

COMSATS Institute of Information Technology
Registrar Office, Principal Seat, Islamabad

No: CIIT-Reg/Notif-691/12/1015

July 3, 2012

NOTIFICATION

Scheme of Studies of Master of Science (MS) in Environmental Sciences

It is hereby notified that the Academic Council in its 13th meeting held on June 04, 2012 approved the following scheme of studies of Master of Science (MS) in Environmental Sciences program for the sessions Fall 2011, Spring 2012 and Fall 2012 at CIIT system:

	<u>Min No. of Courses</u>	<u>Min No. of Credit Hours</u>
1. MS Course Work		
i. Core Courses (List attached)	06	18
ii. Elective Courses (List attached)	02	06
Total Credit Hours of course work		24
2. MS Thesis		06
Total Credit Hours of the Program		30

Note: All Rules and Regulations approved by BASAR from time to time shall be applicable

This issues with the approval of the Competent Authority.


Nadeem Uddin Qureshi
Additional Registrar

Encl: (pages 03 in total including this page)

Distribution:

1. Dean, Faculty of Science, CIIT
2. All Directors, CIIT System
3. Chairman, Department of Environmental Sciences, CIIT
4. All Incharges, Academic Sections, CIIT Campuses
5. All HoD's/Incharges, Department of Environmental Sciences, CIIT Campuses
6. Controller of Examinations, CIIT
7. All Incharges, Examination Departments, CIIT Campuses

CC:

1. PS to Rector
2. PA to Registrar

List of Core Courses

Course Code	Course Title	Credit Hours
ENV502	Environmental Technologies	3(3, 0)
ENV503	Environment and Development	3(3, 0)
ENV504	Energy and Environment	3(3, 0)
ENV505	Environmental Impact Assessment	3(3, 0)
ENV506	Environmental Policies, Planning and Laws	3(3, 0)
ENV507	Research Methodology in Environmental Science	3(3, 0)

Thesis

Course Code	Course Title	Credit Hours
ENV800	Thesis	6

List of Elective Courses

Course Code	Course Title	Credit Hours
ENV621	Advance Water Resources Management	3(3, 0)
ENV622	Waste Water Treatment	3(3, 0)
ENV623	Sustainable Sanitation and Water	3(3, 0)
ENV624	Hydrological Systems and Environment	3(2, 1)
ENV625	Hydrochemistry and Ground Water Pollution	3(2, 1)
ENV626	Glaciology	3(2, 1)
ENV627	Oceanography	3(2, 1)
ENV631	Solid and Hazardous Waste Management	3(3, 0)
ENV632	Geomorphology	3(2, 1)
ENV651	Environmental Management	3(3, 0)
ENV652	Applied Environmental Economics	3(3, 0)
ENV653	Project Evaluation and Environmental Valuation	3(3, 0)
ENV661	Analytical Techniques	3(3, 0)
ENV662	Advanced Techniques in Biotechnology	3(3, 0)
ENV663	Genetic Engineering and Biotechnology	3(3, 0)
ENV664	Environment and Geographical Information Systems	3(3, 0)
ENV672	Molecular and Microbial Genetics	3(3, 0)
ENV673	Environmental Radiation and Health Physics	3(3, 0)
ENV675	Environmental Geology	3(3, 0)

Course Code	Course Title	Credit Hours
ENV676	Urban Geography	3(3, 0)
ENV721	Water Quality and Treatment	3(3, 0)
ENV751	International Environmental Governance	3(3, 0)
ENV752	Political Ecology	3(3, 0)
ENV753	Climatic Change and Global Politics	3(3, 0)
ENV761	Climatic Change and Himalayan Glaciers	2(2, 0)
WSD612	Post Disaster Water and Sanitation Management	2(2, 0)
WSD622	Environmental Sciences and Agroecology	2(2, 0)
WSD625	Global Environmental Change	2(2, 0)
WSD633	Designing and Implementing Water Sanitation and Public Health Policies	2(2, 0)
WSD634	Environmental System Analysis	2(2, 0)

Indrawati