



MAA VINDHYAVASINI UNIVERSITY
MIRZAPUR, UTTAR PRADESH

AGRICULTURAL SCIENCES

ORDINANCES GOVERNING
M.Sc. (Ag.) & B.Sc. (Ag.) Honours Courses

Ch. Kumar
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Simd
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MAA VINDHYAVASINI UNIVERSITY
ORDINANCES GOVERNING
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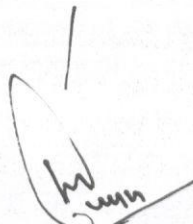


ORDINANCES GOVERNING ADMISSION TO M.Sc. (Ag.) COURSES

	ADMISSION
2.1	MODE OF ADMISSION As per university guidelines/rules
2.2	ELIGIBILITY (a) Candidates with four years B.Sc. (Ag.) Degree As per university guidelines/rules course programme under the guidelines of ICAR or an equivalent qualification. (b) Candidates with four years B.Sc. (Hort.) Degree with credit based course programme under the guide lines of ICAR will be considered for M.Sc. (Ag) Horticulture courses.
2.3	NUMBER OF SEATS As per university guidelines/rules.
2.4	ADMISSION OF FOREIGN NATIONALS if any As per University rules.
2.4.1	ADMISSION OF UNIVERSITY EMPLOYEES As per University rules existing at the time of admission.
2.4.2	ADMISSION OF SONS/DAUGHTERS OF PERMANENT EMPLOYEES OF THE UNIVERSITY As per University rules existing at the time of admission.
2.4.3	Twenty five per cent (25%) supernumerary seats shall be available for admission of candidates on the basis of the All India Combined Examination conducted by the I.C.A.R. for MasLer's Degree Programme when even ICAR desires/as per University rules.
2.5	ACADEMIC RECORD RATING As per university guidelines/rules.
2.6	SCHEME OF ENTRANCE EXAMINATION (M.Sc. Ag.) As per university guidelines/rules.
2.6.1	SYLLABUS FOR THE ENTRANCE EXAMINATION The question paper shall be based on B.Sc. (Ag.) courses generally taught at graduation level by ICAR As per university guidelines/rules.
2.7	MERIT LIST FOR ADMISSION As per university guidelines/rules.
2.7.1	EVALUATION As per university guidelines/rules.
2.8.1	INSTITUTIONAL PREFERENCE As per University rules.

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Appendix – An Equivalent M. Sc. (Ag.) degrees or allied subjects for ARET

Sr. No.	Disciplines of Ph.D.	Proposed
1.1	Agronomy	M.Sc./M.Sc. (Ag.) in Agronomy / production/Crop Husbandry/ Agroforestry.
1.2	Entomology	M.Sc./M.Sc. (Ag.) in Entomology/ Entomology & Plant Protection (with major in
1.3	Extension Education	M.Sc./M.Sc. (Ag.) in Agricultural Extension/ Extension Education/ Dairy Extension/ Communication and Extension/ Home Science.
1.4	Genetics and Plant Breeding	M.Sc./M.Sc. (Ag.) in Genetics and Plant Breeding/ Plant Breeding/ Plant Breeding & Genetics/ Genetics.
1.5	Horticulture	M.Sc./M.Sc. (Ag.) in Horticulture/ Pomology/ Vegetables Sciences/ Floriculture/ Fruit & Horticultural Technology.
1.6	Plant Pathology	M.Sc./M.Sc. (Ag.) at Plant Pathology/ Plant Pathology/ Plant Pathology & Nematology
1.7	Soil Science & Agricultural Chemistry	M.Sc./M.Sc. (Ag.) in Soil Science and Agricultural Chemistry/ Soil Science/ Agricultural Physics/ Agricultural Biochemistry/ Agricultural Chemicals.

ORDINANCES GOVERNING CREDIT AND COURSE REQUIREMENTS OF M.Sc. (Ag.)

5.0	RESIDENTIAL REQUIREMENT
5.1	Minimum residential requirement for Master of Science (Ag.) degree shall be four (4) semesters, extendable to a maximum of Eight (8) semesters in total.
5.1.1	CREDIT AND COURSE REQUIREMENT
	i. Minimum Credit Requirements
	Course work
	Major discipline 20
	Minor disciplines 09
	Supporting subject(s) 05
	Non-Credit compulsory courses (06) 06
	Master Seminar 01
	Master Research 30
	Total 71
	ii. Comprehensive Exam (oral and internal) Non-credit.
	iii. Stat. 501 shall be one of the supporting courses compulsory for all M.Sc. (Ag) Students.
5.2	A student shall opt Minor courses of 9 credit including the supporting Statistics course (Stat. 501). The course AGR 514 will be taken as STAT 501.
5.3	SEMINAR
	A student shall be required to deliver a seminar. The seminar will be assessed (satisfactory / unsatisfactory) by a committee comprising the Head of the Department, one senior most teacher other than the Head of the Department and the Seminar In-charge. In case the seminar is unsatisfactory the student will deliver the Seminar again in the same semester.
5.4	CREDIT LOAD PER SEMESTER
5.4.1	Credits offered by a student shall be decided by the Chairman of the Advisory Committee.
5.4.2	A student shall offer a minimum of 8 credits and a maximum of 18 credits in each semester including thesis credits.
5.4.3	The minimum prescribed load shall not be mandatory beyond the first four semesters of study.





