

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

No: CIIT-Reg/Notif-679/12/1003

July 3, 2012

NOTIFICATION

Scheme of Studies of Master of Science (MS) in Developmental Biology


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 Developmental Biology program for session Fall 2012 only at CIIT system:

	<u>Minimum No. of Courses</u>	<u>Minimum No. of Credit Hours</u>
1. MS Course Work		
i. Core Courses (list attached)	02	08
ii. Elective Courses (list attached)	4-8	16
Total Credit Hours of course work		24
2. MS Thesis		06
3. Total Credit Hours of the Program		30

Note:

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

This issue with approval of the Competent Authority.


Nadeem Uddin Qureshi
Additional Registrar

Encl: (2 pages in total including this page)

Distribution:

1. Dean Faculty of Science, CIIT.
2. Chairperson, Department of Biosciences, CIIT.
3. Incharge, CIIT Islamabad Campus.
4. Incharge Academics, CIIT Campuses.
5. All HoDs Department of Biosciences, CIIT, Campuses.
6. Controller of Examinations, CIIT.
7. Incharge Examinations, CIIT Campuses.

CC:

1. PS to Rector
2. PA to Registrar

List of Core Courses

Course Code	Course Title	Credits Hours
BIO603	Molecular Genetics	4(4, 0)
BIO604	Developmental Biology	4(4, 0)

Thesis

Course Code	Course Title	Credits Hours
BIO800	Thesis	6

List of Elective Courses

Course Code	Course Title	Credits Hours
BIO601	Advances in Molecular Biology	4(4, 0)
BIO605	Bioinformatics	4(3, 1)
BIO702	Gene Regulation and Expression	4(4, 0)
BIO705	Nucleic Acids	4(4, 0)
BIO706	Protein Chemistry	4(4, 0)
BIO707	Recombinant DNA Technology	4(4, 0)
BIO708	Advances in Molecular Genetics	4(4, 0)
BIO709	Report Writing and Seminar	4(4, 0)
BIO710	Research Techniques	4(2, 2)
BIO727	Comparative Anatomy	4(3, 1)
BIO728	Teratology	2(2, 0)
BIO730	Histology	4(3, 1)
BIO731	Histochemistry	2(2, 0)
BIO740	Concepts in Systems Biology	4(4, 0)
BIO754	Tissue Culture and its Applications	2(1, 1)
BIO755	Epigenetics	3(3, 0)
BIO761	Cell Signaling	2(2, 0)
BIO762	Biomolecular Modeling	3(2, 1)
BIO801	Seminar	1(1, 0)
BIO802	The History and Philosophy of Science	1(1, 0)
BIO803	The Origin and Evolution of Life on Earth	1(1, 0)

Inclusion