



# CAPITAL UNIVERSITY OF SCIENCE & TECHNOLOGY ISLAMABAD

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## **PhD Comprehensive Examination – Spring 2020** **Faculty of Health & Life Sciences**

Following is the department wise list of the subjects from which the comprehensive examination question papers will be prepared:-

### **Department of Bioinformatics & Biosciences**

<b>List of Courses</b>		
1	BI6113	Pathways and Networks in Biology
2	CS5123	Advance Analysis of Algorithms
3	BI5733	Advanced Endocrinology
4	BI5413	Advanced Bioinformatics
5	BI5113	Advanced Molecular Biology
6	BI6143	Bioinformatics Ontology/ Ontology Engineering
7	BI6133	Bioinformatics Semantics/ Semantic Computing
8	CS5153	Digital Library
9	CS5163	Web Based Knowledge Discovery
10	CS5343	Data mining
11	BI5513	Advanced Systems Biology
12	CS5183	Information Visualization
13	BI5193	Advanced Microbiology and Immunology
14	BI5723	Eukaryotic Regulatory Mechanisms
15	BI5753	Applied Biotechnology
16	BI5733	Protein Engineering and Enzyme Technology
17	BI5223	Advanced Clinical Biochemistry