ORDINANCES GOVERNING EVALUATION OF M.SC. AG COURSE WORK

7.0 EXAMINATIONS

The students achievements shall be evaluated on the basis of their performance in different tests in the form of written and practical examinations, and thesis and viva-voce examination where applicable. The various tests, their number and relative weightage in each semester shall be as follows:

	Name of Test	No.	Relative Weightage
(i)	Theory and Practical Course		
	(a) Mid-semester Examination	One	30%
	(b) End-semester Examination		
	(i) Theory	One	40%
	(ii) Practical	One	30%
(ii)	Theory or Practical Courses on		
	(a) Mid-semester examination	One	40%
	(b) End-Semester Examination	One	60%

(vi) Evaluation of Non credit compulsory courses

Shall be done as other regular credit courses (Midterm and End term).

7.1 MID-SEMESTER EXAMINATION

The mid-semester examination shall be of two hour's duration and shall generally cover 50 percent of the total course.

7.2 END-SEMESTER EXAMINATION

This examination covering the entire subject matter of a course, shall be held at the end of each semester. The duration of the examination shall be of 2 or 3 hrs.

7.2.1 The End Term Examination shall be confidential and maybe as per university guidelines/rules examination.

7.3 SUBMISSION OF GRADE

The Grades shall be sent within 10 days of the conduct of the examinations, and the answer books of all the examinations shall be returned to the Controller of Examinations/ As per university guidelines/rules

7.3.1 SIGNIFICANCE OF GRADES

The examinations conducted throughout the semester shall be evaluated in numerals assigning 100 marks to each course. The numerical rating shall be converted to ten point system by placing a decimal before the last digit called here-in-after "grade"

GRADE For M.Sc. (Ag.)	EXPRESSION
8.00 and above	Excellent
7.00-7.99	Good
6.00-6.99	Fair
Below 6.0	FAIL

7.3.2 EQUIVALENCE OF GRADES IN PERCENT AND AS DIVISION

M.Sc. (Ag.)	
Grade x 10.0 = % marks	
70% and above = First Division	
Above 65% but below 70% = Second Division	
Below 60% = Fail	

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CALCULATION OF GP, GPA and OGPA

Grade point and overall grade point average shall be calculated as illustrated here under

Credits	Marks				Grade		OGPA
	Mid-term	End-term	Pract	Total	Grade	Grade Point	
							53.6/7=7.657
3 (2+1)	25	33	22	80	8.0	24.0	
2 (2+0)	28	50	-	78	7.8	15.6	
2(0+2)	18	-	52	70	7.0	14.0	
7 (4+3)						53.6	

Note :-

Grade Point (GP)	: Grade x Credit
Grade Point Average	: GP/Credit
Over All Grade Point Average (OGPA)	: Total GP/Total Credits Grade
	: Total Marks in a Course / 10

MINIMUM GRADE POINT REQUIREMENT FOR PASSING A COURSE / SEMESTER/ DEGREE PROGRAMME

Minimum grade points required are given below:

Passing requirement of	M.Sc. (Ag.)
A course	6.0
A semester	6.5
An academic year	6.5
Degree Programme	6.5

1 Significance of OGPA

M.Sc. (Ag.)	EXPRESSION
8.00 and above	Excellent
7.00-7.99	Good
6.50-6.99	Fair
Below 6.50	FAIL

PROMOTION FROM FIRST SEMESTER TO SECOND SEMESTER/CURRENT ACADEMIC YEAR TO THE NEXT ACADEMIC YEAR

1 A student who maintains or fails to maintain the minimum prescribed GPA/OPGA (clause 7.5) at the end of I semester of an Academic year shall be promoted to the II semester of that Academic year.

2 A student who maintains the minimum prescribed GPA/OGPA (clause 7.5) for each of the semesters at the end of 2nd Semester of an academic year and does not carry a grade of less than 6.0 for M.Sc.(Ag) in any course shall be declared to have passed that Academic year and shall be promoted to the next Academic year.

IMPROVEMENT OF GP/OGPA

1 A repeat examination shall be held for both the odd and even semesters at the end of the concerned academic year for those students who have failed in any of the courses taught during one or both of the semesters or have failed to appear in any of the examinations, if otherwise, eligible. Students who could not appear in the examinations shall be required to produce valid reasons for the absence/ As per university guidelines/rules.

2 M.Sc. (Ag.) students less than 7.0; and willing to improve their GP/OGPA may also appear in this examination. The repeat examination shall also be evaluated as provided under clause 7.0.
As university guidelines/rules.

An M.Sc. (Ag.) student shall not be allowed to improve his/her GP/OGPA after the Thesis viva-vic examination.

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7.7.4	The weightage of the Repeat examination shall be as under:		
	PARTICULARS OF COURSE	EXAMINATION	
		THEORY	PRACTICAL
	Theory + Practical	50%	50% (20*+30)
	Theory only	100% (40+60)	--
	Practical course only	--	100% (40*+60)
	Note – (*) = Mid semester exams		
7.7.5	The better of the two grades shall be used in the computation of GP/OGPA.		
7.7.6	Only one chance shall be given to a candidate for improving his/her GP in a course.		
7.7.7	In case a student appearing in the repeat examination vice clause 7.7 supra fails to obtain the minimum prescribed GP/GPA/OGPA he/she shall be declared to have failed in the class where studying.		
7.7.8	The repeat examination shall be evaluated as provided under clause 7.0.		
7.8	TRANSCRIPT OF A STUDENT		
	<p>The transcript of a student shall indicate:</p> <ul style="list-style-type: none"> (i) Course number, course title, credit value, grade, GPA/OGPA and comprehensive, seminar, viva-voce and thesis examination reports and the title of the thesis wherever applicable. (ii) The transcript shall be issued for each of the semesters. (iii) Successive transcripts shall carry forward the GPA/OGPA unto the last semester. A combined transcript shall be issued after completion of the degree programme. (iv) The result shall be indicated as: PASSED/FAILED/PROMOTED as may be applicable. (v) The transcript will carry the following formula for the conversion of OGPA into percent marks: $\% \text{ Marks} = \text{OGPA} \times 10$ 		
7.9	MERIT OF A STUDENT		
7.9.1	The merit shall be decided on the basis of OGPA obtained.		
7.9.2	Students having same OGPA shall be bracketed together.		

