

Health and Biosciences Doctoral Programme (HBS-DP)

Terveys- ja biotieteiden tohtoriohjelman

Ritva Saastamoinen & Mirja Peltola

1.2.2017 Info: What's up = Who we are and what we do



Organization of doctoral training from 1.1.2017



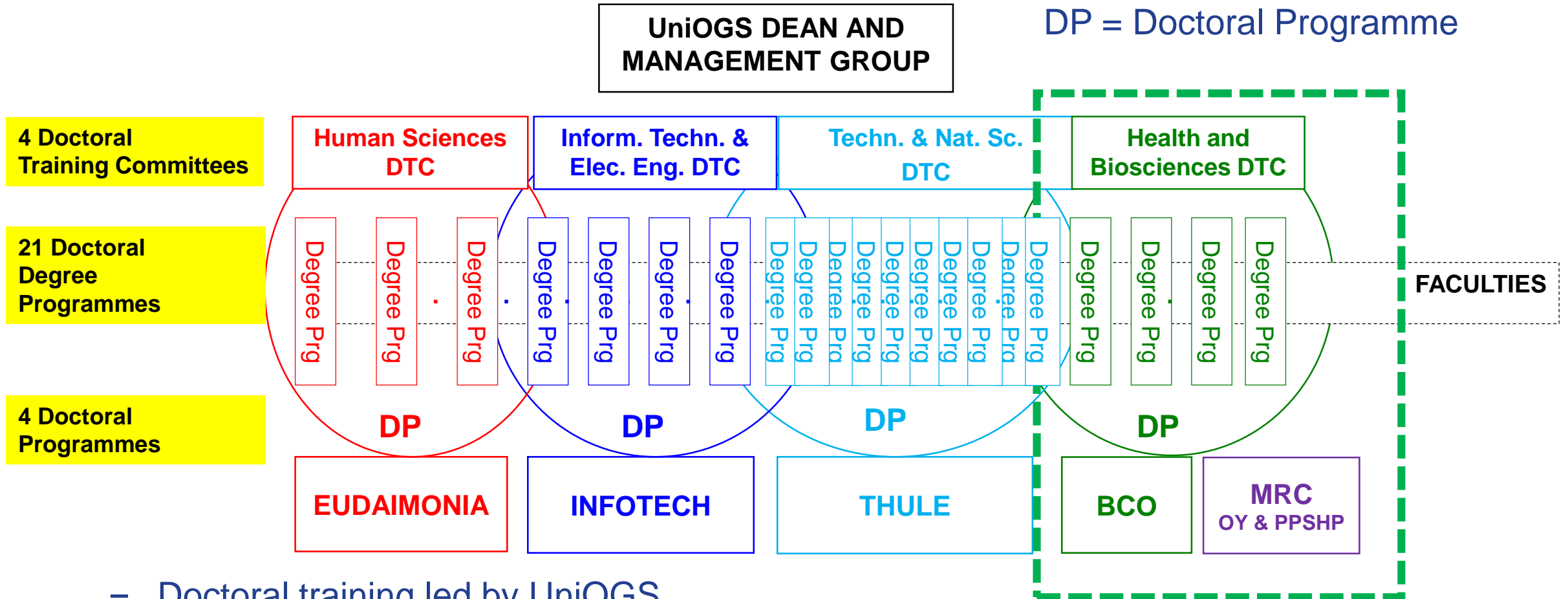
All doctoral candidates, who have been granted study rights in the University of Oulu Graduate School, are registered in one of the four UniOGS Doctoral Training Committees (DTC) and also in the associated Doctoral Programme (DP).

In the field of Health and Biosciences, covering the doctoral training in the Faculty of Medicine and in the Faculty of Biochemistry and Molecular Medicine and some of the Biology doctoral students at the Faculty of Science, this means re-organization of doctoral programmes so that the former two doctoral programmes existing until the end of 2016, those of Biocenter Oulu and Medical Research Center Oulu, have merged to a single new doctoral programme called Health and Biosciences Doctoral Programme (HBS-DP, in Finnish: Terveys- ja biotieteiden tohtorihjelma).



