

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

No: CIIT-Reg/Notif- 685/12/ 1009

July 3, 2012

NOTIFICATION

Scheme of Studies of Doctor of Philosophy (PhD) in Biochemistry and Molecular 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 Doctor of Philosophy (PhD) in Biochemistry and Molecular Biology 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: (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

Thesis

Course Code	Course Title	Credit Hours
BIO900	Thesis	9

List of Courses

Course Code	Course Title	Credit Hours
BIO601	Advances in Molecular Biology	4(4, 0)
BIO602	Advances in Microbiology	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)
BIO614	Principles of Computational Biology	4(3, 1)
BIO701	Clinical Biochemistry	4(4, 0)
BIO702	Gene Regulation and Expression	4(4, 0)
BIO703	Molecular Immunology	4(4, 0)
BIO704	Trends in Genomics	4(4, 0)
BIO705	Nucleic Acids	4(4, 0)
BIO706	Protein Chemistry	4(4, 0)
BIO707	Recombinant DNA Technology	4(3, 1)
BIO708	Advances in Molecular Genetics	4(4, 0)
BIO709	Report Writing and Seminar	4(4, 0)
BIO710	Research Techniques	4(2, 2)
BIO711	Biochemistry and Physiology of Vascular Diseases	4(4, 0)
BIO713	Medical Microbiology	4(3, 1)
BIO716	Fundamentals of Microbial Genomics and Proteomics	4(4, 0)
BIO742	Principles and Applications of Proteomics	4(3, 1)
BIO750	Molecular Biology of Animal Viruses	4(4, 0)
BIO752	Virus-based Gene Therapy and DNA Vaccines	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)
BIO804	Advances in Cell Biology	4(4, 0)
BIO806	Advances in Biosciences Research	6(6, 0)
BIO807	Special Paper	3(3, 0)

Indhu