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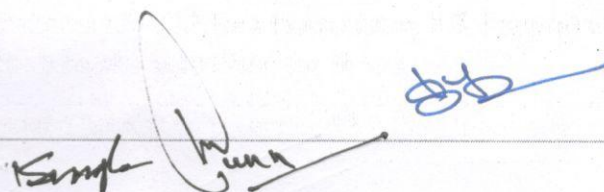
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ORDINANCES GOVERNING SPECIAL EXAMINATIONS AND THESIS WORK OF

M. Sc. (Ag.)

8.0	ADVISORY COMMITTEE FOR M.SC. (AG.) STUDENTS As per university guidelines/rules
8.1	A student enrolled in Master's degree programme shall be guided by an Advisory Committee comprising three members, two representing the major discipline and one representing the minor discipline.
8.1.1	The Supervisor of the candidate thesis, appointed by the Admission Committee of the Department concerned, shall be the Advisor - Chairman. The Chairman will nominate the other members specified above in consultation with the Head of the Department concerned. However, the member from the minor discipline shall be nominated from such a discipline where the student is going to offer maximum credits/ As per university guidelines/rules.
8.1.2	FUNCTION OF THE ADVISORY COMMITTEE
	The Advisory Committee shall guide the student in the choice of courses in the major, minor disciplines, supporting courses and selection of suitable research problem for thesis and in all other matters relating to his/her academic activities/ As per university guidelines/rules.
8.1.3	The details of the programme of work prepared by the Advisory Committee, shall be submitted to Head of the Department for onward transmission to the Controller Examinations before the end of each Semester/ As per university guidelines/rules
8.2	COMPREHENSIVE EXAMINATION
	A student shall be eligible to appear in the comprehensive examination as soon as he/she successfully completes at least 75% of his/her course requirement. The examination shall be oral and shall be conducted by the Advisory Committee vide a notification of the Head of the Department. No grades shall be awarded in this examination. The performance will be judged as Satisfactory / Unsatisfactory.
8.2.1	In case the performance of a student is judged unsatisfactory he/she shall be required to appear again after a lapse of at least 8 weeks from the last oral examination.
8.3	THESIS SUPPLICATION
8.3.1	An M.Sc. (Ag.) student shall submit his/her thesis during the fourth semester but on or before 30 th June.
8.3.2	A student submitting his/her thesis after the stipulated date shall be required to register in the current semester with ZERO credits and pay full semester fees.
8.3.3	A student who submits his/her thesis after 30 June (vice clause 8.3.1 supra) shall be awarded degree of the academic session in which he/she submitted the thesis.
8.3.4	Hard bound thesis, in the standard format as prescribed by the University
8.4	THESIS EVALUATION
8.4.1	APPOINTMENT OF EXAMINER (S)
	The M.Sc. (Ag.) thesis shall be evaluated by the Chairman of the Advisory Committee and One External Examiner. The name of External Examiner shall be decided by the Board of Examiners of the Department from a panel of three eminent persons in the subject area proposed by the Chairman/ As per university guidelines/rules.



8.4.2	The examiners will give a detailed report on the thesis making a clear recommendation whether "Accepted / Rejected/ To be Revised".
8.4.3	In case one of the examiners rejects the thesis it will be sent to a third examiner, whose report will be final.
8.4.4	In case the examiner recommends revision, the revised thesis shall be sent to the same examiner for final recommendation.
8.4.5	Re submission will be permitted only once.
8.5	In case the thesis reports are "Satisfactory", viva-voce examination shall be conducted only when he / she has successfully completed all the examinations as per clause 7.5 as well as written and/or oral comprehensive examination (s). The viva-voce examination shall be conducted by the members of the Advisory Committee and the External Examiner who has evaluated the thesis. The examiners shall submit a comprehensive viva-voce report making clear recommendation whether "Satisfactory/ Unsatisfactory.
8.5.1	In case the External Examiner who has evaluated the thesis declines to conduct the viva-voce examination, it shall be conducted by the members of the Advisory Committee and another external examiner appointed by the Board of Examiners of the Department.
8.5.2	In case the viva-voce report is "Unsatisfactory" the repeat viva-voce examination shall be conducted vice 8.5 after a lapse of at least 8 (eight) weeks from the last viva-voce examination.
8.5.3	In case the student fails again (8.5.2) he/she shall be declared "Failed" and removed from the rolls of the Institute.
8.6	DECLARATION OF RESULT
	The final result of an M.Sc. (Ag.) student shall only be declared when he/she has successfully completed all the requirements (clause 7.5, 8.2 and 8.4 <i>supra</i>).

