

Bachelor of Science (B.Sc.) – Zoology, Botany & Chemistry (ZBC)

Duration: 3 Years (6 Semesters)

Program Type: Undergraduate Degree Program

Combination: Zoology, Botany & Chemistry (ZBC)

Total Credits: 140–150 (University Dependent)

Note: Subject codes may vary by university. The following is a standard university-style syllabus structure.

Year I (Semester I)

Subject Code	Subject Name
BOT101	Algae, Fungi & Bryophytes
BOT102P	Botany Practical-I
ZOO101	Non-Chordates
ZOO102P	Zoology Practical-I
CHE101	Inorganic Chemistry-I
CHE102P	Chemistry Practical-I
ENG101	English Communication
ENV101	Environmental Studies

Year I (Semester II)

Subject Code	Subject Name
BOT201	Pteridophytes, Gymnosperms & Pale botany
BOT202P	Botany Practical-II
ZOO201	Chordates
ZOO202P	Zoology Practical-II
CHE201	Organic Chemistry-I
CHE202P	Chemistry Practical-II
ENG201	English Language & Communication
AECC201	Skill Enhancement Course

Year II (Semester III)

Subject Code	Subject Name
BOT301	Plant Anatomy & Embryology
BOT302P	Botany Practical-III
ZOO301	Cell Biology
ZOO302P	Zoology Practical-III
CHE301	Physical Chemistry-I
CHE302P	Chemistry Practical-III
SEC301	Computer Applications
VAC301	Value Added Course

Year II (Semester IV)

Subject Code	Subject Name
BOT401	Plant Physiology
BOT402P	Botany Practical-IV
ZOO401	Genetics & Evolution
ZOO402P	Zoology Practical-IV
CHE401	Inorganic Chemistry-II
CHE402P	Chemistry Practical-IV
SEC401	Entrepreneurship Development
AECC401	Communication Skills

Year III (Semester V)

Subject Code	Subject Name
BOT501	Plant Ecology
BOT502P	Botany Practical-V
ZOO501	Animal Physiology
ZOO502P	Zoology Practical-V
CHE501	Organic Chemistry-II

Subject Code	Subject Name
CHE502P	Chemistry Practical-V
DSE501	Research Methodology
SEC501	Scientific Writing

Year III (Semester VI)

Subject Code	Subject Name
BOT601	Plant Biotechnology
BOT602P	Botany Practical-VI
ZOO601	Ecology & Environmental Biology
ZOO602P	Zoology Practical-VI
CHE601	Physical Chemistry-II
CHE602P	Chemistry Practical-VI
DSE601	Project Work / Dissertation
VIVA601	Viva Voce