

Category/ Module		Semester	1st	2nd	3rd	4th
I. Fundamentals						
1.	Nature Conservation/ Spatial Planning				x	
19.	Compulsory Optional Module: Fundamentals	x				
II. Risk Management						
2.	Business & Industrial Management I	x				
3.	Business & Industrial Management II		x			
4.	Sustainability	x				
5.	Integrated Management Systems (QHSE) I		x			
6.	Integrated Management Systems (QHSE) II			x		
III. Natural Sciences/ Technical Issues						
7.	Environmental Quality	x				
8.	Engineering/ Machine & Facility Safety		x			
9.	Energy & Material Efficiency			x		
10.	Waste Disposal/ Monitoring, Recycling-Techniques				x	
20.	Compulsory Optional Module: Natural Sciences/ Technical Issues		x			
IV. European Environmental Law/ National Standards						
11.	European & Polish Standards	x				
12.	European & Czech Standards		x			
13.	European & German Standards			x		
V. Languages						
14.	Polish	x				
15.	Czech		x			
16.	German			x		
17.	Post-Graduate Seminar and Consultations					x
18.	Master Thesis including Presentation					x

Target Groups

Graduated students (BSc. Level) and Young Professionals with practical experiences on the job from all over the world.

Preconditions

- Graduation (BSc. Level, 180 ECTS or equivalent)
- A good understanding of English language (comparable to TOEFL, Cambridge, etc.)

Fees

The tuition fee for the study course will be € 560 per semester and per student. There will be additional costs, esp. for housing and living in the three countries.

Time Line

- Application procedure: May 2006
- Pre-course English: August 2006
- Start of the course: October 2006

Application Details

www.neisse-uni.org

Contact

Dipl.-Kff. Anke Zenker-Hoffmann
 eMail: ahoffmann@hs-zigr.de
 Fon: ++49 3583 61 1759



Master Course

EH & S Risk Management

Environmental Health & Safety Risk Management

An international Master Levels Study Course conducted by

Technicka Univerzita V Liberci
 Polytechnika Wroclawska
 University of Applied Sciences
 Zittau/Görlitz

www.neisse-uni.org

Neisse University

The Neisse University represents a university network between

- the Technical University of Liberec (Technická Univerzita V Liberci)
- the Wrocław University of Technology (Polytechnika Wroclawska) and
- the University of Applied Sciences Zittau/Görlitz (FH)

which is based on joint study courses. The Declaration of Bologna (1999) and the process of development of a joint European sector of higher education (EU Bologna Process) refer as background.



In its nature, the concept of the Neisse University is unique in Europe, thus having the character of a pilot project. Following a principle of equality, the studies will take place in three countries and three exciting cities (Wrocław, Liberec, Zittau) in the heart of the enlarged European Union.

Master Course Environmental Health & Safety Risk Management

Based on a more than six years experience with German and European industry (car manufactures and suppliers, energy suppliers, chemical products, etc.) there is an obvious need to reduce environmental, health & safety related risks resulting either from legal requirements or risks along the production chain to maintain or increase competitiveness.

Working groups from each of the three participating universities have, therefore, jointly developed a new master course „Environmental Health & Safety Risk Management (EH & S Risk Management)“ to start in **October 2006**.



Teacher workshop
in Liberec

The MSc course aims in capacity building and extended vocational training for young professionals in the field of quality, environmental and occupational health & safety management, and thereby, reducing corporate risks.

The interdisciplinary curriculum combines natural sciences, engineering and business administration as well as European and national legal requirements where English will be the teaching language in all courses.

This approach displays our conviction that sustainable business development needs problem solvers based on not just one academic discipline but well educated and motivated interdisciplinary experts.

Basically the new study course offers five educational categories (see figure).

1. SEMESTER Poland	2. SEMESTER Czech Republic	3. SEMESTER Germany	4. SEMESTER Industrial Placement
Category I: Fundamentals			
Category II: Risk Management			
Category III: Natural Sciences/ Technical Issues			
Category IV: European Environmental Law/ National Standards			
Category V: Languages			

Master Course Environmental Health & Safety Risk Management

Reasons Why

- Capacity building for Sustainable Development
- Extended vocational training for Young Professionals
- Future competences for problem solvers
- Unique interdisciplinary course contents: nature sciences, law, engineering and business administration, languages
- Internationality: Get in touch with three different but exciting and dynamic cultures and languages in the heart of Europe

Job Opportunities

Throughout the combination of basic engineering and methodological knowledge with business management and an excellent qualification in management systems and languages, graduates will serve as high potentials for leading positions in the private and public sector. Graduates will fit for positions as

- Young professionals in engineering and planning enterprises, energy production companies, consulting firms
- Experts for integrated management systems in companies, esp. automotive industry
- Scientists in research departments, esp. in internationally oriented companies
- Experts in NGO's focusing on Sustainable Development