• **GENERIC ELECTIVE SUBJECTS** (Offered by Biochemistry Department) *for students of other departments*

1. BCH-GE1: Biochemistry of Cell
2. BCH-GE2: Biochemical Techniques
3. BCH-GE3: Proteins and Enzymes
4. BCH-GE4: Biomembrane and Bioenergetics

• **GENERIC ELECTIVE SUBJECTS** (Offered by Microbiology Department) *for students of other departments*

MIC-GE1: Environmental Microbiology
MIC-GE2: Food Microbiology
MIC-GE3: Industrial Microbiology
MIC-GE4: Microbial and Molecular Genetics

• **GENERIC ELECTIVE SUBJECTS** (Offered by BOTANY Department) *for students of other departments*

1. BOT-GE-1: Biodiversity (Microbes, Algae, Fungi and Archegoniate)- Semester I
2. BOT-GE-2: Plant Ecology and Taxonomy- Semester I
3. BOT-GE-3: Plant Anatomy and Embryology- Semester II
4. BOT-GE-4: Plant Physiology and Metabolism- Semester II
• GENERIC ELECTIVE SUBJECTS (Offered by Chemistry Department) for students of other departments

I-Semester
CHE-GE 1: Atomic structure, bonding, general organic chemistry & aliphatic hydrocarbons OR
CHE-GE 2: Chemical energetics, equilibria & functional organic chemistry-I

II-Semester
CHE-GE 3: Solutions, phase equilibria, conductance, electrochemistry & functional group organic chemistry-II OR
CHE-GE 4: Transition metal & coordination chemistry, states of matter & chemical kinetics

• GENERIC ELECTIVE SUBJECTS (Offered by Anthropology Department) for students of other departments

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Paper No.</th>
<th>Title of Paper</th>
</tr>
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<tbody>
<tr>
<td>First</td>
<td>I</td>
<td>GE-1</td>
<td>Introduction to Anthropology</td>
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<tr>
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<td></td>
<td>GE-2</td>
<td>Biological Anthropology</td>
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<tr>
<td></td>
<td>II</td>
<td>GE-3</td>
<td>Introduction to Social-Cultural Anthropology</td>
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<tr>
<td></td>
<td></td>
<td>GE-4</td>
<td>Archaeological Anthropology</td>
</tr>
</tbody>
</table>

• GENERIC ELECTIVE SUBJECTS (Offered by Zoology Department) for students of other departments

1. BZO-GE1*: Animal Diversity
2. BZO-GE2*: Aquatic Biology
3. BZO-GE3*: Immunology
4. BZO-GE4*: Human Physiology

• GENERIC ELECTIVE SUBJECTS (Offered by Biotechnology Department) for students of other departments
**BTC-GE 1**: Biotechnology and Human Welfare

**BTC-GE 2**: Recombinant DNA Technology

**BTC-GE 3**: Plant Biotechnology

**BTC-GE 4**: Animal Biotechnology

- **GENERIC ELECTIVE SUBJECTS** (Offered by Biophysics Department) for students of other departments
  
  1. BPH-GE1: Physicochemical Techniques
  2. BPH-GE2: Human Physiology and Anatomy
  3. BPH-GE3: Radiation Biophysics
  4. BPH-GE4: Biomedical Instrumentation

- **GENERIC ELECTIVE SUBJECTS** (Offered by Geology Department) for students of other departments
  
  1. GEO-GE1: Essentials of Geology
  2. GEO-GE2: Rocks and Minerals
  3. GEO-GE3: Structural Geology
  4. GEO-GE4: Fossils & their Applications
- **GENERIC ELECTIVE SUBJECTS** (Offered by by Physics Department) for the students of Bio-Medical Sciences (BMS) and Physical Sciences (PHS):

<table>
<thead>
<tr>
<th>Bio-Medical Sciences</th>
<th>Physical Sciences</th>
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</thead>
<tbody>
<tr>
<td><strong>Semesters I</strong></td>
<td><strong>Semesters I</strong></td>
</tr>
<tr>
<td>PHY-GE1 (B) Electricity and Magnetism <strong>OR</strong></td>
<td>PHY-GE1 (P) Electricity and Magnetism <strong>OR</strong></td>
</tr>
<tr>
<td>PHY-GE2 (B) Mathematical Physics I</td>
<td>PHY-GE2 (P) Mathematical Physics I</td>
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<tr>
<td><strong>Semesters II</strong></td>
<td><strong>Semesters II</strong></td>
</tr>
<tr>
<td>PHY-GE3 (B) Elements of Modern Physics <strong>OR</strong></td>
<td>PHY-GE3 (P) Mechanics <strong>OR</strong></td>
</tr>
<tr>
<td>PHY-GE4 (B) Mechanics</td>
<td>PHY-GE4 (P) Mathematical Physics II</td>
</tr>
</tbody>
</table>

- **GENERIC ELECTIVE SUBJECTS** (Offered by Mathematics Department) for students of departments of Bio-Medical Sciences

  **Semester-I**

  1. MAT-GEBM1: Algebra and Geometry
  2. MAT-GEBM2: Mathematical Finance

  **Semester-II**

  3. MAT-GEBM3: Calculus
  4. MAT-GEBM4: Combinatorial Mathematics

**GENERIC ELECTIVE SUBJECTS** (Offered by Mathematics Department) for students of departments of Physical Sciences

  **Semester-I**

  1. MAT-GEPS1: Advanced Calculus and Geometry
2. MAT-GEPS2: Mathematical Finance  
   **Semester-II**

3. MAT-GEPS3: Linear Algebra  
4. MAT-GEPS4: Combinatorial Mathematics

**GENERIC ELECTIVE SUBJECTS (Offered by Statistics Department)**  
**Semester-I**

1. STAT GEI: STATISTICAL TECHNIQUES

**Semester-II**

2. STAT GEII: BIOSTATISTICS

- **GENERIC ELECTIVE SUBJECTS (Offered by Economics Department)**

  1. Introductory Microeconomics
  2. Introductory Macroeconomics