organisations.

Intellectual property rights of academic staff

Sweden has a law on intellectual property rights of academic staff. The legislation relating to the right to employee inventions (LAU 1949:345) regulate to which extent the employer may be entitled to take over the rights of an employee's patentable inventions:

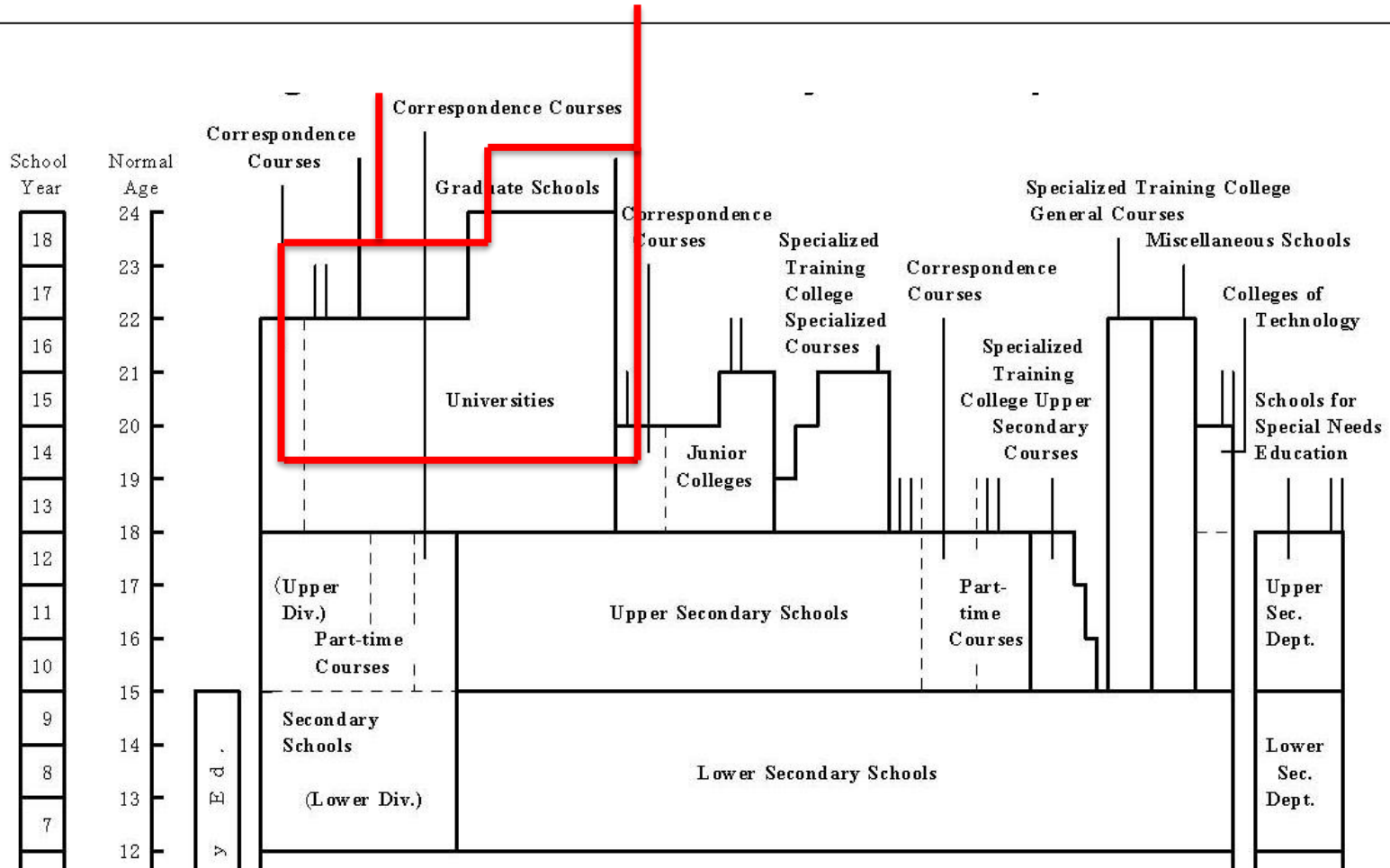
lecturers, researchers and doctoral students own the right to their own research results, even if they are made during working hours.

Career Curriculum

1. PhD Candidate
2. Forskarassistent /Postdoctoral Fellow/Junior Lecturer
3. Lecturer (Junior)
4. Lecturer (Senior)
5. Professor

The average age when finishing the PhD is 35 (41 for students in humanities and social sciences).

The Japanese Education System



Academic Year in Japan

- Most universities have a semester system (2 terms), but some universities will introduce a quarter system (4 terms) in the near future.
- One semester - 15 weeks of class + One examination

Doctoral Candidates 2016

Japan

Active 73,851 (33% women)

Enrolled 14,972 (31% women)

Degrees at Doctoral Level 11,501 (30% women)

Admission requirements for doctoral programs

1. Students with a Japanese master's degree or students with a Japanese professional degree.
2. Students who have been awarded with an overseas degree equivalent to a master's degree or professional degree.
3. Students who have completed graduate programs at education institutions in Japan recognized as having overseas graduate programs and have obtained a degree equivalent to a master's degree or professional degree.
4. Students who have graduated from universities and have been involved in research study at universities or research centers (including overseas universities and research centers) for more than 2 years, and recognized as having academic competency equivalent to persons with a master's degree by the graduate school.
5. Students recognized as having academic abilities equivalent or better than a master's degree or professional degree in an individual entrance qualification examination conducted by the graduate school, and have reached 24 years of age.

Tuition and Study Funding at national universities

1. Registration Fee: JPY 282,000

2. Tuition Fees: JPY 267,900 per semester

*To be paid on a per semester basis.

- Registration and tuition fees are exempted for students receiving the Japanese Government (MEXT) Scholarship .
- Registration and tuition fees can be exempted within the limit of the universities' budget. Eligibility for application, financial situation of the student, and scholastic attainments are considered on the basis of our standards.
- Scholarships
 - Japanese Government (MEXT) Scholarships : JPY 153,000 per month
 - Honors Scholarships (Gakushu Shoreihi) by the Japan Student Service Organization (JASSO) : JPY 65, 000 per month
 - Research Fellowships for Young Scientists by Japan Society for the Promotion of Science (JSPS) : JPY 200,000 per month

Career Curriculum in Japan

1. Doctor's Degree
2. Assistant Professor / Postdoctoral Fellow
3. Associate Professor / Lecturer
4. Professor

Doctorate acquisition rate in the standard term(2012)
:45%

*16% for students in humanities and social sciences

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