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ORDINANCES DEFINING OTHER TERMS

9.0	ACADEMIC YEAR
	The Academic year shall be divided into two (2) semesters of approximately 120 working days each including examinations.
9.1	FEES
	Students shall pay fees as prescribed by the University from time to time.
9.2	COURSE/ DISCIPLINES
9.2.1	MAJOR DISCIPLINES
	The particular course in which a student is enrolled shall be his/her major discipline.
9.2.2	MINOR DISCIPLINE
	A related discipline other than the major discipline in which a student offers at least six credit of courses shall constitute his/her minor discipline.
9.2.3	CORE COURSE
	Compulsory course prescribed for all the students of the Major Discipline.
9.2.4	OPTIONAL COURSE
	Courses of the Major discipline that a student can elect on the advice of the RPC.
9.2.5	<p>(i) MINOR COURSES Courses of sister discipline that a student admitted to a Major Discipline can elect on the advice of the RPC.</p> <p>(ii) SUPPORTING COURSES It could be any subject considered relevant for student's research work or necessary for building his overall competence.</p>
9.2.6	OFFERING OF THE SAME COURSE: A student cannot offer the same course again in any degree programme unless failed.
9.3	REGISTRATION
9.3.1	REGISTRATION IN A SEMESTER
	The students shall be required to pay their fees As per university guidelines/rules.
9.3.2	REGISTRATION IN A COURSE
	The students of M.Sc. (Ag.) shall be required to register for course/courses within As per university guidelines/rules
9.4	CANCELLATION OF ADMISSION/REGISTRATION OF M.Sc. (Ag.) Students
	<p>The admission of a student is liable to be cancelled on the occurrence of any one of the following:</p> <ol style="list-style-type: none"> If he/she fails to deposit fees As per university guidelines/rules. If a M.Sc. (Ag.) student fails to register in any course / thesis credits in any of the semester(s) unless he/she has dropped that semester(s). On an act of indiscipline as per university rules.

9.5	ABSENCE FROM EXAMINATION
	A candidate who fails to appear at any of the examination shall be marked absent and awarded ZERO mark in the Examinations.
9.6	RE-ADMISSIONS
	As per university guidelines/rules.
9.6.1	RE-ADMISSION OF A FAILED STUDENT
9.6.2	As per university guidelines/rules.
9.6.3	A post graduate student (M.Sc. (Ag.)) may be readmitted in the current semester. He/she shall be required to complete the degree programme within the maximum residential period prescribed to be counted from the date of his/her first admission.
9.6.4	READMISSION OF A STUDENT DETAINED FROM APPEARING IN EXAMINATIONS
	As per university guidelines/rules.
9.6.5	In case a re-admitted student (readmitted on failure or after detention) fails again at the end of the academic year in the main as well as in repeat examinations, he/she shall be removed from the rolls of the University/ as per university guidelines/rules.
9.7	DROPPING OF A COURSE
	As per university guidelines/rules.
9.8	TEMPORARY WITHDRAWAL FROM STUDENTS
	As per university guidelines/rules.
9.9	SCRUTINY
	A student finding some discrepancy in his/her transcript will submit an application within As per university guidelines/rules.
9.10	UNFAIR MEANS
	Students found using unfair means during any examination shall be punished as per the university ordinances applicable at that time.
9.11	ATTENDENCE REQUIREMENT
	As per university guidelines/rules.
9.12	LEAVE OF A RESEARCH STUDENT
	As per university guidelines/rules.
9.13	CONDUCT OF VIVA-VOCE (ORAL) EXAMINATION IN THE ABSENCE OF CHAIRMAN OF THE ADVISORY COMMITTEE/ RPC.
9.13.1	In the absence of the chairman the viva-voce (oral) examinations of M.Sc. (Ag.) student shall be conducted under chairmanship of Co-supervisor, if any or the head of the department with prior permission of the competent authority/ As per university guidelines/rules.
9.13.2	In the absence of a member, the chairman of the advisory committee/ RPC will nominate another member(s) on the advisory committee / RPC in consultation with the head of the department. The name of the member will be recorded as additional name(s).
9.14	TITLE OF THE DEGREES
9.14.1	The degrees to be awarded after the successful completion of various courses shall have the following titles.
9.14.2	Master of science in Agriculture: <ul style="list-style-type: none"> (i) Agronomy (ii) Entomology (iii) Extension Education (iv) Genetics and Plant Breeding (v) Horticulture (vi) Plant Pathology (vii) Soil Science and Agricultural Chemistry
9.14.3	Specializations within a degree (M.Sc. Ag. may be indicated/ As per university guidelines/rules.

9.15	COMMITTEES OF THE INSTITUTE / DEPARTMENT
	As per university guidelines/rules.
9.15.1	INSTITUTE ADMISSION COMMITTEE
	As per university guidelines/rules.
9.15.2	ADMISSION COMMITTEE OF THE DEPARTMENT
	As per university guidelines/rules.
9.15.3	BOARD OF EXAMINERS OF THE DEPARTMENT
	As per university guidelines/rules.

Enrol





Note:

From the date when these Ordinances come into operation all previous ordinances on the subject shall cease to have effect. Provided that this revocation shall not affect the previous Ordinances so revoked or anything done or suffered under any previous Ordinance so revoked or affect any right, privilege, obligation or liability acquired, arrived or incurred under any Ordinance so revoked.

Notwithstanding anything contained in these Ordinances, any question which is not covered by these Ordinances or any difficulty arising out of these Ordinances, shall be dealt As per university guidelines/rule.