New Organization of Doctoral Training at UO

DTC = Doctoral Training Committee
DP = Doctoral Programme



- Doctoral training led by UniOGS
- Doctoral Programmes part of UniOGS and led by a DTC
- Less players => flatter structure



Doctoral Degree Programmes

Doctoral Degree Programme in

1. **Biology**
2. Physics and astronomy
3. Geosciences and mining
4. Chemistry
5. **Geography**
6. Mathematical sciences
7. Information processing science
8. Architecture
9. Mechanical engineering
10. Process and environmental engineering
11. Electrical engineering
12. Computer science and engineering
13. Industrial engineering
14. Communications engineering
15. **Human sciences**
16. **Education**
17. **Economics**
18. **Health Sciences**
19. **Dentistry**
20. **Medicine**
21. **Biochemistry and Molecular Medicine**

Numbers of Degree Programs per DTC and DP

HBS 4.3
(Health and Biosciences)

HS 3.5
(Human Sciences)

TNS 9.2
(Technology and Natural Sciences)

ITEE 4
(Information Technology and Electrical Engineering)



HBS-DP: To Whom?



All current and new doctoral students in UniOGS Health and Biosciences DTC!

HBS DTC →

Research field and doctoral study rights applied for

11. Doctoral degree to be acquired at University of Oulu

12. Field of the research and Major subject (select a *major subject* from the appropriate FIELD pull-down menu)

HUMAN SCIENCES <input type="text" value="-"/>	TECHNOLOGY & ENGINEERING SCIENCES <input type="text" value="-"/>	MEDICAL SCIENCES <input type="text" value="-"/>
EDUCATION SCIENCES <input type="text" value="-"/>	NATURAL SCIENCES <input type="text" value="-"/>	DENTAL SCIENCES <input type="text" value="-"/>
ECONOMICS & BUSINESS SCIENCES <input type="text" value="-"/>	HEALTH SCIENCES <input type="text" value="-"/>	

Doctoral training environment - please consult your Principal Supervisor for guidance with this section

13. Doctoral Training Committee corresponding to the research field

14. UniOGS Doctoral Programme [DP] if known (see [UniOGS web pages](#) for further information)

[Note: From the currently available UniOGS admission application form; to be updated]



HBS-DP/HBS DTC: Numbers



Active doctoral students:	499
Currently in passive register:	78
% of all UO doctoral students, <u>degrees 2013-2015:</u>	HBS 28%, <u>32%</u> HS 27%, <u>18%</u> TNS 27%, <u>29%</u> ITEE 19%, <u>20%</u>



HBS-DP: What?



Multidisciplinary field-specific training

Wide course and event curriculum open to all (priority to doctoral students)

Fields covered:

Medicine, Biochemistry and Molecular Medicine, Dentistry, Health Sciences, (Biology)

Also cross-disciplinary training, e.g. medicine-ICT

Practical courses, lecture courses, seminars, workshops, conferences

Local, national and international Collaboration

In close cooperation with Doctoral Degree Programmes, researchers and infrastructures

