

- Boundary spanning courses/programs

### **Report 3. Development of programmes than span across faculty/domain borders**

*Disciplinary domain: Theology*

*Faculty: Theology*

*Department: Theology*

#### **What boundary spanning courses/programmes are you responsible for/do you contribute to?**

- The Faculty of Theology has an ongoing constructive cooperation with the teacher education at the Faculty of Educational Sciences at Uppsala University (different educational programs at different educational levels, common responsibility for aspiring teacher's internship etc).
- The Faculty of Theology has a well-established interdisciplinary cooperation with other faculties at the University of Uppsala within three of our Master programs: Master program in Euroculture, Master program in International Humanitarian Action and Master program in Human Rights. This very semester we have inaugurated something totally new. The Department of Theology has employed a legal scholar (75%) placed at our department, in order to contribute to teaching, supervising and examining at the three master programs just mentioned.
- The Faculty of Theology is collaborating with the Forum for German Studies at Uppsala University (e.g. we are offering a special theological course in direct relation to German Studies, namely "Religion and society in Germany and Sweden during the 20th century and today", 7,5 hp).
- The Faculty of Theology has launched a unique investment in a new field of research and education: *Islamic Theology and Philosophy*. During the coming academic year 2012/2013 we offer four new courses where scholars from other disciplines will participate as well as some of our own professors and lecturers (e.g. there will be legal scholars and scholars of history of ideas involved in these courses). These courses are, among other things, aiming to attract radically new and different student groups.
- The Department of Theology has established contacts with the Department of History of ideas at Uppsala University and developed a course focusing ideologies of hatred: "Ideologies of Hate: anti-Semitism, antiziganism, homophobia and islamophobia" (15 hp), starting autumn 2012.
- The Department of Theology has also developed another course in cooperation beyond our own disciplinary research domain, namely "Medieval Studies" (15 hp). Except our theological scholars there are e.g. historians and archaeologists participating in the planning, teaching and examination of this course. This course also starts in the autumn of 2012.

#### **Describe potentials for future boundary spanning courses/programmes.**

- The Faculty of Theology is eager to maintain the prosperous interdisciplinary perspectives, contacts and employers that characterize our three Master programs mentioned above. In relation to the course “Medieval Studies” it is worth mentioning our expectations on an extended cooperation with the Gotland University (Uppsala University).
- The Faculty of Theology is about to establish new contacts with different research disciplines, at an advanced level, namely: Master program of Southeast Europe (contact: Jelena Spasenic), Master program of Oriental Studies (contact: Annette Månsson) and Master program of Southeast Asia (contact: Ferdinando) to ensure the continuity and progression within our projects.

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## The KrUUt/CrED Follow-up 2012

### **Report 3. Development of programmes than span across faculty/domain borders**

*Disciplinary domain: Humanities and Social Science*

*Faculty: Law*

*Department: Law*

#### **1. What boundary spanning courses/programmes are you responsible for/do you contribute to?**

We contribute to various programmes and courses at different Departments at the University. During the current academic year we contribute to the following to the following programmes by being responsible for course modules or other form of teaching:

- Human Rights and Globalization, Department of Theology;
- Master Programme in Euroculture, Department of Theology;
- Master Programme in International Humanitarian Action, Department of Theology;
- Social Work Programme, Department of Sociology;

We also contribute to the European Master's Degree in Human Rights and Democratization, EIUUC, European Inter- University Centre for Human Rights and Democratization, Venice.

We admit non-law students to different courses offered by the Department. The number and subject of the courses varies from year to year. During the current academic year we offer the following courses to students not enrolled in the law programme:

- Labor Law
- Childrens rights
- Value Added Tax and Income Tax in Companies
- International Organizations
- Environmental Law

#### **2. Describe potentials for future boundary spanning courses/programmes.**

There are legal aspects in most subjects that can be developed into courses or other forms of cooperation. The researchers at the Faculty have broad contact networks that provide potential for future development of interdisciplinary courses and programs. We are continuously investigating opportunities to develop boundary spanning courses and are regularly approached by other departments wishing to cooperate. The possibility to further develop cooperation with other departments is thus good.

