BSc Zoology

CBCS - PROGRAMME STRUCTURE

The minimum required Credits for different B.A/B.Sc/B.Com. Courses for the award of the Degree in the CBCS stream: BA, B.Sc B.Com

Accumulated minimum Credits required 120 credits 120 credits
Minimum Credits for Language Courses 33 credits 22 credits
Minimum Credits required for Foundation Courses 5 credits 5 credits
Credits required for Core Courses including Dissertation 50-56 credits 61 credits
Credits required for Complementary Courses 22-28 credits 12 credits
Minimum Credits required for Open Courses / Electives 4 credits 20 credits
Minimum Credits for Social Service/Extension activity 1 credit 1 credit

BREAKUP OF CREDITS FOR FDP UNDER CBCS STREAM

<table>
<thead>
<tr>
<th>Category of Courses</th>
<th>No.</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Language Courses</td>
<td>9</td>
<td>33</td>
</tr>
<tr>
<td>(2) Foundation Courses</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>(3) Core Courses [including Project]</td>
<td>15</td>
<td>56</td>
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<tr>
<td>(4) Complementary Courses</td>
<td>8</td>
<td>22</td>
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<tr>
<td>(5) Open Courses</td>
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<td>4</td>
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<tr>
<td>Total credits for a Programme</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>Social Service/Extension activities</td>
<td>1</td>
<td></td>
</tr>
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</table>

BA/BSc/BCom Programmes: CBCS Stream (Choice Based Credit and Semester Stream)

Compulsory Courses

**Language Course I**
English (Semesters 1, 2, 3& 4)

**Language Course II (Additional Language)**
Malayalam/Hindi/ Tamil/French/Syriac(Semesters 1, 2, 3& 4)

**Open/ Elective Courses (Compulsory)** Semester 5
Semester 1
[2016 Admissions]

Language Course: English
AUEN 111.2 Listening, Speaking and Reading

Additional language Course
AUFR 111.2 Communication Skills in French
AUML 111.2 MalayalaKavitha
AUHN 111.2 Prose and Grammar
AUTM 111.2 Puzhanku Tamil (Communicative Skills in Tamil)
AUSY111.2 Syriac Poetry, Grammar and History of the Literature (Upto the Golden Age)

Foundation Course-I
AUEN 121.2 Writings on Contemporary Issues

Complementary Courses
AUBO131.2e Microtechnique, Angiosperm Anatomy and Reproductive Botany
AUCH131.2e Theoretical Chemistry

Core Course
AUZO 141Animal Diversity I

Semester 2
[2016 Admissions]

Language Courses: English
AUEN 211.2 Environmental Studies
AUEN 212.2 Modern English Grammar and Usage

Additional language Course
AUHN 211.2 Fiction and Literary Analysis
AUML211.2 Gadhayasahithyam
AUTM 211.2 Ilakkiya Tamil
AUSY 211.2 Syriac Poetry, Grammar and History of the Literature (Post Golden Age)
AUFR 211.2 Translation and Communication in French

Foundation Course
AUZO 221Animal Diversity – II

Complementary Courses
AUBO 231.2e Phycology, Mycology, Lichenology, Bryology, Pteridology, Gymnosperms and Plant Pathology
AUCH 231.2e Inorganic and Bioinorganic Chemistry
Semester 3
[2015 Admissions]

Language Course: English
AUEN 311.2 Writing and Presentation Skills

Additional language Courses
AUHN 311.2 Drama, One Act Plays & Translation
AUML 311.2 Drishyakalasahithyam
AUFR 311.2 French Literature and Interpretation
AUSY 311.2 Syriac Prose, Grammar and History of the Syrian Church in India
AUTM 311.2 TamilarNaagarigamumPanpaadum

Complementary Courses
AUCH 331.2e Organic and Biophysical Chemistry I
AUO 331.2e Systematic Botany, Economic Botany, Ethno Botany and Plant Breeding

Core Courses
AUO 341 Methodology, Perspectives of Science and Bioinformatics
AUCH 343.2ePI Physical and Inorganic Chemistry I Lab
AUO 343.2ePI Botany Practicals

Semester 4
[2015 Admissions]

Language Course: English
AUEN 411.2 Readings in Literature

Additional language Courses
AUTM 411.2 Ariviyal Tamil
AUFR 411.2 French Culture and Civilisation
AUHN 411.2 Poetry, Grammar and History of Syrian Church in India
AUML 411.2 Vinimayam, Sargathmakarachana, Bashavabotham
AUSY 411.2 Prose, Grammar and History of Syrian Church in India

Complementary Courses
AUO 431.2e Plant Physiology, Ecology, Plant Biotechnology & Horticulture
AUCH 431.2e Organic and Biophysical Chemistry

Core Courses
AUO 441 Environment Studies, Toxicology & Disaster Management
AUO 43.2e PI Practical of Botany
AUCH 43PI.2e Practical of Chemistry
AUO 44p1 Practical 1 Methodology & Perspective of Science & Biology Animal Diversity 1 & 2
**Semester 5**
[2014 Admissions]

Core Courses
AUZO 541 Cell and Molecular Biology
AUBO 542 Genetics and Biotechnology
AUCH 543 Immunology and Microbiology
AUZO 54PII Cell Biology, Molecular Biology, Genetics, Biotechnology, Immunology and Microbiology

Open Course
AUZO 581.b Human Health and Sex Education

**Semester 6**
[2014 Admissions]

Core Courses
AUZO 641 Physiology and Biochemistry
AUZO 642 Developmental Biology and Experimental Embryology
AUZO 643 Ecology, Evolution, Ethology, Zoogeography
AUZO 644 Zoology Project & Field Study
AUZO 64PIII Physiology & Biochemistry
AUZO 64PIV Developmental Biology, Experimental Biology, Ecology, Ethology, Evolution and Zoogeography

Elective Course
AUZO 691.a Economic Zoology-Vermiculture and Apiculture