Support for professional development to versatile tasks after doctoral degree



HBS: Responsible people



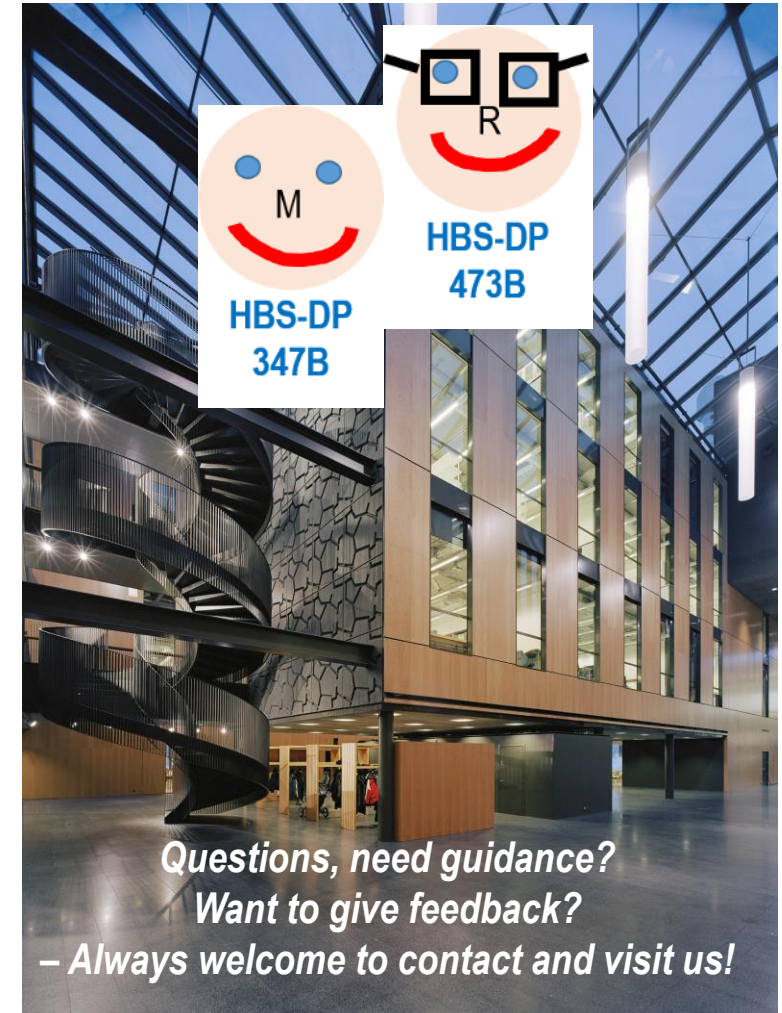
UniOGS Dean	Markku Juntti	Head of UniOGS
UniOGS Vice-Dean	Kaisa Tasanen-Määttä	General training
HBS-DTC Chair	Seppo Alahuhta	Leads HBS-DP
Degree Programme Directors: Medicine Dentistry Biochem & Mol Medicine Health Sciences Biology	Petri Lehenkari (MD) & Jouko Miettunen (PhD) Pekka Ylöstalo Thomas Kietzmann Maria Kääriäinen Laura Kvist	Degree requirements, course curriculum, admin
HBS UniOGS coordinator	Anthony Heape	Guidance, general admin
HBS-DP coordinators	Mirja Peltola & Ritva Saastamoinen	First-hand contact, field specific training
Chief of Postgraduate Education	Sanna Ahonen (Faculty of Medicine, FBMM) Tero Vedenjuoksu (Faculty of Science)	End processes!



Where are we: Everyday contacts in HBS-DP

Doctoral Programme coordinators:

- Mirja Peltola
- Ritva Saastamoinen
- firstname.lastname@oulu.fi



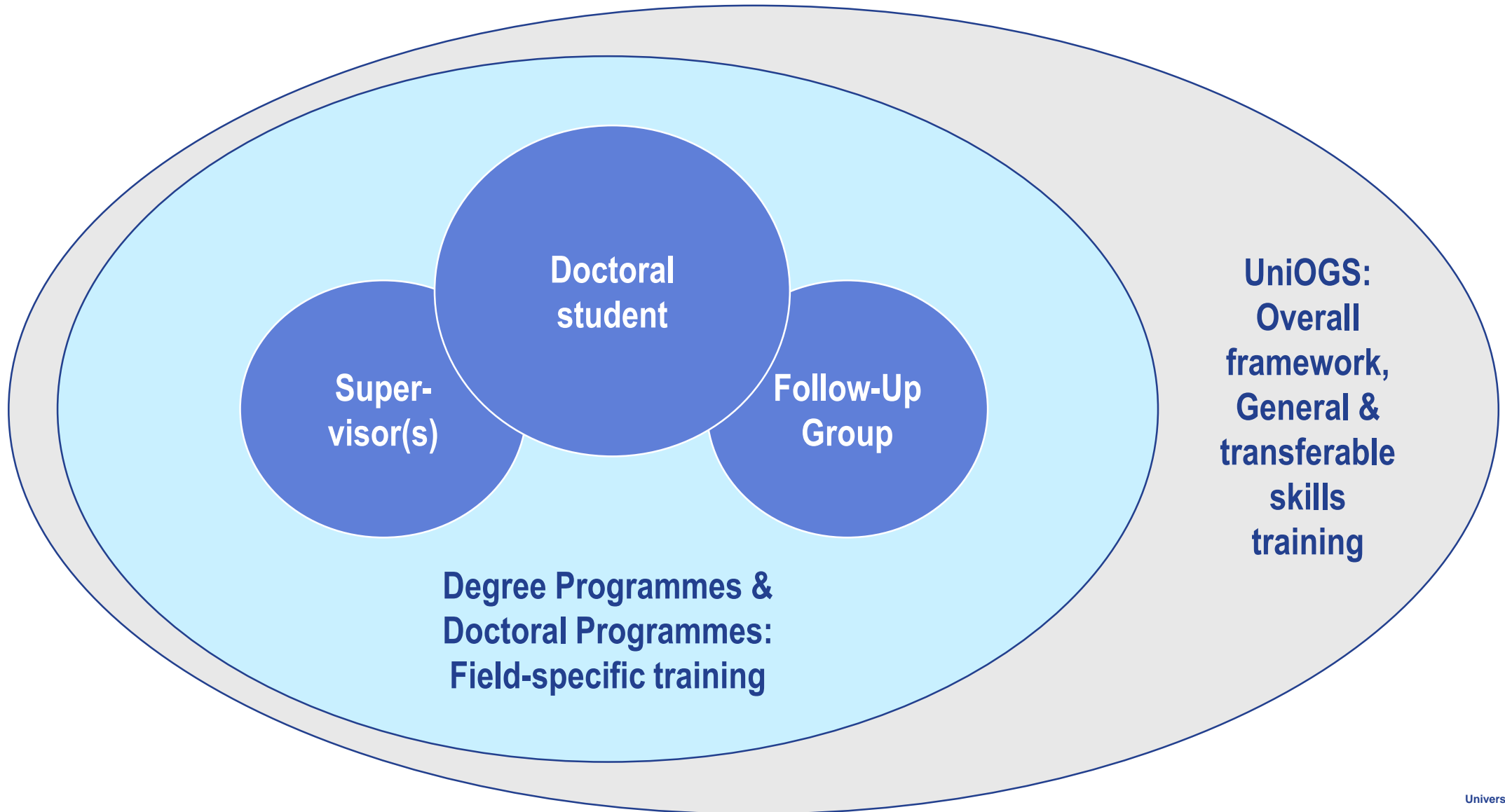


HBS-DP: General issues

www page (under construction)	http://www oulu.fi/uniogs/dp/hbsd p + UniOGS: http://www oulu.fi/uniogs Research centre web pages (MRC Oulu, BCO): http://www oulu.fi/mrc/ http://www oulu.fi/biocenter/
Doctoral students mailing list	hbsd p@lists oulu.fi
Calendar of courses and events	Follow email announcements and www!
Language	Mainly English; some training in Finnish



Key players in doctoral training





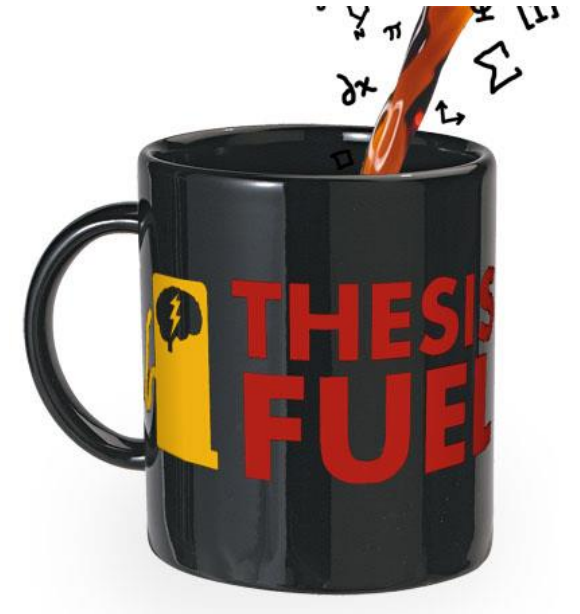
Courses - Individually tailored curriculum