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**MAA VINDHYAVASINI UNIVERSITY,
MIRZAPUR, U.P.
B.Sc. (Ag.) Honours Ordinance**

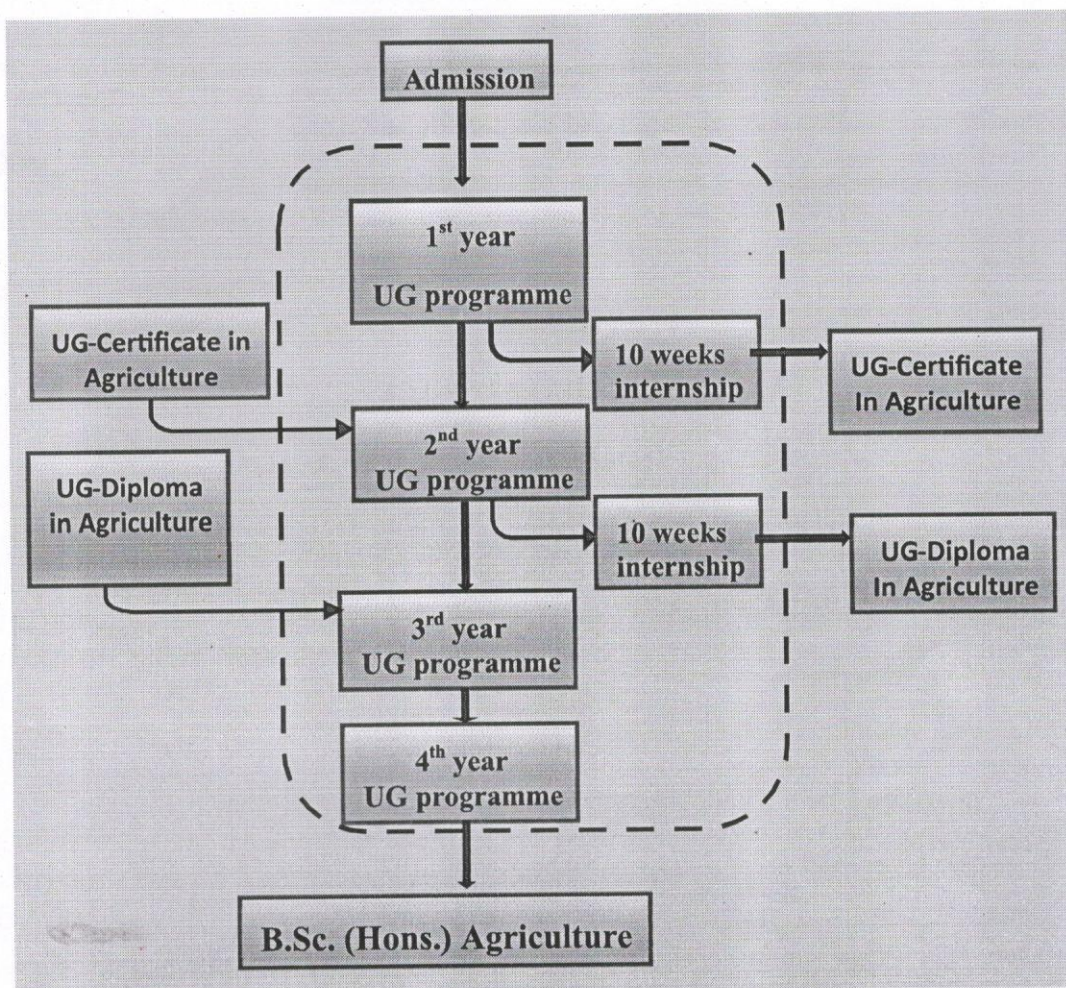


Fig. 1 Entry and Exit options for the UG programme in Agriculture Exit options

1. **UG-Certificate in Agriculture** (exit after first year and completion of 10 weeks' internship)
2. **UG-Diploma in Agriculture** (exit after second year and completion of 10 weeks' internship)
3. **B.Sc. (Hons) Agriculture** (on successful completion of four-year degree requirements)

Eligibility for Entry into 1st year UG programme: +2 Science with biology as one subject

Provision for multiple exit and entry into the UG programme in agriculture has been made in the light of NEP-2020. A student may exit after completion of 1st year and 2nd year requirements followed by 10 weeks of internship after 1st year and 2nd year, respectively, to get UG-Certificate in Agriculture and UG-Diploma in Agriculture.

The Universities may consider allowing lateral entry for the candidates having Diploma in Agriculture (as such courses are available in many states and lateral entry is practiced in some Universities). In such cases, the candidates having Diploma in Agriculture (with minimum 3 years course programme after 10th or equivalent) may be allowed admission into the 2nd year of the UG programme, as per the provisions and norms to be notified by the respective AU from time to time.

Academic Regulation For:

1 B.Sc. (Honours) Agriculture Program Duration

Program Duration:

Minimum 8 Semesters (3) Academic Years)

Maximum 14 Semesters (7 Academic Years)

Minimum eligibility requirement for admission:

*Pass in 10+2 examination having 50% marks in aggregate for general category and 45% for SCSi in Agriculture or Science.

Mode of Admission:

College may follow entrance examination or merit at 10-2 or a combination.

Reservation of Seats:

Reservation of seats shall be governed by the rules of State Government.

Semester Duration:

The minimum duration of 110 working days, consisting of 95 instructional days and 15 examination days.

Credit Definition:

One credit is defined as one-hour Lecture/2 hours lab/3hours field work per week.

