



UPPSALA  
UNIVERSITET



# ***Baltic University Programme (BUP) and its activities - especially the work with policy issues on sustainable development***

**University of Latvia 9 December 2008**

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Director**

**The Baltic University Programme  
Uppsala University**

# CSD Uppsala

Centre for Sustainable Development Uppsala

**Baltic University Programme**



[www.csduppsala.uu.se](http://www.csduppsala.uu.se)

[www.balticuniv.uu.se](http://www.balticuniv.uu.se)

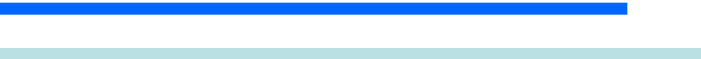


# The Baltic University Programme

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- a network of 220 universities & institutes of higher learning;
- initiated in 1991;
- 14 countries in the Baltic Sea Basin
- 15 regional centres
- 1.500 teachers/researchers contributed
- 9.500 students yearly
- coordinated by a Secretariat at Uppsala University, Sweden;
- focuses on **sustainable development, environmental protection & democracy**;



Locations where  
one or more  
universities  
participate





# The Baltic University Programme

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## Activity areas

- education
- research
- information
- outreach activities & applied projects



# The Baltic University Programme

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## Courses

1. Basic, undergraduate courses
2. Specialisation, master courses
3. Competence development for professionals

- *interdisciplinary*
- *based on research*
- *English language*

- *problem oriented*
- *interactive*
- *international diploma*



# Character of BUP courses

**BUP attempts to contribute to a BSR higher education area. The same course is offered at different universities, and may be equivalized by credit transfers (ECTS).**

**ICT is used for cooperation and mass scale “virtual mobility”. Distance lectures, audio and video conferences are promoted.**

**BUP courses develops a competence not provided by the normal curriculum. They address regional development, use a systems approach (interdisciplinary) and promote regional understanding.**

**The courses are often connected to applied projects in cooperation with other actors in society. They ask for problem solving and practical results.**

# The Baltic University Programme Undergraduate courses

## Environmental Science courses

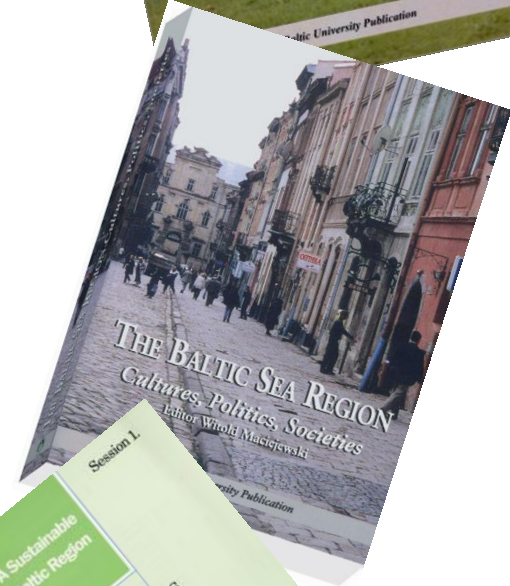
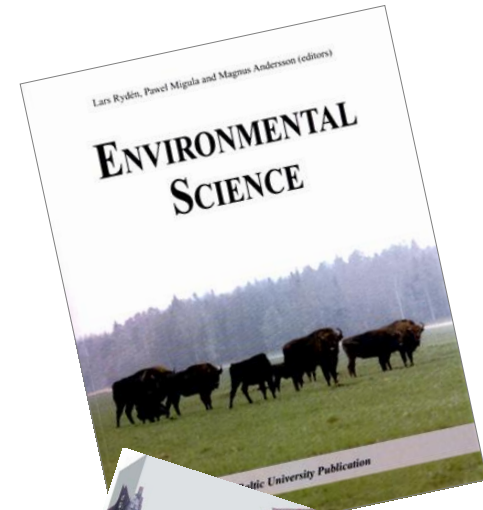
1. The Baltic Sea Environment
2. Environmental Science
3. English for Environmental Science

## The Baltic Sea Region (area studies) courses

1. The Baltic Sea Region – Cultures, Politics, Societies
2. Peoples of the Baltic
3. Regional Development and the Baltic Sea Region

## Sustainable Development course

1. A Sustainable Baltic Region





# The Baltic University Programme

## Master courses

### Water Management courses

1. Sustainable Water Management in Baltic Sea Region
2. The Baltic Waterscape
3. The Use and Management of Water
4. River Basin Management



### Environmental Management courses

1. Policy Instruments for Environmental Management
2. Cleaner Production & Technologies
3. Product Design & Life Cycle Techniques
4. Environmental Management Systems & Certification