Obligatory studies	➤ Introduction to Doctoral Training (1 ECTS, UniOGS)
	➤ Scientific Research and Ethics (2 ECTS, UniOGS)
	➤ Doctoral training plan (3 ECTS, UniOGS) – During year 1
	➤ Research plan seminar (1 ECTS, HBS-DP) – By the end of year 1
	➤ Annual reporting and follow-up group meetings (1 ECTS, UniOGS)
Optional studies, examples – Take advantage as much as possible!	➤ HBS-DP field-specific training – Calendar of Events!
	➤ Oral and poster presentations in conferences
	➤ UniOGS optional studies (transferable skills, entrepreneurial skills!)
	➤ Courses given by other UO DPs or outside of Oulu (e.g. other Finnish Universities, EMBO)
Total number of credits required for most Degree Programmes/ Majors of HBS-DP students: 20 ECTS	
	➤ General studies: 4 ECTS ➤ Field-specific studies: 16 ECTS



HBS-DP Trainings

- ❖ **Field specific doctoral training:**
 - Practical courses, lecture courses, seminars, symposiums, workshops, conferences, other scientific events
 - Mainly in English, some in Finnish
- ❖ **Collaboration**
 - Local: other UO doctoral programmes and organizations
 - National: National Graduate School of Clinical Investigation (VKTK) network (Helsinki, Turku, Kuopio, Tampere), FinBionet
 - International: NorDoc, Ulm University Germany
- ❖ **Enquiries, feedback, other comments: email to HBS-DP coordinators Mirja and/or Ritva**





HBS-DP Calendar of Events



- ❖ Trainings and events will be/are listed in:
 - (Under construction) HBS-DP website: <http://www oulu fi/uniogs/dp/hbsd p>
 - And at the moment also in:
 - MRC Oulu Calendar of events <http://www oulu fi/mrc/node/24639>
 - BCO Calendar of events <http://www oulu fi/biocenter/calendar-of-events>
- ❖ Training announcements also to:
 - HBS-DP mailing list (HBS-DP doctoral students)
 - Other relevant mailing lists



HBS-DP Tentative curriculum 2017

SPRING 2017

February

- Biocenter Oulu Seminar Series (all term), starting from **Feb 9**
- Chipster RNA seq course, **Feb 14-15**
- Kontinkangas Science Day, **Feb 21**
- HBS-DP Research plan seminar (all term), **Feb 27**
- Remote course on Biostatistics (in Finnish), Feb 1- March 10, *co-operation with clinical doctoral programmes of Helsinki, Turku and Eastern Finland Universities*

March

- HBS PhD Student Satellite Symposium, **March 22**
- BCO Day 2017, **March 23**
- HBS-DP Research plan seminar, **March 27**





HBS-DP Tentative curriculum 2017

SPRING 2017

April

- Scientific Communication course, April 6 - May 2
- HBS-DP Research plan seminar, April 24
- Oulu Biomedicine Network OBI Day, April



May

- Symposium: Molecular studies on lipid metabolism - For better understanding and fostering human health, May 5
- International X-ray Course: X-ray and neutron diffraction studies of macromolecules: from basics to structures, May 15-19
- Advanced SPSS course (in Finnish, Tilastollisten analyysien jatkokurssi SPSS-ohjelmalla), May 22-23
- HBS-DP Research plan seminar, May 29



HBS-DP Seminars

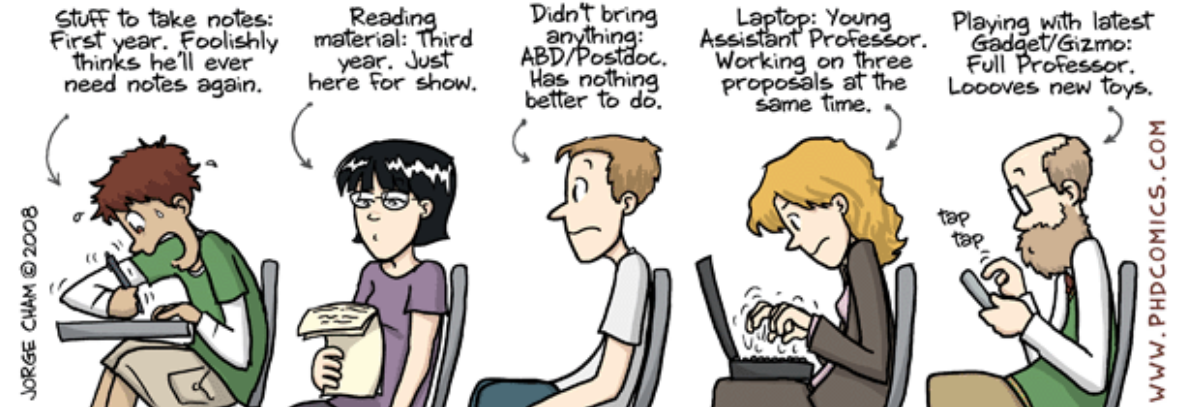
Includes:

- HBS-DP seminars
- Research centre related seminars: MRC Oulu, Biocenter Oulu

Credits:

- Sign up for seminar
- Record the attendance on seminars (date, seminar title, duration, place)
- UniOGS recommendations of ECTS for attendance at scientific seminars: 0,5 ECTS / 10 h

WHAT YOU BROUGHT TO SEMINAR AND WHAT IT SAYS ABOUT YOU:



When?

- HBS-DP Calendar of Events
- HBS-DP email list

Why?

- Not only for ECTS, but also: networking, updating, innovating, collaboration!



Research Plan Seminars

How?

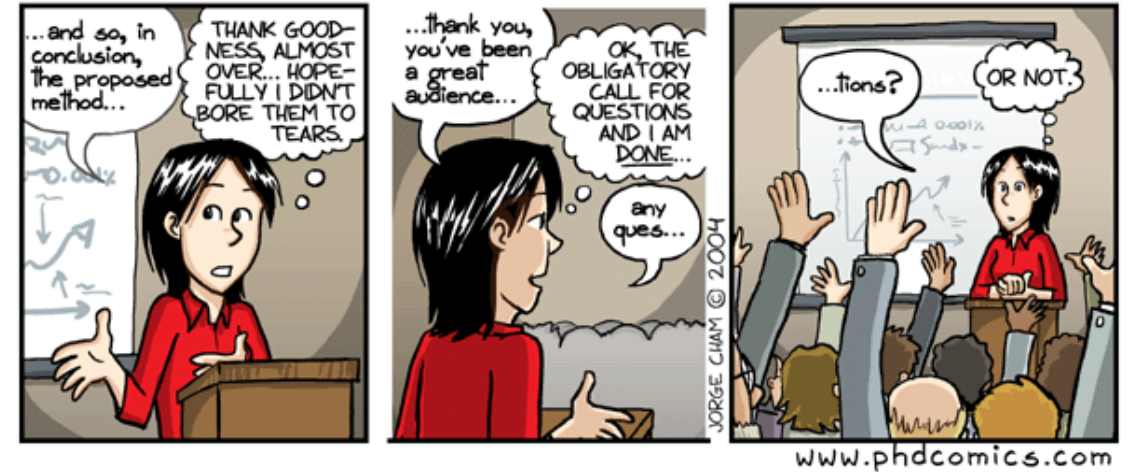
- HBS-DP research plan seminars
- Group/faculty/research unit meetings or seminars

When?

- HBS-DP seminars in spring 2017:
- Jan 23, Feb 27, March 22, April 24, May 29

Why?

- Not only because it's obligatory but also: presentation skills, publish your research, comments, networking, collaboration...

