

B.Sc. Botany & Biotechnology

BA Journalism and Mass Communication & BSc Biotechnology PROGRAMME STRUCTURE

Study Components	No. of Courses	Credits/Course	Total Credit
<i>Language Courses</i>			
1. English	4	3	12
2. Additional Language	2	3	6
<i>Foundation Courses</i>	2	2-3	5
<i>Core Courses</i>	12-14	2-4	38
<i>Vocational Courses</i>	10-12	2-4	35
<i>Complementary Courses</i>	4-6	2-4	16
<i>Open/Elective Courses</i>	2	2	4
<i>Dissertation/project</i>	1	4	4

Semester 1 (2016 Admissions)

Language Course: English

AUEN 111.4 Listening, Speaking and Reading

Additional Language Course

AUFR 111.4 Business French-I

AUHN 111.4 Prose and Translation

AUML 111.4 Gadhyasahithyam

Foundation Course

AUBB 121 Methodology and Perspectives of Biotechnology

Complementary Course

AUBB131 Introduction to Biochemistry

Core Course

AUBB 141 Angiosperm Anatomy and Reproductive Botany

Vocational Course

AUBB 151 Microbiology

Semester 2 (2016 Admissions)

Language Course: English

AUEN 211.4 Modern English Grammar and Usage

Additional Language Course

AUFR 211.4 Business French-II

AUHN 211.4 Poetry, Novel and Communication Skill

AUML 211.4 Dhrishyakalasaahithyam

Foundation Course

AUBB221 Biophysics and Instrumentation

Complementary Course

AUBB 231 General Biochemistry

Core Courses

AUBB 241 Environmental Studies and Phytogeography

AUBB 24PI Practical Botany I

Vocational Courses

AUBB 251 Microbial Metabolism, Genetics and Diseases

AUBB 25PI Biotechniques I

Semester 3
(2015 Admissions)

Language Course: English

AUEN 311.4 Writing & Presentation Skills

Complementary Course

AUBB 331 Physiological aspects of Biochemistry

Core Courses

AUBB 341 Bryology, Pteridology, Gymnosperms & Paleobotany

AUBB 342 Environmental Studies and Phytogeography

Vocational Courses

AUBB 351 Protista and Animal Diversity

AUBB 352 Animal Physiology and Anatomy

Semester 4
(2015 Admissions)

Language Course: English

AUEN 411.4 Readings in Literature

Complementary Course

AUBB 431 Metabolism

AUBB 43PI Practical Biochemistry

Core Courses

AUBB 441 Horticulture, Mushroom Cultivation & Marketing

AUBB 442 Cell Biology, Plant Breeding and Evolutionary Biology
AUBB 44PII Practical Botany II

Vocational Courses

AUBB 451 Molecular Biology
AUBB 452 Immunology
AUBB 45PII Biotechniques II

Semester 5
(2014 Admissions)

Core Courses

AUBB 541 Plant Physiology
AUBB 542 Genetics

Vocational Courses

AUBB 551 Recombinant DNA Technology
AUBB 552 Plant Biotechnology
AUBB 553 Animal Biotechnology

Open Course

AUBB 581.b Food and Dairy Biotechnology

Semester 6
(2014 Admissions)

Core Courses

AUBB 641 Angiosperm Morphology and Systematic Botany
AUBB 642 Economic Botany, Ethnobotany & Medicinal Botany
AUBB 64P III Practical Botany III

Vocational Courses

AUBB 651 Industrial Biotechnology
AUBB 652 Environmental Biotechnology
AUBB 65P III Biotechniques III

Elective Course

AUBB 691.b Food and Dairy Biotechnology

Project

AUBB 653 Project in Biotechnology