

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

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No: CIIT-Reg/Notif-693/12/10/7

July 3, 2012

**NOTIFICATION**

**Scheme of Studies of Master of Science (MS) in Sustainable Water Sanitation  
Health and Development**

It is hereby notified that the Academic Council in its 13<sup>th</sup> meeting held on June 04, 2012 approved the following scheme of studies of Master of Science (MS) in Sustainable Water Sanitation Health and Development 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>
<b>1. MS Course Work</b>		
I. Core Courses (List Attached)	08	18
II. Elective Courses(List Attached)	03	06
<b>Total Credit Hours of course work</b>		24
<b>2. MS Thesis</b>		06
<b>Total Credit Hours of the Program</b>		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 02 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**

<b>Course Code</b>	<b>Course Title</b>	<b>Credits Hours</b>
WSD501	Introduction to Sustainable Water and Sanitation	3(2, 1)
WSD502	Health, Environment and Development	2(2, 0)
WSD503	Water and Wastewater Treatment Principles	2(2, 0)
WSD504	Sustainable Sanitation-Ecological Engineering for Waste Management	3(2, 1)
WSD505	Water Supply Engineering and Management	2(1, 1)
WSD506	Technology Development, Gender and Culture	2(2, 0)
WSD507	Applied Research Methodology	3(3, 0)
WSD509	Interdisciplinary Graduate Seminar	1(1, 0)

**MS Thesis**

<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
WSD800	Thesis	6

**List of Elective Courses**

WSD621	Introduction to Soil Sciences	2(2, 0)
WSD622	Environmental Sciences and Agroecology	2(2, 0)
WSD623	Water Chemistry and Microbiology	2(1, 1)
WSD631	Society and Development	2(2, 0)
WSD632	Environmental and Resource Economics	2(2, 0)
WSD624	Soil and Groundwater	2(2, 0)
WSD633	Designing and Implementing Water Sanitation and Public Health Policies	2(2, 0)
WSD611	Solid Waste Management	2(2, 0)
WSD634	Environmental System Analysis	2(2, 0)
WSD612	Post Disaster Water and Sanitation Management	2(2, 0)
WSD635	Water Sanitation Institutions and Governance	2(2, 0)
WSD625	Global Environmental Change	2(2, 0)
WSD626	Public Health and Risk Assessment	2(2, 0)

*Included*