### **Report 3. Development of programmes that span across faculty/domain borders**

*Disciplinary domain: Humanities and Social Sciences*

*Faculty: of Arts*

*Department:*

- 1. What boundary-spanning courses/programmes are you responsible for/do you contribute to?** Several courses and programmes within the Faculty of Arts have trans-disciplinary elements or features, and it has been standard practice in the Faculty to integrate the development of such courses and programmes as part of the normal functioning of its departments. Two notable examples *inter alia* are *Civilingenjörsprogrammet i system i teknik och samhälle* (the engineering program known also as Systems in Technology and Society or STS) and courses such as *Retorik för naturvetare och tekniker* (Rhetoric for Natural Scientists and Technicians)

More recently, other new trans-disciplinary programs have been launched. In the fall term of 2011, a master's degree programme in Holocaust and Genocide studies was started, with Holocaust and Genocide studies as a major. The programme is hosted by the Hugo Valentin Centre and is open to students from the entire Disciplinary Domain of Humanities and Social Sciences. The programme attracts students from law, sociology, anthropology, and history, as well as other disciplines.

In May 2012, the Faculty initiated two new master's degree programmes with broad trans-disciplinarity.. They were developed with support from the Board of the Disciplinary Domain of Humanities and Social Sciences with funds earmarked for the explicit task of increasing collaboration over departmental and faculty borders . The Faculty of Arts is now requesting that the Vice-Chancellor establish the two programmes: a master's degree programme in Scandinavian Studies and a master's degree program in Global Environmental History, both with the respective subjects as majors.

Scandinavian Studies is a result of collaboration between the Department of Literature in the Faculty of Arts and the Department of Nordic Languages in the Faculty of Languages. The programme will be taught in Swedish, and will be aimed at international students with a bachelor's degree in Scandinavian literature or languages. The purpose of the programme is to deepen the students' understanding of Scandinavian culture, society and languages by providing them with insight into how the different aspects are related.

The master's degree programme in Global Environmental History involves 5 departments and a research center at Uppsala University together with a department at the University for Agriculture (SLU). The collaboration brings together four different faculties at within two disciplinary domains at Uppsala University. The participating departments are: Archeology and Ancient history, History, Economic History, Art History, Cultural Geography, the Uppsala Centre for Sustainable Development and the department of Rural

and Urban Development at SLU. The programme is taught in English and will be open to students from both the Disciplinary Domain of Humanities and Social sciences as well as the Disciplinary Domain of Natural Sciences and Technology. The purpose of the program is to provide the students with a broader and deeper understanding of man's interaction with nature and its effect on the environment as well as society.

## **2. Describe potentials for future boundary spanning courses/programmes.**

There are many ideas being discussed. One of the most interesting at the moment is the idea of establishing a broad Liberal Arts bachelor's degree programme. The program would involve all three disciplinary domains. The basic idea is to provide the students with a teaching and tutoring-intensive introduction to the different fields and facets of human knowledge during a first year at the Uppsala University campus on the island of Gotland. After the first year, the students would be given the chance to deepen their studies within a field of their own choosing as a major for their bachelor's degree.

### **Report 3. Development of programmes than span across faculty/domain borders**

*Disciplinary domain: Languages with different combinations*

*Faculty: Faculty of Languages*

*Departments: Department of Nordic Languages, Department of Linguistics and Philology, Department of Modern Languages, English Department*

#### **1. What boundary spanning courses/programmes are you responsible for/do you contribute to?**

- a) The faculty of languages are responsible for the following boundary spanning programmes (only programmes that has some elements of spanning faculty borders are listed; a large number of courses as well as programmes within the faculty span over several language subjects. Among the boundary spanning activities can also be included the Hugo Valentin Centre, jointly with the Historical-Philosophical Faculty)
  - Early languages and cultures (Department of Linguistics and Philology responsible with several subjects involved; other departments within the faculty, as well as the Historical-Philosophical faculty participates)
  - Oriental studies programme (Arabic, Persian, Turkic, Hindi; Department of Linguistics and Philology responsible, cooperation with Political Science. Area studies combining language with area knowledge – religion, social structure, political science, history, economy – of the area ranging from North Africa to India.
  - Language Technology Programme (Department of Linguistics and Philology, the core has elements of language as well as computer science end electives in this; main subjects Linguistics, Computational Linguistics; both bachelor and master's level)
  - Language Programme (bachelor and master's level) – primarily within the faculty, but spans over the entire range of the faculty.
  - Master's Programme in German Studies (subjects from different faculties relating to this are involved)
- b) In addition to the above, the faculty of Languages participates in the following programmes
  - Teacher education (Faculty of Education)
  - Speech and Language Therapy (Faculty of Medicine responsible, from the faculty of languages primarily Linguistics is involved. Some lectures and seminars and degree projects have involved individual languages)
  - Classical Studies (Historical-Philosophical faculty responsible, primarily cooperation between Archeology (Antique Cultures), Greek and Latin

## **2. Describe potentials for future boundary spanning courses/programmes.**

The suggestions below are on courses/programmes that could span over faculty borders. Within the faculty focus is set on developing master's courses on theory and method that can be applied to many of the research areas within the faculty. A particular focus area is literature, which also would include closer cooperation with the Department of Literature, Historical-Philosophical Faculty.

