

Semester 1

- Economics for Engineers [Human Social Sciences & Management Courses]

Course Code : EECN132

- Sociology for Engineers [Human Social Sciences & Management Courses]

Course Code : SOC104

- Basic Electrical Engineering [Engineering Sciences Courses]

Course Code : ES103

- Introduction to Computers and Programming in C [Engineering Sciences Courses]

Course Code : ES202

- Basic Physics-I for Bio Sciences [Basic Sciences Courses]

Course Code : PHYS130

- General Chemistry [Basic Sciences Courses]

Course Code : CHEM105

- Mathematics For Life Sciences-I [Basic Sciences Courses]

Course Code : MATH137

- Technical Communication – I [Communication Skills]

Course Code : BC105

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Semester 2

- Aspects of Indian History for Engineers [Human Social Sciences & Management Courses]

Course Code : HIST138

- Law for Engineers [Human Social Sciences & Management Courses]

Course Code : LAW132

- Database Management Systems [Engineering Sciences Courses]

Course Code : CSE201

- Applied Chemistry [Basic Sciences Courses]

Course Code : CHEM101

- Basic Physics-II for Bio Sciences [Basic Sciences Courses]

Course Code : PHYS131

- Environmental Studies [Basic Sciences Courses]

Course Code : EVS101

- Mathematics For Life Sciences-II [Basic Sciences Courses]

Course Code : MATH138

- Technical Communication – II [Communication Skills]

Course Code : BC106

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Semester 3

- Term Paper [Supervised Independent Learning/ Non-Teaching Credit Courses]
Course Code : BTTP100
- Object Oriented Programming Using C++ [Engineering Sciences Courses]
Course Code : ES203
- Python for Biologist [Engineering Sciences Courses]
Course Code : BIOF206
- Biochemistry [Core Courses]
Course Code : GCMB212
- Essentials of Material Science for Biologists [Core Courses]
Course Code : BCE201
- Microbiology [Core Courses]
Course Code : LS204
- Cell Biology [Basic Sciences Courses]
Course Code : GCMB301
- Foreign Business Language
Course Code :
- Open Elective Courses
Course Code :
- Outdoor Activity Based Courses
Course Code :

Semester 4

- Self-Reliance and Socialization [Human Social Sciences & Management Courses]
Course Code : BS207
- Principles of Chemical Engineering [Engineering Sciences Courses]
Course Code : BCE301
- Basic Bioinformatics [Core Courses]
Course Code : BIOF202
- Basic Biostatistics [Core Courses]
Course Code : BIOT331
- Bioanalytical Techniques [Core Courses]
Course Code : BIOT301
- Molecular Biology [Core Courses]
Course Code : GCMB213
- Genetics [Basic Sciences Courses]
Course Code : GCMB205
- Foreign Business Language
Course Code :
- Open Elective Courses
Course Code :
- Outdoor Activity Based Courses
Course Code :

Semester 5

- In-House Practical Training [Supervised Independent Learning/ Non-Teaching Credit Courses]
Course Code : BTPT100
- Basics of Cancer [Specialisation Elective Courses]
Course Code : BIOT223
- Introduction to Biophysics [Specialisation Elective Courses]
Course Code : GCMB103
- Nutrition Technology [Specialisation Elective Courses]
Course Code : BIOT346
- Experimental Biotechnology [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]
Course Code : SMO327
- Functional Genomics [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]
Course Code : SMO428
- Introduction To Developmental Biology [MOOC (Amity On - line / NPTEL / SWAYAM / Future Learn)]
Course Code : SMO328

Semester 6

- Biomaterial Science [Specialisation Elective Courses]
Course Code : LS205
- Chemical Biology [Specialisation Elective Courses]
Course Code : GCMB211
- Concepts of Precision Medicine [Specialisation Elective Courses]
Course Code : BIOT425
- Environmental Toxicology and Health [Specialisation Elective Courses]
Course Code : BIOT313
- ADVANCED SKILLS IN QUALITY CONTROL CHEMIST_MICROBIOLOGIST [Employability & Skill Enhancement Courses]
Course Code : BIOT319
- Bioprocess Technology [Core Courses]
Course Code : BCE402
- Biotechnology and Entrepreneurship [Core Courses]
Course Code : BIOT306

- BASIC SKILLS IN QUALITY CONTROL CHEMIST_MICROBIOLOGIST [Employability & Skill Enhancement Courses]

Course Code : BIOT318

- Animal Biotechnology [Core Courses]

Course Code : BIOT211

- Fundamentals of Biochemical Engineering [Core Courses]

Course Code : BCE302

- Plant Biotechnology [Core Courses]

Course Code : BIOT203

- Recombinant DNA Technology [Core Courses]

Course Code : GCMB311

- Cognitive Skills, Leadership and Decision Making [Behavioural Science]

Course Code : BS309

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

- Environmental Biotechnology [Core Courses]

Course Code : BIOT402

- Enzymology [Core Courses]

Course Code : GCMB305

- Immunology and Immunotechnology [Core Courses]

Course Code : IMUN301

- Professional Ethics and Social Responsibility [Professional Ethics]

Course Code : PFE301

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

Semester 7

- Summer Internship [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : BTS1100

- Artificial Intelligence & Machine Learning in Life Sciences [Specialisation Elective Courses]

Course Code : BIOF417

- Bioprocess Plant Design [Specialisation Elective Courses]

Course Code : BCE401

- Biotechnology and Patent Law [Specialisation Elective Courses]

Course Code : LAW551

- Cancer Biology [Specialisation Elective Courses]

Course Code : BIOT401

- Essentials of Genomics and Proteomics [Specialisation Elective Courses]

Course Code : GCMB401

- Fundamentals of Project Management [Specialisation Elective Courses]

Course Code : POM203

Semester 8

- Major Project [Supervised Independent Learning/ Non-Teaching Credit Courses]

Course Code : BTMJ100

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :

- Immunoinformatics
[Specialisation Elective Courses]

Course Code : BIOI404

- Introduction to Biosensors
[Specialisation Elective Courses]

Course Code : BCS404

- Nanobiotechnology
[Specialisation Elective Courses]

Course Code : NANO111

- Pharmaceutical Biotechnology
[Specialisation Elective Courses]

Course Code : BIOI412

- Stem Cells and Tissue
Engineering [Specialisation
Elective Courses]

Course Code : BIOI325

- Seminar [Mandatory Courses]

Course Code : BTSM100

- Aspects of Indian History for
Engineers [Human Social
Sciences & Management
Courses]

Course Code : HIS1138

- Economics for Engineers [Human
Social Sciences & Management
Courses]

Course Code : ECDN132

- Law for Engineers [Human Social
Sciences & Management
Courses]

Course Code : LAW132

- Sociology for Engineers [Human
Social Sciences & Management
Courses]

Course Code : SOC104

- Downstream Processing [Core
Courses]

Course Code : BCS403

- Foreign Business Language

Course Code :

- Open Elective Courses

Course Code :

- Outdoor Activity Based Courses

Course Code :