### Sustainable community development courses

1. The city
2. Building sustainable communities
3. Sustainable Urban Management



# The Baltic University Programme

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## Creating a rich learning environment

- University based lectures, seminars
- Textbooks
- TV programs
- International seminars using ICT
  - Audio conferences
  - Computer conferences
  - Video conferences
- Internet resources
  - cases, databases etc
- The network





# The Baltic University Programme



## Borki Student Conferences and Student Parliament





# The Baltic University Programme

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## Student Summer Sailing and Courses





# BUP PROJECTS

- a) Environmental Management Systems & industry cooperation;
- b) Sustainment projects & cities cooperation;
- c) Baltic 21 (Agenda 21 for the Baltic Sea region);
- d) Ecosystem Health and Sustainable Agriculture;
- e) University networking in the Lake Victoria Region;
- f) ESD book with good examples from BSR;
- g) Sustainability Applied in International Learning SAIL;
- h) Mazury Lakes;
- i) ESD course in Uppsala with Greek and BSR Teachers;
- j) ESD course for Russia with the Swedish Environmental Protection Agency (SEPA);
- k) Latvian project on EE & ESD for higher education

# Education for Sustainable Development

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- Cooperation with the Ministries of Education in the BSR
- Baltic 21 Education Sector
- **Portal for ESD** (Education for Sustainable Development)
- 5 teachers conferences (2004, 2005, 2006, 2007, 2008) on ESD organised together with Åbo Academy
- Strategic partner on ESD at CBSS





# **BUP Teachers Trainings on ESD - Themes**

- 2008- Intercultural communication
- 2007- Tools for sustainability – the Accelerator; Corporate Social Responsibility (CSR)
- 2006- University ESD
- 2005 -University ESD
- 2004- University ESD

# *Training in ESD through an interregional perspective- The Baltic Sea & Mediterranean regions*

- Teacher training course 6-11 October 2008
- BSR financed from Sida Baltic Sea Unit
- Greek participants financed from Leonardo da Vinci
- 36 participants:
  - 14 participants from Greece
  - 1 from Belarus
  - 1 from Estonia
  - 3 from Finland
  - 1 from Latvia
  - 1 from Lithuania
  - 10 from Poland
  - 2 from Russia
  - 2 from Slovak republic
  - 1 from Sweden
  - 2 from Ukraine
- Course was a success – very satisfied participants
- High level of speakers and high level of participants
- Good discussions





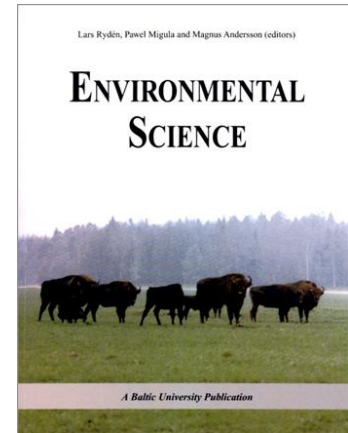


# The Baltic University Programme

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## Environmental Science courses

*Undergraduate level courses*



### Course contents:

- Comprehensive knowledge on the Baltic Sea region environment & management & protection;
- Sciences (biology, geology, chemistry, engineering etc.), social sciences (economics, law, political sciences, international relations, etc.) & management;

**Environmental Science** ES (15 ECTS):

1. **The Baltic Sea Environment** ES1 (7.5 ECTS);
2. **Basic Environmental Science** ES2 (7.5 ECTS).

&

**English for Environmental Science** EES

# The Baltic University Programme

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## Water Management courses

*Master level courses*



*Sustainable water management in the Baltic Sea Region.*

### **Sustainable Water Management** - SW (15 ECTS):

1. **The Baltic waterscape** SW1 (4.5 ECTS) – hydrology, water quantity & quality
2. **The Use and Management of Water** SW2 (4.5 ECTS) – water management in agriculture, cities & industry
3. **River Basin Management** SW3 (6 ECTS) – water & cities, transport, fishing, tourism & environmental protection, institutions & law, management plans, water conflicts, international co-operation.

# The Baltic University Programme

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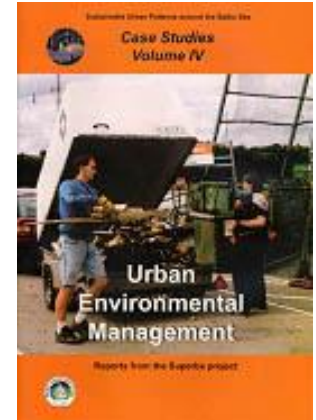
## Community Development Courses

*Master level courses*

- Sustainable community development & urban planning in the BSR
- Covers environmental science, social sciences, architectural & cultural aspects of community development

***Sustainable Community Development*** (15 ECTS):

1. **The city** (4.5 ECTS) – urbanisation, administration & sustainable development;
2. **Building Sustainable Communities** (4.5 ECTS) – architecture, urban - planning, rebuilding, ideal cities;
3. **Sustainable Urban Management** (6 ECTS) – sustainability indicators, energy, water & waste; social, cultural & economic development in our cities.