- a) Area studies, combining languages with theoretical knowledge of a geographic area. Already in planning is a study programme on Master's level focusing on Scandinavia (cooperation between Department of Nordic Languages, Faculty of Languages, and Literature, Historical-Philosophical Faculty). Other areas of interest would relate to a number of centres or forum that has developed – as China Studies, South Asia, Africa, Latin America, Russia etc. Another area of interest is South East Europe.
- b) Closer cooperation with the faculty of theology, for instance within the field relating to the Islamic world as well as Judaism, where there are overlapping interests
- c) Combining languages with media studies would in some cases be of particular interest, in particular in view of the development of social media. Chinese and Semitic Languages (Arabic) are two examples, where research might be developed.
- d) Language and aspects of aging. The faculty is currently initiating a research within this field with the direct aim of having broader research cooperation. An extension of this could be developing courses, aimed at active professionals, i.e. on master's levels, with a focus on the role of ageing in relation to for example a multi-lingual setting
- e) Courses on “Classical languages” in medicine and technology are already available, though not included in programmes.



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### **Report 3. Development of programmes that span across faculty/domain borders**

*Disciplinary domain: Humanities and Social Sciences*

*Faculty: Social Sciences*

*Department:*

#### **1. What boundary spanning courses/programmes are you responsible for/do you contribute to?**

The Faculty of Social Sciences is responsible for the following programmes that span across faculty/domain borders:

Master Programme in Human-Computer Interaction (together with the Faculty of Science and Technology)

Programme for Clinical Dietitians (with courses given by the the Faculty of Medicine)

Master Programme in Geography (with courses in collaboration with the Faculty of Science and Technology)

Bachelor Programme in Human Resource Management and Working Life (with courses given by the Faculty of Educational Sciences)

The Social Work Programme (with courses given by the Faculty of Medicine and the Faculty of Law)

Master Programme in Accounting, Auditing and Analysis (together with Stockholm University)

The Faculty of Social Sciences contributes to the following programmes that span across faculty/domain borders:

The Bachelor Programme in History (Economic History is one of the subjects within the programme)

Kandidatprogrammet i kultur- och samhällsanalys (Department of Government)

**Master Programme in Sociotechnical Systems Engineering (several departments within the faculty give courses within this programme)**

Teacher Education Programmes (many of the departments within the faculty are involved in the Teacher Educations Programmes)

Within many of the programmes offered by other faculties students choose to study subjects within the Faculty of Social Sciences (e.g. Business Studies).

## **2. Describe potentials for future boundary spanning courses/programmes.**

The greatest obstacle for creating boundary spanning courses/programmes is the economic situation. The faculty will probably have fewer students because of less money. The result will probably be that we will not afford to create boundary spanning courses/programmes.

### **Report 3. Development of programmes than span across faculty/domain borders**

*Disciplinary domain:*

*Faculty: Faculty of educational sciences*

*Department: Department of education*

#### **1. What boundary spanning courses/programmes are you responsible for/do you contribute to?**

The teacher education programs, the personal administrative program, the nursing program. The faculty of education also provide designed courses for persons working in psychiatric care and leaders in churches. The research group working with education and sustainable development is starting a series of seminars for postgraduate students spanning over different faculties and departments. The university have also supplied grants to develop a collaboration between the department and the centre of subject didactics of physics and the department of gender studies.

#### **2. Describe potentials for future boundary spanning courses/programmes.**

The department has started collaboration with the Swedish Public Employment Service and the Military authority with the aim to develop courses especially relevant in the perspective of these organisations.

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### Report 3. Development of programs than span across faculty/domain borders

#### *Disciplinary domain: Medicine & Pharmacy*

Teachers from the two faculties are involved in each other's teaching.

#### 1. What boundary spanning courses/programs are you responsible for/do you contribute to?

##### Faculty of Medicine responsibility for courses or part of courses at the Faculty of pharmacy:

Course	Program
Molecular genetics	M Sc in Pharmacy 300hp
Microbiology & immunology	
Physiology	
Genetics & molecular biology	B Sc in Pharmacy
Infection biology	
Physiology	

##### Faculty of Pharmacy responsibility for courses or part of courses at the Faculty of medicine:

Course	Program
General biophysical chemistry	B Sc in Biomedicine
Organic & medicinal chemistry	
Analytical chemistry & toxicology	M Sc in Forensic Science
Drug discovery & development	M Sc in Biomedicine
Antimicrobial therapy	M Sc in Infection Biology