Attendance:

*75 percent minimum attendance is compulsory to appear in examination.

*Relaxation in minimum attendance requirement should be given only exception case like indoor hospitalization/sports activities.

5% relaxation may be granted by principal and above that only VC can relax. Less than 65% attendance will never be allowed to appear in exam.

Course Curriculum and minimum credits requirement:

The Academic Curriculum of MGKVP approved based on Vth dean committee report of ICAR.

WEIGHTAGE TO VARIOUS TYPES OF EXAMINATIONS:

During a semester, the instructor in-charge of a particular course shall hold one midterm test in accordance with the Regulations for examinations. The weightage given to these tests will be as follows:

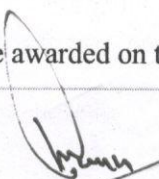
Examinations	Course with practical % (Theory with practical)	Course with either Theory or Practical only
Mid terms	20	20
Practical	30	-
Final Examinations	50	80

For practical one internal examiner from within the University and other external examiner other than college will be appointed by University in consult with convener of the subject.

Promotion & Grading:

1. Grade point in each subject will be calculated by dividing the marks scored on 100 (Including theory, practical and mid terms) by 10.
2. If grade point in any subject is less than 5.00 candidate will be treated as unclear in that subject.
3. A candidate cannot be promoted to IIIrd, Vth & VIIth Semester if he carries more than two papers unclear in odd semester papers similarly he will not be promoted to IVth, Vth and VIIIth semester if he carries more than two papers unclear in odd/ even semester papers
4. Candidates having more than two papers unclear in odd/even semester will be detained from promotion as per rules and shall be treated as year back to clear the papers
5. Candidate may appear in theory or practical or both examinations as back paper by paying fees prescribed by University.
6. After clearing all the papers final grades will be awarded on the basis of OGPA as given below.

Same





Grade Point:

Ten (10) points grading system should be adopted with minimum grade Point Average (GPA) of 5.00 for passing a subject and overall grade point Average (OGPA) of 5.50 for Obtaining a degree.

OGPA	DIVISION
5.0-5.999	Pass
6.0-6.999	II
7.0-7.999	I
8.0-Above	I" with Distinction

GP=Marks scored (particular subject) / 10.

TGP= GP x Credit (particular subject)

GPA = Σ Total Grade Points (TGP) scored/Total Credits (For particular Semester)

CGPA= Σ Total Grade Points (TGP) Scored/Total Course Credits (Gradual semester)

OGPA= Σ Total Points Scored (after excluding failure Points)/Course Credits.

Percentage= OGPA X 100/10.

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GP= Grade Point

TGP-Total Grade Points

GPA Grade Points Average

CGPA=Cumulative Grade Points Average

OGPA=Overall Grade Point Average

ACADEMIC PROGRAMME

Semester wise course and credits Allocation

Subject Code	Course Title	Credit Hours	Total credit hours
First year			
I Semester			
NGC-111	Deeksharambh (Induction cum Foundation course)	2 week (NG) Non-gradial	24(13+11)
SEC-I	Skill Enhancement course-I*	2(0+2)	
SEC-II	Skill Enhancement course-II*	2(0+2)	
EXT-111	Communication Skills	2(1+1)	
AGR-111	Farming based livelihood systems	3(2+1)	
AHD-111	Livestock and Poultry Management	3(2+1)	
AGR-112	Fundamentals of Agronomy	3(2+1)	
SSC-111	Fundamentals of Soil Science	3(2+1)	
HOR-111	Fundamentals of Horticulture	3(2+1)	
GPB-111	Principles of Genetics	3(2+1)	
II Semester			
SEC-III	Skill Enhancement course-III*	2(0+2)	22(11+11)
SEC-IV	Skill Enhancement course-IV*	2(0+2)	
EXT-121	Personality Development	2(1+1)	
SSC-121	Soil Fertility Management	3(2+1)	
GPB-121	Fundamentals of Crop Physiology	3(2+1)	
ENT-121	Fundamentals of Nematology	2(1+1)	
AGR-121	Principles and Practices of Natural Farming	2(1+1)	
PPT-121	Fundamentals of Plant Pathology	3(2+1)	
AGR-122	Water Management	3(2+1)	
Second year			
III Semester			
SEC-V	Skill Enhancement course-V*	2(0+2)	24(12+12)
AEC-211	Entrepreneurship Development and Business Communication	3(2+1)	
PEY-211	Physical Education, First Aid, Yoga Practices and Meditation/NCC/NSS	2(0+2)	
GPB-211	Basics of Plant Breeding	3(2+1)	
AGR-211	Crop Production Technology-I (<i>Kharif</i> crops)	3(1+2)	
HOR-211	Production Technology of Fruit and Plantation Crops	2(1+1)	
EXT-211	Fundamentals of Extension Education	3(2+1)	
ENT-211	Fundamentals of Entomology	3(2+1)	
SSC-211	Environmental Studies and Disaster Management	3(2+1)	
IV Semester			
SEC-VI	Skill Enhancement course-VI*	2(0+2)	26(15+11)
STA-221	Agricultural Informatics and Artificial Intelligence	3(2+1)	
HOR-221	Production Technology of Vegetables and Spices	3(2+1)	
AEC-221	Principles of Agricultural Economics and Farm Management	3(2+1)	

