

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

No: CIIT-Reg/Notif- 687/12/ 10/1

July 3, 2012

NOTIFICATION

Scheme of Studies of Doctor of Philosophy (PhD) in Microbiology and Immunology

It is hereby notified that the Academic Council in its 13th meeting held on June 04, 2012 approved the following scheme of studies Philosophy (PhD) in Microbiology and Immunology program for session Fall 2012 only at CIIT system:

Minimum No. of Credit Hours

1. PhD Course Work	18
2. PhD Thesis	09

Note:

- All Rules and Regulations approved by BASAR from time to time shall be applicable
- PhD supervisors can suggest any graduate level approved course related to the thesis project of their students.

This issue with approval of the Competent Authority.


Nadeem Uddin Qureshi
Additional Registrar

Encl:(3 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. Registrar, CIIT
2. PS to Rector

Thesis

Course Code	Course Title	Credit Hours
BIO900	Thesis	9

List of Courses

Course Code	Course Title	Credit Hours
BIO602	Advances in Microbiology	4(4, 0)
BIO601	Advances in Molecular Biology	4(4, 0)
BIO603	Molecular Genetics	4(4, 0)
BIO604	Developmental Biology	4(4, 0)
BIO605	Bioinformatics	4(3, 1)
BIO607	Essentials of Virology	4(4, 0)
BIO707	Recombinant DNA Technology	4(4, 0)
BIO709	Report Writing and Seminar	4(4, 0)
BIO710	Research Techniques	4(2, 2)
BIO713	Medical Microbiology	4(3, 1)
BIO714	Strategies of Parasite infection, Survival and Transmission	4(4, 0)
BIO715	General Virology	4(4, 0)
BIO716	Fundamentals of Microbial Genomics and Proteomics	4(4, 0)
BIO717	Advanced Topics in Microbiology	4(4, 0)
BIO718	Molecular and Cellular Immunology	4(4, 0)
BIO719	Environmental Microbiology	4(4, 0)
BIO720	Bioremediation and Biodegradation	4(3, 1)
BIO721	Industrial Microbiology	4(4, 0)
BIO722	General Mycology	4(4, 0)
BIO740	Concepts in Systems Biology	4(4, 0)
BIO742	Principles and Applications of Proteomics	4(3, 1)
BIO744	Systems Biology of Microorganisms	2(1, 1)
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)
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)
BIO804	Advances in Cell Biology	4(4, 0)
BIO806	Advances in Biosciences Research	6(6, 0)
BIO807	Special Paper	3(3, 0)
BTY501	Current Trends in Biotechnology	3(3, 0)
BTY662	Cell Biology and Genetics	3(3, 0)
BTY664	Environmental Biotechnology	3(3, 0)
BTY665	Agricultural Biotechnology	3(3, 0)
BTY666	Medical Biotechnology	3(3, 0)
BTY668	Industrial Biotechnology	3(3, 0)
ENV672	Molecular and Microbial Genetics	3(3, 0)

Included.