



Master Thesis Programm in an undergraduate curriculum: implementation and supervision (descriptive data)

**Monique Dupuis, Jan Breckwoldt,
Rainer Weber, Christian Schirlo**

University of Zurich



Background

Switzerland: 3-cycle curricular system introduced nationwide

Zurich: 2010 first master cycle started
2013 (May) first cohort finished thesis

**Number
of Students:** 200 – 230 per year



Curriculum overview

3.SJ M	«Ärztliches Handeln» Formativ: Logbuch / Mini CEX	Patho	Vorbereitung Eidgen.Prüfung Formativ: Logbuch / Mini CEX	FEHM MC/CSE
2.SJ M	Wahlstudienjahr / clin. practice Logbuch / Mini CEX	Masterarbeit	Logbuch / Mini CEX	
1.SJ M	TB: Psyche / Sinnesorg.-Gesicht / Stoffwechsel / Nervensyst./Alter Mantelstudium		MC	TB: Blut-Neopl./Kinder-Jugend/ Niere/ Haut / Soz.Med/ Notfälle Mantelstudium
3.SJ B	TB: Grundlagen / Atmung / Herz-Kreislauf Mantelstudium	MC	TB: Gastro / Infektion / System- E. / Reprod.-Geb. / Bewegung Mantelstudium	MC
2.SJ B	Humanbiologie I / Physiologie / Anatomie / Biochemie Mantelstudium	MC / prakt.Pr.	Humanbiologie II / Anatomie / Histologie Mantelstudium	MC / prakt.Pr.
1.SJ B	Biomedizinische Basis: Anatomie / Chemie / Physik Studium Generale	MC	Molekul. Zellbiologie I + II, Humanwissenschaften Mantelstudium	MC



Timeline: 450 h work load for thesis (15 ECTS points)
free schedule, during year 3 to 6
(4 weeks especially reserved in year 5)
Deadline: mid-term of year 6

Instruction and teaching tools:

- for students :

- online-plattform for selection of topics
- supervisor: senior faculty / dept. chair
- website (FAQs) plus instructional guide
- seminars, curricularly embedded
(statistics, scientific writing)

- for supervisors

- presentation at faculty conference
- flyers and manuals



Faculty: Authorised Supervisors :

170 full professors, 600 associate professors (TPs),
40 clinical teachers (KDs)

121 Supervisors involved (for 207 Master students)

12 supervised	> 3 theses (maximum = 9)
20 supervised	2-3 theses
89 supervised	1 thesis

Formats of thesis:

- case study / case series
- clinical study
- reviews
- historical studies
- media work



Descriptive data on 1st cohort

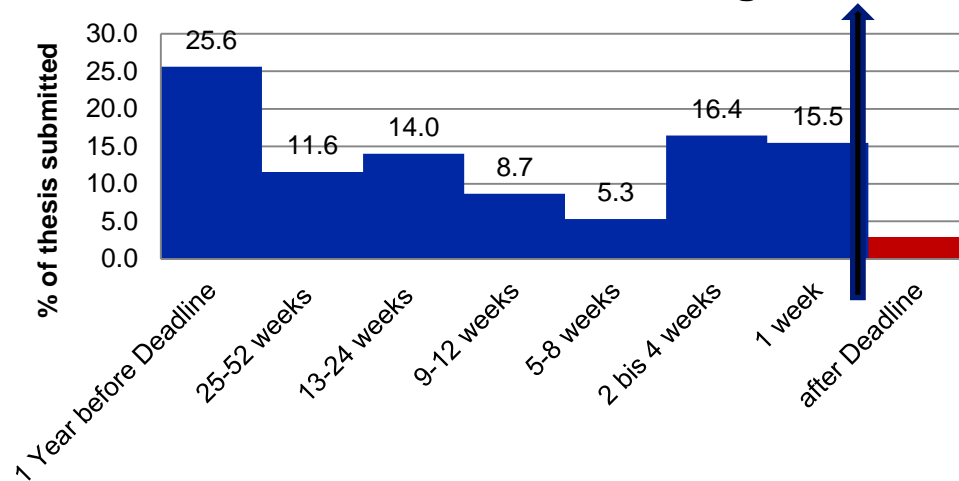
207 Master theses accepted (from 207)

124 female students (59.9%)

83 male students (40.1%)

Time of submission

Submitted thesis before closing dates



5-8 Week = Christmas Holidays



Type of Masterthesis

Clinical study	70
Case series	29
Case report	3
Epidemiology / public health	23
Ethics	2
History of medicine	3
Media work	6
Basic science	29
Animal experimental	6
Study protocol / proposal	2
Methodological work	3
Other	6
Total	207



“Quality” of thesis

22 % (n= 47) thesis designed for publication

43 % (n= 93) thesis rejected at first submission
(2/3 because of formal shortcomings)

**rejection-rate of those designed
for publication: 31% (of n=47)**