Environmental Education @ The Chinese University of Hong Kong

Jimmy Yu
Jimyu@cuhk.edu.hk
Undergraduate Curriculum

Elementary and Compulsory Courses

1st Year

• Current Environmental Issues
• Introduction to Environmental Science*
• Environmental Chemistry I *
• Fundamentals of Biochemistry*
• Ecology*

2nd Year

• Principles of Environmental Management and Pollution Control
• Environmental Instrumentation Techniques*
• Biochemical Toxicology*

*Courses with labs
Advanced and Major Elective Courses

- Conservation Biology
- Marine Biology & Laboratory
- Environmental Biotechnology & Laboratory
- General Microbiology

- Methods in Toxicological Research & Laboratory
- Aspects of Biotechnology & Laboratory
- Molecular Biology & Laboratory

- Environmental Chemistry II: Industrial
- The Chemical Treatment Processes
- Transition Metal Chemistry

- Urban Environmental Problems
- Leisure and Eco-tourism
- Planning and Governance for Sustainable Development
Outreach:

Educating the Public and our Leaders

• Serving as consultant to policy makers
• Members of Advisory Committees
• Public Environmental Science Talks
• General Education Courses for Teachers
• Technology Transfer
Fish tank technology offers safer seafood

Cheung Chi-fai

Seafood lovers could enjoy safer dishes as a result of technology developed in Hong Kong and backed by the Government to treat fish tank water.

A device that allows water to run through pipes coated with titanium dioxide while exposed to ultra-violet light has been successfully tested in a restaurant in Tsim Sha Tsui by a Hong Kong environmental technology company.

The company claims the technology can kill cholera and E-Coli bacteria and is more effective than traditional ultra-violet devices. It has not disclosed the cost.

The Food and Environmental Hygiene Department has listed the new technology as an acceptable device after studying data from the trials.
The eLS@CU Newsletter encourages the better use of the technology in teaching and learning through sharing of valuable experiences and ideas about eLearning among teachers at The Chinese University of Hong Kong.

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- FORTHCOMING EVENTS - international conferences
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TECHNOLOGY AS SOLUTION - immediate notifications through SMS

Emails are convenient but yet they may not be able to reach students quickly enough when compared with SMS messaging. In Hong Kong, where nearly everyone owns a mobile phone, the advantage of using SMS to communicate may be even more obvious. ITSC has recently developed an online system to let teachers send batch messages to single or groups of students conveniently through a web-based interface. This SMS gateway service can be found at https://sms-gateway.itsc.cuhk.edu.hk/ The messages go to the phone of the students regardless of the network they are using. Interested parties please contact Christina Keing (Keing@cuhk.edu.hk) for details.