

Scheme Of Studies B.Sc. (Hons.) Agri. Major Seed Science & Technology

SEMESTER-V (Students will opt for 2 credit hours from elective major courses)				
Course Code	Title	Credit Hours	Offering Dept.	Course Type
SST-501	PRINCIPLES OF SEED SCIENCE	3(2-1)	PBG	Major
SST-503	PHYSIOLOGY OF SEED DEVELOPMENT	3(2-1)	AGR	Major
SST-505	SEED PRODUCTION OF FIELD CROPS	3(2-1)	PBG	Major
SST-507	SEED PRODUCTION OF TRANSGENIC CROPS	3(2-1)	PBG	Major
PBG-503	PRINCIPLES AND METHODS OF PLANT BREEDING	3(2-1)	PBG	Major
PBG-513	HYBRID SEED PRODUCTION TECHNOLOGY	3(2-1)	PBG	Major
Total Credit Hours		18		
PBG-509	EXPERIMENTATION IN PLANT BREEDING	2(0-2)	PBG	Elective Major
PBG-517	MUTATION BREEDING IN CROP PLANTS	2(1-1)	PBG	Elective Major
SS-515	SOIL FERTILITY EVALUATION	2(1-1)	SS	Elective Major
TGM-501	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC		Compulsory
Total Credit Hours		20		
SEMESTER-VI (Students will opt for 5 credit hours from elective major courses)				
SST-502	PRINCIPLES OF SEED GENETICS	3(2-1)	PBG	Major
SST-504	SEED GERMINATION AND DORMANCY	3(2-1)	AGR	Major
SST-506	SEED CERTIFICATION AND REGISTRATION	2(1-1)	PBG	Major
SST-508	MATERNAL GENETICS AND SEED DORMANCY	2(2-0)	PBG	Major
MAB-516	SEED TRADE POLICIES AND REGULATIONS	2(2-0)	MAB	Elective Major
SST-512	BIOLOGICAL DATA SCIENCE	3(1-2)	PBG	Major
Total Credit Hours		15		
ENT-508	STORED PRODUCTS PESTS & THEIR MANAGEMENT	3(2-1)	ENT	Elective Major
SST-510	BIOLOGICAL POTENTIAL OF VARIOUS CROPS	2(2-0)	PBG	Elective Major
FMP-512	SEED PROCESSING INDUSTRIES & THEIR MAINTENANCE	3(2-1)	FMP	Elective Major
SS-516	NUTRIENT MANAGEMENT IN DEGRADED SOILS	2(2-0)	SS	Elective Major
TGM-502	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC		Compulsory
Total Credit Hours		20		
SEMESTER-VII (Students will opt for 5 credit hours from elective major courses)				
SST-601	SEED TESTING	3(1-2)	AGR	Major
SST-603	SEED STORAGE	3(2-1)	AGR	Major
PBG-605	VARIETY REGISTRATION AND IPRS	2(1-1)	PBG	Major
SST-607	SEED HEALTH AND VIGOUR	3(2-1)	PP	Major
SST-611	PREPARATION OF RESEARCH PROJECT & SCIENTIFIC WRITING	2(1-1)	PBG	Major
SST-615	BREEDING FOR SEED QUALITY TRAITS	2(1-1)	PBG	Major
Total Credit Hours		15		
PP-601	PLANT DISEASE MANAGEMENT	3(2-1)	PP	Elective Major
MAB-617	SEED MARKETING AND LOGISTICS	3(3-0)	MAB	Elective Major
Hort-605	NURSERY PRODUCTION AND MANAGEMENT	3(2-1)	HORT.	Elective Major
PBG-617	BIO-SAFETY MEASURES IN HANDLING GENETIC MATERIAL	2(1-1)	PBG	Elective Major
Hort-615	PRINCIPLES OF FLOWERS AND VEGETABLE SEED PRODUCTION	2(1-1)	HORT.	Elective Major
ENT- 613	POST-HARVEST PROTECTION OF CEREALS	2(1-1)	ENT	Elective Major
TGM-601	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC		Compulsory
Total Credit Hours		20		
SEMESTER-VIII				
SST-602	INTERNSHIP	3(0-3)		Major
SST-604	CAPSTONE PROJECT	3(0-3)		Major
	Total credit hours	6		