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AGR-221	Crop Production Technology-II (<i>Rabi</i> Crops)	3(1+2)	
ENG-221	Farm Machinery and Power	3(2+1)	
EXT-221	Rural Sociology and Educational Psychology	3(2+1)	
SSC-221	Problematic Soils and their management	3(2+1)	
GPB-221	Fundamentals of Seed Science & Technology	3(2+1)	
Third year			
V Semester			
AEC-311	Agricultural Marketing and Trade	3(2+1)	22(14+8)
ENT-311	Pest management in Crops and Stored Grains	3(2+1)	
PPT-311	Diseases of Field & Horticultural Crops & their Management	3(2+1)	
GPB-311	Crop Improvement (<i>kharif</i> crops) - I	2(1+1)	
GPB-312	Fundamentals of Agri Biotechnology	3(2+1)	
AGR-311	Introduction to Agro-meteorology	3(2+1)	
HOR-311	Ornamental Crops, MAPs and Landscaping	3(2+1)	
AGR-312	Introductory Agro forestry	2(1+1)	
NGC-311	Study Tour	2(0+2)	
VI Semester			
AGR-321	Dryland agriculture/ Rainfed agriculture and watershed management	3(2+1)	21(13+8)
STA-321	Basic and Applied Agril Statistics	3(2+1)	
GPB-321	Crop Improvement (<i>Rabi</i> crops) - II	2(1+1)	
ENG-321	Renewable energy in Agriculture and Allied Sector	3(2+1)	
AGR-322	Weed Management	2(1+1)	
PPT-321	Agricultural Microbiology and Phyto -remediation	3(2+1)	
AEC-321	Agricultural Finance & Cooperation	2(1+1)	
SSC-321	Essentials of Plant Biochemistry	3(2+1)	
Fourth year			
VII Semester			
1	5 Elective Courses (major or minor) each of 4 (3+1) credits for B.Sc. (Hons) Agriculture degree		20(15+5)
VIII Semester			
1	For B.Sc. (Hons)Agriculture Degree Student READY: RAWE/ Industrial Attachment /Experiential Learning / Hands-on Training/ Project Work / Internship		20 Credits
		Total	179
	*Online courses	10	10
		Grand Total	179+10*

* From the bouquet of Skill Enhancement Course (SEC) modules

Department/section wise course breakup

S. No	Course title	Credit Hours	Total
Agronomy			
1	Fundamentals of Agronomy	3 (2+1)	27 (15+12)
2	Farming based livelihood systems	3 (2+1)	
3	Crop Production Technology-I (<i>Kharif</i> Crops)	3 (1+2)	
4	Crop Production Technology-II (<i>Rabi</i> Crops)	3 (1+2)	
5	Water Management	3 (2+1)	
6	Weed Management	2 (1+1)	
7	Introductory Agroforestry	2 (1+1)	
8	Dryland agriculture/ Rainfed agriculture and watershed management	3 (2+1)	
9	Principles and Practices of Natural Farming	2 (1+1)	
10	Introduction to Agro-meteorology	3 (2+1)	
Soil Science:			
1	Fundamentals of Soil Science	3 (2+1)	15 (10+5)
2	Soil Fertility Management	3 (2+1)	
3	Problematic Soils and their management	3 (2+1)	
4	Environmental Studies and Disaster management	3 (2+1)	
5	Essentials of Plant Biochemistry	3 (2+1)	
Horticulture			
1.	Fundamentals of Horticulture	3 (2+1)	11 (7+4)
2.	Production Technology of Fruit and Plantation Crops	2 (1+1)	
3.	Production Technology of Vegetables and Spices	3 (2+1)	
4.	Ornamental Crops, MAPs, and Landscaping	3 (2+1)	
Genetics and Plant Breeding			
1.	Principles of Genetics	3 (2+1)	19 (12+7)
2.	Basics of Plant Breeding	3 (2+1)	
3.	Crop Improvement (<i>Kharif</i> crops) – I	2 (1+1)	
4.	Crop Improvement (<i>Rabi</i> crops)- II	2 (1+1)	
5.	Fundamentals of Seed Science and Technology	3 (2+1)	
6.	Fundamentals of Crop Physiology	3 (2+1)	
7.	Fundamentals of Agri Biotechnology	3 (2+1)	
Entomology			
1.	Fundamentals of Entomology	3 (2+1)	8 (5+3)
2.	Pest management in Crops and Stored Grains	3 (2+1)	
3.	Fundamentals of Nematology	2 (1+1)	
Plant Pathology			
1.	Fundamentals of Plant Pathology	3 (2+1)	9 (6+3)
2.	Diseases of Field & Horticultural Crops & their Management	3 (2+1)	
3.	Agricultural Microbiology and Phyto-remediation	3 (2+1)	
Extension Education			
1.	Rural Sociology and Educational Psychology	3 (2+1)	10 (6+4)
2.	Fundamentals of Extension Education	3 (2+1)	
3.	Communication skills	2 (1+1)	
4.	Personality development	2 (1+1)	