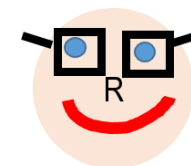
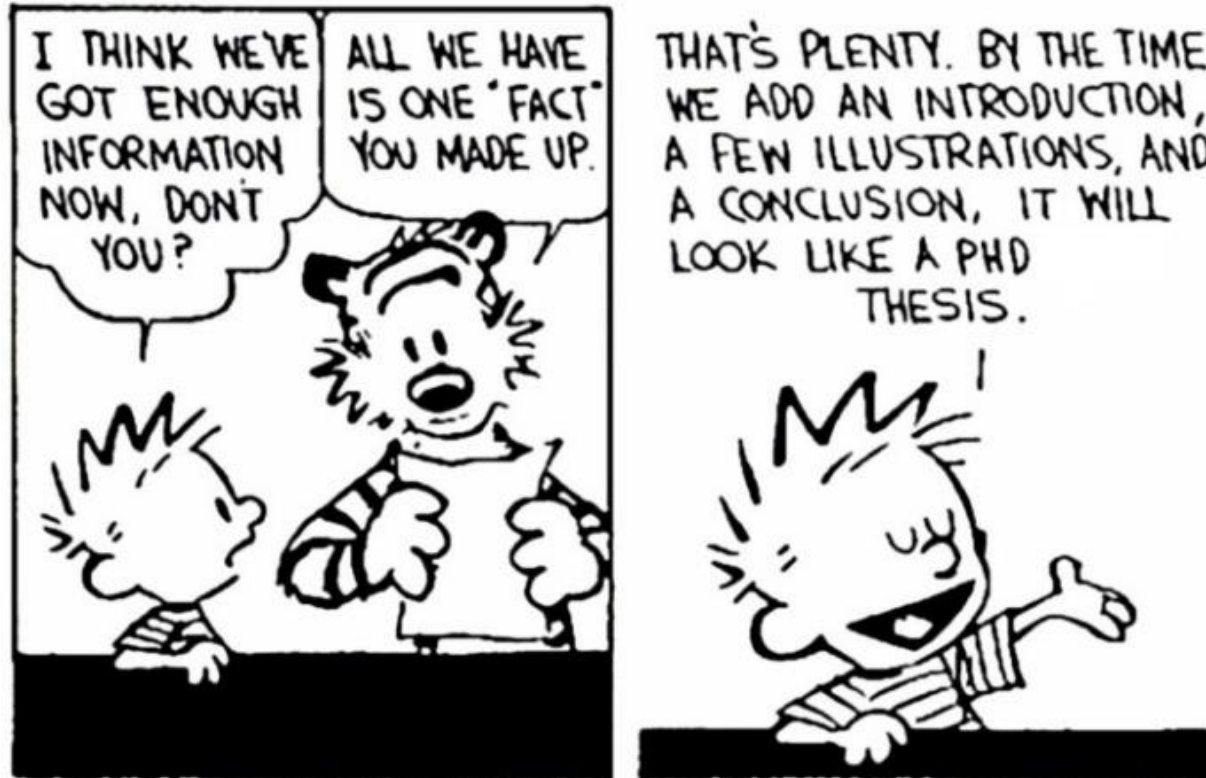


HBS-DP Research Plan seminars:

- 1) Presentations in English
- 2) Supervisors participation
- 3) Registration: via website (Calendar of events) or email to Mirja



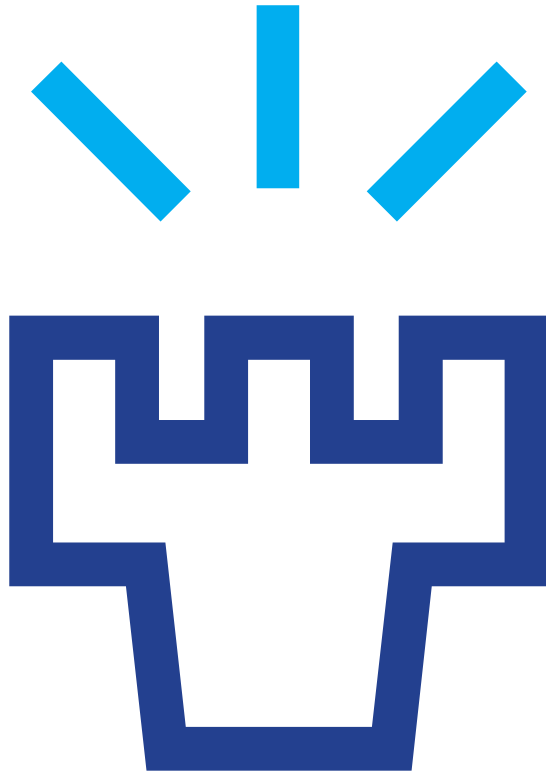
Thanks for your attention! Questions?



HBS-DP
473B



HBS-DP
347B



**UNIVERSITY
OF OULU**