Health and Biosciences Doctoral Programme
(HBS-DP)
Terveys- ja biotieteiden tohtoriohjelma

Ritva Saastamoinen & Mirja Peltola
1.2.2017 Info: What’s up = Who we are and what we do
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 tohtoriohjelma).
New Organization of Doctoral Training at UO

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

DTC = Doctoral Training Committee
DP = Doctoral Programme
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)
All current and new doctoral students in UniOGS Health and Biosciences DTC!

**HBS-DP: To Whom?**

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
- TECHNOLOGY & ENGINEERING SCIENCES
- MEDICAL SCIENCES

- EDUCATION SCIENCES
- NATURAL SCIENCES
- DENTAL SCIENCES

- ECONOMICS & BUSINESS SCIENCES
- HEALTH SCIENCES

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)

Health and Biosciences

[Note: From the currently available UniOGS admission application form; to be updated]
**HBS-DP/HBS DTC: Numbers**

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active doctoral students:</td>
<td>499</td>
</tr>
<tr>
<td>Currently in passive register:</td>
<td>78</td>
</tr>
<tr>
<td>% of all UO doctoral students, <strong>degrees 2013-2015:</strong></td>
<td></td>
</tr>
<tr>
<td>HBS</td>
<td>28%, 32%</td>
</tr>
<tr>
<td>HS</td>
<td>27%, 18%</td>
</tr>
<tr>
<td>TNS</td>
<td>27%, 29%</td>
</tr>
<tr>
<td>ITEE</td>
<td>19%, 20%</td>
</tr>
</tbody>
</table>
## HBS-DP: What?

<table>
<thead>
<tr>
<th>Multidisciplinary field-specific training</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wide course and event curriculum open to all (priority to doctoral students)</td>
</tr>
<tr>
<td>Fields covered:</td>
</tr>
<tr>
<td>Medicine, Biochemistry and Molecular Medicine, Dentistry, Health Sciences, (Biology)</td>
</tr>
<tr>
<td>Also cross-disciplinary training, e.g. medicine-ICT</td>
</tr>
<tr>
<td>Practical courses, lecture courses, seminars, workshops, conferences</td>
</tr>
<tr>
<td>Local, national and international Collaboration</td>
</tr>
<tr>
<td>In close cooperation with Doctoral Degree Programmes, researchers and infrastructures</td>
</tr>
<tr>
<td>Support for professional development to versatile tasks after doctoral degree</td>
</tr>
</tbody>
</table>
# HBS: Responsible people

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniOGS Dean</td>
<td>Markku Juntti</td>
<td>Head of UniOGS</td>
</tr>
<tr>
<td>UniOGS Vice-Dean</td>
<td>Kaisa Tasanen-Määtä</td>
<td>General training</td>
</tr>
<tr>
<td>HBS-DTC Chair</td>
<td>Seppo Alahuhta</td>
<td>Leads HBS-DP</td>
</tr>
<tr>
<td>Degree Programme Directors: Medicine</td>
<td>Petri Lehenkari (MD) &amp; Jouko Miettunen (PhD)</td>
<td>Degree requirements, course curriculum, admin</td>
</tr>
<tr>
<td>Dentistry</td>
<td>Pekka Ylöstalo</td>
<td></td>
</tr>
<tr>
<td>Biochem &amp; Mol Medicine</td>
<td>Thomas Kietzmann</td>
<td></td>
</tr>
<tr>
<td>Health Sciences</td>
<td>Maria Kääriäinen</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>Laura Kvist</td>
<td></td>
</tr>
<tr>
<td>HBS UniOGS coordinator</td>
<td>Anthony Heape</td>
<td>Guidance, general admin</td>
</tr>
<tr>
<td>HBS-DP coordinators</td>
<td>Mirja Peltola &amp; Ritva Saastamoinen</td>
<td>First-hand contact, field specific training</td>
</tr>
<tr>
<td>Chief of Postgraduate Education</td>
<td>Sanna Ahonen (Faculty of Medicine, FBMM)</td>
<td>End processes!</td>
</tr>
<tr>
<td></td>
<td>Tero Vedenjuoksu (Faculty of Science)</td>
<td></td>
</tr>
</tbody>
</table>
Where are we: Everyday contacts in HBS-DP

**Doctoral Programme coordinators:**

- Mirja Peltola
- Ritva Saastamoinen

**firstname.lastname@oulu.fi**

Questions, need guidance?  
Want to give feedback?  
– Always welcome to contact and visit us!
## HBS-DP: General issues

<table>
<thead>
<tr>
<th>www page (under construction)</th>
<th><a href="http://www.oulu.fi/uniogs/dp/hbsdp">http://www.oulu.fi/uniogs/dp/hbsdp</a></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>+</td>
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<tr>
<td>UniOGS:</td>
<td><a href="http://www.oulu.fi/uniogs">http://www.oulu.fi/uniogs</a></td>
</tr>
<tr>
<td>Research centre web pages</td>
<td></td>
</tr>
<tr>
<td>Doctoral students mailing</td>
<td><a href="mailto:hbsdp@lists.oulu.fi">hbsdp@lists.oulu.fi</a></td>
</tr>
<tr>
<td>list</td>
<td></td>
</tr>
<tr>
<td>Calendar of courses and</td>
<td>Follow email announcements and www!</td>
</tr>
<tr>
<td>events</td>
<td></td>
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<tr>
<td>Language</td>
<td>Mainly English; some training in Finnish</td>
</tr>
</tbody>
</table>
Key players in doctoral training

- **Supervisor(s)**
- **Doctoral student**
- **Follow-Up Group**
- **Degree Programmes & Doctoral Programmes: Field-specific training**
- **UniOGS: Overall framework, General & transferable skills training**
### Courses - Individually tailored curriculum

<table>
<thead>
<tr>
<th>Obligatory studies</th>
<th></th>
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<tbody>
<tr>
<td>➢ Introduction to Doctoral Training (1 ECTS, UniOGS)</td>
<td></td>
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<tr>
<td>➢ Scientific Research and Ethics (2 ECTS, UniOGS)</td>
<td></td>
</tr>
<tr>
<td>➢ Doctoral training plan (3 ECTS, UniOGS) – During year 1</td>
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<tr>
<td>➢ Research plan seminar (1 ECTS, HBS-DP) – By the end of year 1</td>
<td></td>
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<tr>
<td>➢ Annual reporting and follow-up group meetings (1 ECTS, UniOGS)</td>
<td></td>
</tr>
<tr>
<td><strong>Optional studies, examples</strong></td>
<td><strong>Take advantage as much as possible!</strong></td>
</tr>
<tr>
<td>➢ HBS-DP field-specific training – Calendar of Events!</td>
<td></td>
</tr>
<tr>
<td>➢ Oral and poster presentations in conferences</td>
<td></td>
</tr>
<tr>
<td>➢ UniOGS optional studies (transferable skills, entrepreneurial skills!)</td>
<td></td>
</tr>
<tr>
<td>➢ Courses given by other UO DPs or outside of Oulu (e.g. other Finnish Universities, EMBO)</td>
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**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/hbsdp
  - 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 BioImaging 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

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?