##### Other faculties' responsibility for courses or part of courses at the Faculty of Medicine:

Course	Faculty	Program
Developmental psychology	Social sciences (Psychology)	Speech therapists
Cognition & learning		
Neuropsychology I		
Neuropsychology II		
Statistics and critical review		
Linguistics I	Languages (Linguistics)	Speech therapists
Linguistics II		
Phonetics I		
Phonetics II		
Neurolinguistics I		
Neurolinguistics II		
Voice analysis		
Computer analysis of speech and language		

Medical law	Law	
Physical chemistry	Science & technology (Chemistry)	M Sc in Forensic Science
Health psychology	Social sciences (Psychology)	B Sc in Physiotherapy
Interaction & communication		
Medical law	Law	
Communication, reflection & supervision	Educational sciences (Pedagogics)	B Sc in Nursing
Organization & leadership		
Medical law	Law	
Organization & leadership	Educational sciences (Pedagogics)	B Sc in Diagnostic Radiology Nursing
Medical law	Law	M Sc in Medicine
Drug design	Science & technology (Chemistry)	M Sc in Infection Biology
Entrepreneurship	Science & technology	M Sc in Biomedicine
Bioinformatics	Science & technology (Biology)	M Sc in Infection Biology

**The Faculty of Medicine and the Faculty of Pharmacy are responsible for courses or part of courses at the faculties at Uppsala University:**

Course	Faculty	Program
Medical physiology	Medicine	B Sc in Dietetics (Faculty of Social sciences)
Courses in drug discovery & development year 3-5	Pharmacy	M Sc in Engineering (Faculty of Science & technology)

#### **Collaboration with other universities:**

Part of semester 1-6	Mittuniversitetet	B Sc in Biomedical Laboratory Science
Veterinary infection biology	Swedish University of Agricultural Sciences	M Sc in Infection Biology
Epidemiology, zoonoses and surveillance	Swedish University of Agricultural Sciences	M Sc in Infection Biology
Criminology	Stockholm University	M Sc in Forensic Science

## **2. Describe potentials for future boundary spanning courses/programs**

B Sc in Biomedical Laboratory Science is planning to start a collaboration with the collage of Gävle with start 2014.

Due to the merge between Uppsala University and the collage of Gotland B Sc in Nursing might give the education at Gotland, which the Karolinska institute is responsible for today.

## The KrUUt/CrED Follow-up 2012

### Report 3. Development of programmes than span across faculty/domain borders

*Disciplinary domain:* Science and Technology

*Faculty:* Faculty of Science and Technology

#### 1. What boundary spanning courses/programmes are you responsible for/do you contribute to?

Some examples:

- The centre for sustainable development see <http://csduppsala.se/en/> is cross disciplinary and spans across faculty/domains and is a collaboration with SLU (Swedish University of Agricultural sciences). For educations see <http://csduppsala.se/en/education/> and in particular the attractive masters programme <http://www.uu.se/en/education/master/selma/program/?pKod=THU2M&lasar=12/13>
- An interdisciplinary education that spans engineering, economics, cultural history, business management, environmental techniques etc. is the Masters Programme in Sociotechnical Systems Engineering [http://www.teknat.uu.se/student/studieinformation/Utbildnings-%2C+studie-+och+kursplaner/Utbildnings-+och+studieplaner/2011\\_2012/STS/?languageId=1](http://www.teknat.uu.se/student/studieinformation/Utbildnings-%2C+studie-+och+kursplaner/Utbildnings-+och+studieplaner/2011_2012/STS/?languageId=1)
- There is a school of entrepreneurship with educations available particularly for students in science and engineering see “Entreprenörsskolan” <http://www.teknik.uu.se/entreprenorskolan/>. There is a strong emphasis on innovative projects and business development.
- For students within science and technology the following courses that span across faculty borders are offered: [http://www.teknat.uu.se/student/studieinformation/Programovergripande\\_kurser/](http://www.teknat.uu.se/student/studieinformation/Programovergripande_kurser/)
- There are many options for courses spanning across faculty borders, for instance medicine and biology. Business, mathematics are also fields with cross over options. Furthermore, there are courses in Environmental law for natural scientists: <http://www.uu.se/en/education/master/selma/kurser/?kKod=1BG423&lasar=10/11&typ=1>

#### 2. Describe potentials for future boundary spanning courses/programmes.

At Uppsala University there are multiple options for broad University educations and with growing interdisciplinary interest and interdisciplinary research the potentials for the future is promising. The merge with campus Gotland may be an additional opening for more boundary spanning educations. Our ambitions for a broad University are also strategically pronounced.