

# Hållbar utveckling

## Avancerad nivå

### **Royal Holloway, University of London**

MSc practicing Sustainable development

<http://www.gg.rhul.ac.uk/cedar/MAMSc/courses.html>

At the end of the programme the students will be able to:

#### **Knowledge and understanding**

- Understand at an advanced level, the relationships between, and complexities of, social, economic, political and environmental aspects of sustainable development.
- Understand at an advanced level, how the key issues in sustainable development theory influence policy and impact on practice.
- Critically analyse complex or contradictory areas of knowledge in aspects of sustainable development.
- Synthesise information with an innovative manner and with critical awareness.
- Evaluate research, advanced scholarship and methodologies, and argue alternative approaches.

#### **Skills**

- Demonstrate a high level of ability to exercise, adapt and develop 'key competencies', namely holistic thinking, ability to manage complexity, change and unpredictability, critical awareness, group working, communication, reflectiveness and empathy.
- Demonstrate a high level of ability in subject specific skills including land use assessment, land degradation assessment, soil conservation, water monitoring, geographic information systems, remote sensing, participatory methods, research design, project development, and project analysis and evaluation.
- Critically evaluate and apply a range of qualitative and quantitative methods for sustainable development research.
- Select appropriate field research methods, plan and embark upon a research project in a less developed country, critically aware of the problems likely to be encountered during the research process.
- Learn independently, and exercise initiative and personal responsibility.

## **University of Bradford**

### MSc Sustainable Development

Learning outcomes indicate what a graduate should know and understand, and be able to do on successful completion of one of the programmes. They have been developed with reference to the Environmental Science and Geography subject benchmarks, published by the QAAHE. When you have completed the MSc in Sustainable Development, you will be able to:

#### **Knowledge and understanding in the context of the subject:**

- Apply and integrate advanced knowledge to deal with complex issues and demonstrate understanding and judgement in practical, analytical and interpretative approaches in sustainable development
- Demonstrate a critical understanding of and reasoning about the drivers, theories, implementation mechanisms and critiques of sustainable development, including contemporary issues in this field. The Sustainable Business pathway will focus these issues in a business context, the Local Sustainable Development pathway in a European local community context and the Local Sustainable Development (DC) pathway in developing country context, although there will be cross referencing between the 3 pathways too.

#### **Cognitive skills:**

- Present closely reasoned arguments through synthesis of a range of theoretical and both primary and secondary material
- Demonstrate skills necessary to plan, execute and report on a programme of research in a specialised area including both primary and secondary data
- Demonstrate critical thinking, flexibility and adaptability and the ability to make judgements in the absence of complete data

#### **Subject specific practical/professional skills:**

- Communicate in appropriate professional styles, for example, giving oral presentations, writing consultancy reports and preparing press releases where appropriate to selected context/pathway
- Deploy information skills in the creation and communication of findings
- Use appropriate techniques to appraise sustainable development needs in selective contexts
- Draw on appropriate mechanisms to suggest solutions to sustainable development problems in selective contexts
- Design and complete a substantial body of work of independent research

#### **General/transferable skills (including key skills):**

Communicate findings and conclusions clearly to specified specialist and non specialist target audiences

Work constructively in team settings, be accountable for actions and results and be able to reflect critically on group and individual performance

Use information technology effectively in the analysis, interpretation and communication of findings

Reflect critically on own learning process

Demonstrate ability to take decisions in complex and unpredictable situations  
Act autonomously and show self reliance in planning and implementing tasks at a professional level

### **Oslo universitet**

Culture, Environment and Sustainability (discipline), Avancerad nivå

<http://www.uio.no/studier/program/kulturide-master/culture-environment/om/hva-laerer-du.xml>

- (i) to provide students with a thorough theoretical understanding of the challenge of sustainable development, with an emphasis on cultural and ideological perspectives;
- (ii) to introduce students to the complexities of interdisciplinary research;
- (iii) to train students in philosophical argumentation, historical knowledge and cultural understanding of environmental problems;
- (iv) to use the ongoing case studies provided by SUM researchers to provide practical benefits to those who will be in future involved in research and policy.