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VIVEKANANDA GLOBAL UNIVERSITY

(Established by Rajasthan State Legislature and covered u/s 2(f) of the UGC Act, 1956)

FACULTY OF BASIC AND APPLIED SCIENCES (Department of Agriculture)

SCHEME & SYLLABUS

FOR M.Sc.(Ag.) Agronomy III & IV Semesters

(Implemented from Academic Session 2017-18)

Sem	I	II	III	IV	Total
Credits	15	15	12	18	60

SESSION: 2018-19

AGRONOMY

M.Sc. Ag Programme

I Semester

Course No.	Course title	Credit hours
AGRON 511	Agrometeorology and crop weather forecasting	3(2+1)
AGRON 512*	Principles and practices of water management	3(2+1)
AGRON 513*	Principles and practices of soil fertility and nutrient Management	3(2+1)

II Semester

AGRON 521*	Modern concepts in crop production	3(3+0)
AGRON 522*	Principles and practices of weed management	3(2+1)
AGRON 523	Dryland farming and watershed management	3(3+0)
AGRON 524	Cropping systems and sustainable agriculture	3(3+0)

III Semester ,M.Sc.(Ag)

AGRON 531	Agronomy of major cereals and pulses	3(2+1)
AGRON 532	Agronomy of oilseeds, commercial and fibre crops	3(2+1)

IV Semester

AGRON 541	M.Sc. Seminar	1(0+1)
AGRON 542	M.Sc. Comprehensive	2(0+2)
AGRON 543	M.Sc. Research	15

**Core subjects*

Minor and supporting/related courses for students of M.Sc.(Ag.) and Ph.D. (Agronomy)

M.Sc.(Ag.)

Supporting courses

i.	STAT 511	Statistical methods	3(2+1)
ii.	STAT 521	Experimental designs	3(2+1)

Minor courses

i.	SOILS 513	Analytical techniques and instrumental methods in soil and plant analysis	3(2+1)
ii.	PPHYS 531	Hormonal regulation of plant growth and development	3(2+1)
iii	SOILS 532	Management of problem soils and waters	3(2+1)