# The Baltic University Programme

## Environmental Management courses

*Master level courses*

### Course contents:

- Management tools, Environmental Impact Assessment, certification (ISO 14001 and EMAS) & green labelling.
- Economic & legal policy instruments,
- Industry related tools e.g. cleaner production, waste minimisation, eco-design, Life Cycle Assessment

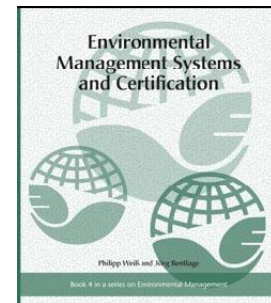
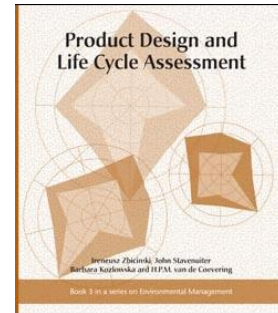
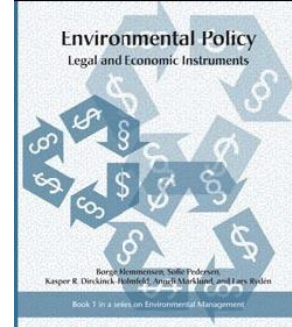
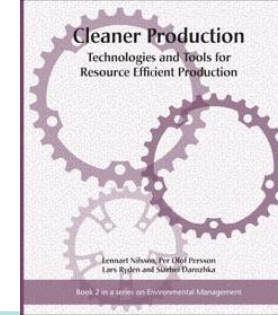
### 1. Policy Instruments for Environmental Management

EM1 (7.5 ECTS)

### 2. Cleaner Production & Technologies EM2 (7.5 ECTS)

### 3. Product Design & Life Cycle Techniques EM3 (7.5 ECTS)

### 4. Environmental Management Systems & Certification EM4 (7.5 ECTS)



***Cooperation to promote sustainable development  
between cities/towns & universities in the BSR***

***Background - SUPERBS project***

***Aim - to develop strategies for sustainable  
development for cities & towns***

**Partners:**

Organising partners: BUP, KTH, UBC

20 cities & towns in 9 countries,

15 universities & 3 NGO's

The Union of Baltic Cities disseminates the results > 100 cities.



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PARTNERSHIPS  
for SUSTAINABLE  
DEVELOPMENT



# Ecosystem Health & Sustainable Agriculture Project



**Envirovet Baltic**





New  
Course  
Package !!

# Ecosystem Health & Sustainable Agriculture

- **New course package on SD & agriculture & ecosystem health** for university level
- Developed in cooperation with **BUP** & the **Envirovet Baltic** network
- **Countries:** Belarus, Canada, Denmark, Estonia, Finland, Germany, Latvia, Lithuania, Poland, Kaliningrad & St. Petersburg in Russia, Slovakia, Sweden, Ukraine & the USA
- Part of HELCOM and GEF's Baltic Sea Regional Project in NW Russia (Sida financed)
- Baltic 21 Lighthouse project



New  
Course  
Package !!

# Ecosystem Health & Sustainable Agriculture



- 8 seminars in St. Petersburg & Kaliningrad in 2007-2008 (7 held)
- 1 seminar in Estonia, 1 in Latvia, 1 in Lithuania & 1 in Poland (3 held, only Poland left for autumn 2008)
- UN Partnership for Sustainable Development
- UN CSD 16 Meeting, 6-7 May 2008, New York, USA
- Baltic 21, 10 year Anniversary, Riga Summit, 3 June
- Editors Meeting, Vilnius, 24 June
- Authors Meeting, Vilnius, 25-26 June



PARTNERSHIPS  
for SUSTAINABLE  
DEVELOPMENT

# Ecosystem Health & Sustainable Agriculture

## Modules

*Rural development and land  
use*

*Sustainable agriculture*

*Ecology and animal health*

*3 books for university teaching*

# EduChange – a new BUP course for teacher training on ESD



*I know!*

*I can!*

*I know, can and  
want to  
**CHANGE!***

*I want!*



# Sustainable Africa University Network, SAUNET



BUP



IUCEA

- University twinning between BSR and LVR
- BUP as a model for ESD & University cooperation in the LVR.
- BUP 200 Universities in 10 countries.
- IUCEA 55 Universities in 3 Countries.
- A pilot project involving 10 universities at the start





*Thank you for your  
attention and interest!*

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