

**РОЗДІЛ 2. ІННОВАЦІЙНІ ПАРАДИГМИ ВПРОВАДЖЕННЯ МЕТОДИКИ  
ВИКЛАДАННЯ ПРИРОДНИЧИХ ДИСЦИПЛІН У ВИЩІЙ ШКОЛІ ТА  
ЗАГАЛЬНООСВІТНІХ НАВЧАЛЬНИХ ЗАКЛАДАХ**

**MASTER OF SCIENCE DEGREE IN ENVIRONMENTAL AND PROCESS  
ENGINEERING**

*Ulrich Vogt (Stuttgart, Germany)*

Air and water pollution control as well as the removal of waste are challenges facing society throughout the world. We have to face these challenges and try to find appropriate solutions.

In addition to dealing with the political and legal implications, the specific education and training of engineers has become an essential prerequisite in mastering these environmental challenges. The Universität Stuttgart has a long tradition of teaching and research in these areas and, for that reason, is offering an interdisciplinary Master of Science degree in Environmental and Process Engineering called "Air Quality Control, Solid Waste and Waste Water Process Engineering" (WASTE).

The program will provide students with the education necessary to meet these multidisciplinary demands. Not only is the scientific structure ideal in Stuttgart, but there are also very close ties between the academic world and the industry in the state of Baden-Württemberg. In Stuttgart, students have a wide range of opportunities to gain first-hand practical experience in some of the small and medium-sized companies that form the backbone of this state's economy.

This degree program is designed for persons wishing to find employment outside of Germany or in international operating companies and will provide participants with profound knowledge in the state of the art in the field of environmental technology. It will cover air quality, solid waste and waste water control and treatment technologies based on the fundamentals of process engineering.

**Admission Requirements.**

As a prerequisite for admission to the program, the following admission requirements must be fulfilled: a Bachelor or Diplom Degree in Chemical, Civil, Environmental, Mechanical, or Process Engineering or a related field with good results. If you don't have your Bachelor degree till the end of the application deadline, please send us all the other required documents and give us a note about the time you will get your degree. In this case we need a full Transcript of your marks and your probable final mark. A TOEFL score of 213 (CBT), 550 (PBT), 79 (iBT) or IELTS (academic) 6.0 or a certificate of an equivalent test not older than two years at the day of the application deadline. Further required documents are specified in the application form.

In order to be considered by the Examination Committee, it is important that all documents are either originals or validated (true, authenticated, notarized) copies.

The next applicable term will start in October 2011.

Application deadline: 15 February 2012.