

Proposed Course Structure
M.Sc. (Ag) Biochemistry, Batch: 2014

Semester I

Course Code	Course Title	Credits	(L-T-P)
BCBE 708	General Biochemistry	3	(2-0-2)
BCBE 709	Animal biochemistry	3	(2-0-2)
TE 801	Plant tissue culture technology	3	(2-0-2)
BCBE 706	Techniques in biochemistry and instrumentation	3	(2-0-2)
BCBE 702	Intermediary metabolism I	3	(2-0-2)
MAS 511	Statistical Methods	3	(2-0-2)

Total credits: 15

Semester II

Course Code	Course Title	Credits	(L-T-P)
MAS 815	Experimental Design	3	(2-0-2)
BCBE 813	Enzyme Technology	3	(2-0-2)
BCBE 705	Intermediary metabolism II	3	(2-0-2)
BCBE 710	Plant Biochemistry I	3	(2-0-2)
BCBE 824	Biochemistry of fruits & vegetables	3	(2-0-2)
BCBE 711	Environmental biochemistry	2	(2-0-0)
BCBE 780	Seminar I	1	(0-0-2)

Total credits: 18

Semester III

Course Code	Course Title	Credits	(L-T-P)
BCBE 825	Plant Biochemistry II	3	(3-0-0)
BCBE 826	Soil biochemistry	3	(2-0-2)
BCBE 827	Seed biochemistry	3	(2-0-2)
BCBE 828	Inorganic nitrogen metabolism	2	(2-0-0)
MCE 802	Plant Biotechnology	3	(2-0-2)
BCBE 829	Biochemistry of biotic & abiotic stress	2	(2-0-0)
BCBE 830	Metabolism of pesticides	2	(2-0-0)
BCBE 880	Seminar II	1	(0-0-2)
BCBE 899	Dissertation	8	(0-0-16)

Total credits: 27

Semester IV

Course Code	Course Title	Credits	(L-T-P)
BCBE 899	Dissertation	22	(0-0-44)

Overall Credits: 82