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Agricultural Economics			
1.	Principles of Agricultural Economics and Farm Management	3 (2+1)	10 (6+4)
2.	Entrepreneurship Development and Business Communication	3 (2+1)	
3.	Agricultural Marketing and Trade	2 (1+1)	
4.	Agricultural Finance & Cooperation	2 (1+1)	
Agricultural Statistics			6 (4+2)
1.	Agricultural Informatics and Artificial Intelligence	3 (2+1)	
2.	Basic and Applied Agril Statistics	3 (2+1)	
Agricultural Engineering			
1.	Farm Machinery and Power	3 (2+1)	6 (4+2)
2.	Renewable energy in Agriculture and Allied Sector	3 (2+1)	
Animal Husbandry			
1.	Livestock and poultry Management	3 (2+1)	3 (2+1)
Students' Welfare			
1.	Physical Education, First Aid and Yoga Practices/ NCC/NSS	2 (0+2)	2 (0+2)
2.	Study Tour	2 (0+2)	2 (0+2)
*Elective Courses (Indicative)			
AEC-421	Agri-Business Management	4 (3+1)	20*(15+5) 5* Elective Courses
AGR-421	Management of natural resources	4 (3+1)	
SSC-421	Agrochemicals	4 (3+1)	
EXT-421	Agricultural Journalism	4 (3+1)	
HOR-421	Landscaping	4 (3+1)	
GPB-421	Commercial Plant breeding	4 (3+1)	
AHD-421	Food safety and standards	4 (3+1)	
ENT-421	Bioformulation and Nano formulation	4 (3+1)	
PPT-421	Biopesticides and Biofertilizers	4 (3+1)	
ENG-421	System Simulation and Agro advisory	4 (3+1)	
HOR-422	Hi-tech Horticulture	4 (3+1)	
HOR-423	Protected cultivation	4 (3+1)	
AGR-422	Climate Resilient Agriculture	4 (3+1)	
GPB-422	Biotechnology of Crop Improvement	4 (3+1)	
ENG-422	Geoinformatics and Remote Sensing, precision farming	4 (3+1)	
HOR-424	Micro-propagation Technologies	4 (3+1)	
GPB-423	Commercial Seed Production	4 (3+1)	
AGR-423	Principles and Practices of Organic Farming/ Conservation Agriculture	4 (3+1)	
AHD-423	Food Science and Nutrition	4 (3+1)	
HOR-425	Post-Harvest Technology and Value Addition	4 (3+1)	
AHD-422	Milk Processing and safety issues	4 (3+1)	
SSC-422	Nano Fertilizers	4 (3+1)	
**Skill enhancement courses (SECs)			
1.	SEC-I	2 (0+2)	12 (0+12)
2.	SEC-II	2 (0+2)	
3.	SEC-III	2 (0+2)	
4.	SEC-IV	2 (0+2)	
5.	SEC-V	2 (0+2)	
6.	SEC-VI	2 (0+2)	

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*Host institution may add more courses into this list

** SEC will be decided by host institution depending on strength

Summary of credit distributions among different categories of courses (Credit hours)

Semester	Core Courses (Major and Minor)	Multi-Disciplinary Course (MDC)	Value Added Course (VAC)	Ability Enhancement Programme (AEP)	Skill Enhancement Course (SEC)	Internship/ Project/ Student READY	Total Credits	Non Gradual	Internship	Online course/ MOOC
I	15	3 ⁽³⁾	---	2 ⁽⁵⁾	4		24	2 ⁽¹⁾	----	10 ⁽¹⁵⁾
II	16	---	---	2 ⁽⁷⁾	4		22		10 ⁽¹³⁾	
III	14	3 ⁽⁸⁾	3 ⁽⁶⁾	2 ^{(9) (4)}	2		24		---	
IV	21	---	3 ⁽¹⁰⁾	----	2		26		10 ⁽¹⁴⁾	
V	19	3 ⁽¹¹⁾	----	----	----		22	2 ⁽¹²⁾	----	
VI	21	---	---	---	---		21		---	
VII	20	--	--	---	--		20		--	
VIII		--	--	---	--	20	20			
Total	126	9	6	6	12	20	179	4	20	10

(1) Deeksharambh (Induction-cum-Foundation Course) of 2 credits (2 weeks duration).

(2) Remedial Course: Mathematics of 1 credit

(3) Farming based Livelihood systems

(4) NCC/NSS

(5) Communication Skills

(6) Environmental Studies and Disaster management

(7) Personality development

(8) Entrepreneurship Development and Business Management

(9) Physical Education, First Aid and Yoga Practices

(10) Agricultural Informatics and Artificial Intelligence

(11) Agricultural Marketing and Trade

(12) Study tour (10-14 days)

(13) Only for those opting for an exit with UG-Certificate and

(14) Only for those opting for an exit with UG-Diploma

(15) Online course: student will make his own planning and execution of online courses with intimation to the Dean

Summary of Credit Distributions

Type of courses		Credits
Core courses (Major & Minor/s)	:	126
Common courses (MDC+VAC+AEP)	:	21
Skill Enhancement Courses (SEC)	:	12
Internship/ Student READY	:	20
**MOOCS/SWAYAM	:	10 non-gradual
Total	:	179+10**

List of Courses as per above Categories

Course category	Course title	Credit Hours
Induction cum Foundation course	Deekshaarambh	2 weeks (Non-gradual)
Common courses	Farming based livelihood systems	3 (2+1)
	Communication skill	2 (1+1)
	Personality development	2 (1+1)

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	Environmental studies and disaster management	3 (2+1)
	Agricultural Informatics and Artificial Intelligence	3 (2+1)
	Entrepreneurship Development and Business Management	3 (2+1)
	Agricultural Marketing & Trade	3 (2+1)
	Physical Education, First Aid and Yoga Practices/NSS/NCC-I	2 (0+2)
	Total credits	21
Core Courses	Fundamentals of Agronomy	3 (2+1)
	Crop Production Technology-I (<i>Kharif</i> Crops) including Practical Crop Production	3 (1+2)
	Crop Production Technology-II (<i>Rabi</i> