NOVA UNIVERSITY
www.nova-university.org

norbe
NORDIC SCHOOL OF BIOSYSTEMS ENGINEERING
www.norbe.kvl.dk

Registration is underway for the MSc course:

280005 Introduction to Biosystems Engineering (15 ECTS)

Offered in Fall (Sep-Oct) 2005 at KVL, Denmark

Travel route of the IBE excursion. In 2004 the Baltic countries (Lithuania, Estonia, Latvia) were included in the tour.

Biosystems engineering combines technology and the life sciences to address current porblems in bioenvironmental engineering, machine systems, automation and buildings for crop and animal production, and bio-energy systems. In this course you will obtain an overview of the state-of-the-art and future trends in biosystems engineering, an introduction to key techniques and tools for specifying, designing and analyzing biosystems, including systems methods, mass and energy flows, life cycle analysis, cost benefit analysis, Environmental Impact Assessment, image analysis and IT (GIS, GPS).

The Nordic School of Biosystems Engineering is a collaboration by the NOVA-University. The IBE course aims to establish networks between students, NOVA-faculties, research stations and companies as a basis for subject choice and collaboration (projects and internships). The 9-week course starts with a 2-week intensive study and group work at KVL, followed by a 2-week tour to visit the key industries and research institutions in the Nordic countries, and finally by 4-weeks project work carried out at your home institution or at one of the NOVA partner universities. The course is offered in English. There is an excursion fee of €300.

More information about the course and about registration for KVL, Scandinavian and International students: **www.kursus.kvl.dk/ibe** or contact D. Wulfsohn dw@kvl.dk