

TAMIL NADU AGRICULTURAL UNIVERSITY

**B.Sc. (Agriculture)
Syllabi (2007-11)**

TAMIL NADU AGRICULTURAL UNIVERSITY

Coimbatore –641 003

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B.Sc. (Agriculture)

CORE COURSES			
1	AGR 101	Principles of agronomy and agricultural heritage	1+1
2	AGR	Soil Conservation and Water management	2+1
3	AGR	Agronomy of crops	2+1
4	AGR	Practical crop production (two semesters)	0+1
5	AMT	Atmospheric Science & climate risk management	2+1
6	PBG	Agricultural botany, genetics & cytogenetics	2+1
7	PBG	Principles and methods of plant breeding	2+1
8	SST	Principles and practices of seed science and technology	2+1
9	ABT	Principles of plant biotechnology	2+1
10	CRP	Crop physiology	2+1
11	SAC 101	Fundamentals of Soil science	2+1
12	SAC	Fertilizer Technology & Nutrient Management	2+1
13	AEC	Principles of agricultural economics	2+1
14	AEC	Agricultural finance, marketing and International trade	2+1
15	AEN	Fundamentals, Economic Entomology and Sericulture	2+1
16	ABN	Crop and stored pests management	2+1
17	FMP	Farm machinery and renewable energy	2+1
18	FSN / APE	Food Science and Post Harvest Technology	2+2
19	HOR	Production technology of horticultural crops	2+1
20	HOR	Floriculture, Landscaping and Turf Management	2+1
21	PAT	Principles of plant pathology	2+1
22	PAT	Disease and Nematode management in crops	2+1
23	AGM	Agricultural & Industrial Microbiology	2+1

24	AEX	Extension methodologies and transfer of agricultural technology	
TOTAL			45+25=70

SUPPORTING COURSES			
25	BIC	Biochemistry	2+1
26	FOR / ENS	Forestry, Natural Resources & Environmental Sciences	2+1
27	AMP	Livestock and poultry production technology	1+1
TOTAL			5+3=8

RAWE/AITP/Tour/NCC/NSS/PED			
28	TAU	AITP	0+1
29	TAU	RAWE / Internship with Village Stay, Ag.Extn.Dept, NGO and Tamil Language Orientation	0+6
30	TAU	Industry and Institutional Educational Tour - two programs of 14 days each	0+1
31	TAU	Project work (two semesters)	0+1
32		NCC/NSS (Off-class mode)	0+1
33	PED	Physical education (Off-class mode)	0+1
TOTAL			0+11=11

PROFESSIONAL ELECTIVES	
Inter disciplinary courses having concept orientation Example: Crop Production, Crop Protection etc., consisting of 7 courses per concept.	18

UNIVERSITY COMMON COURSES

1.	TAG 101	Applied Physical Sciences (Content includes Physics & General Chemistry)	2+1
2.	TAG	Fundamentals and Applications of Nano-technology	1+1
3.	COM 101	Introduction to Computer Technology and Programming Languages (Off-class mode)	0+2
4.	TAG	Applied Agro informatics	2+1
5.	PHY	Basic Electronics & Instrumentation Technology	2+1
6.	MAT 101	Applied Mathematics	2+1
7.	STA	Applied Statistics	2+1
8.	ABM	Agri Business Management – I	2+1
9.	ABM	Agri Business Management – II (Content includes Packaging, Food safety & Supply chain Management)	2+1
10.	LAN	Soft Skills (Off-class mode)	0+1
11.	LAN	English Speaking and Writing Skills (Off-class mode)	0+2
Total Credits			15+13=28

ABSTRACT

	No. of courses	Credit hours
University Common Courses	11	28
Core courses	24	70
Supporting course	3	8

RAWE/AITP/Tour/NCC/NSF2.0 1 1