

PhD Biotechnology

The above same courses can be taken by PhD student.

- Total numbers of Credit hours 40
- Duration 3 years (Minimum 3 years and Maximum 5 years)
- Semester duration 16-18 weeks
- Semesters 6
- Course Load per Semester maximum 9 Cr hr/ semester
- Number of courses per semester maximum 4

No.	Categories	Credit Hours
1.	Course work	18
2.	Thesis	30
	Total	48

PhD Biotechnology curriculum

1st Semester		
S.No.	Courses	Credit Hours
1	Major-I	3(2,1)
2	Major-II	3
3	Elective-I	3
	Total	9
2nd Semester		
1.	Major-III	3(2,1)
2.	Major-IV	3
3.	Elective-II	3(2,1)
	Total	9
3rd & 4th 5th and 6th Semester		
4.	Research project and Thesis	30

List of Core / Major Courses

BTE511: Principles and Practices in Biotechnology
BTE512: Advanced Biotechnology
BTE513: Advanced Molecular Genetics
BTE514: Medical Biotechnology
BTE532: Advanced Biochemistry
BTE533: Advanced Techniques in Biotechnology
BTE534: Industrial and Environmental Biotechnology
BTE535: Food Biotechnology
BTE536: Advanced Molecular Biology

Admission Criteria (As per HEC Criteria)

Eligibility Criteria: To apply for PhD Biotechnology, a candidate must have at least 3.00/4.00 CGPA in MS/M.Phil. in a relevant field. All applicants are required to pass the KUM admission test and interview.

Degree requirements (As per HEC requirements)

18 Cr. Hrs. Course Work with minimum CGPA 3.00/4.00
Comprehensive Examination (written and oral)
Synopsis Defense
30 Cr. Hrs. Research Work
Publication of at least one research paper in HEC approved journal
Dissertation Foreign Reviews
Dissertation Final Defense

Diplomas and Certificates

Sonography(1 Year diploma)
Certificate in Medical lab technology,
Certificate in Functional food

Certificate in Functional foods