

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

No: CIIT-Reg/Notif- 681/12/1005

July 3, 2012

NOTIFICATION

Scheme of Studies of Master of Science (MS) in Molecular Virology

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 Molecular Virology program for session Fall 2012 only at CIIT:

	<u>Minimum No. of Courses</u>	<u>Minimum 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


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

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List of Core Courses

Course Code	Course Title	Credits Hours
BIO601	Advances in Molecular Biology	4(4, 0)
BIO607	Essentials of Virology	4(4, 0)

Thesis

Course Code	Course Title	Credits Hours
BIO800	Thesis	6

List of Elective Courses

Course Code	Course Title	Credits Hours
BIO602	Advances in Microbiology	4(4, 0)
BIO603	Molecular Genetics	4(4, 0)
BIO605	Bioinformatics	4(3, 1)
BIO702	Gene Regulation and Expression	4(4, 0)
BIO704	Trends in Genomics	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)
BIO716	Fundamentals of Microbial Genomics and Proteomics	4(4, 0)
BIO718	Molecular and Cellular Immunology	4(4, 0)
BIO750	Molecular Biology of Animal Viruses	4(4, 0)
BIO751	Plant Virology	4(4, 0)
BIO752	Virus-based Gene Therapy and DNA Vaccines	4(4, 0)
BIO753	Advanced Topics in Virology	2(2, 0)
BIO754	Tissue Culture and its Applications	2(1, 1)
BIO755	Epigenetics	3(3, 0)
BIO762	Biomolecular Modeling	3(2, 1)
BIO801	Seminar	1(1, 0)
BIO802	The History and Philosophy of Science	1(1, 0)

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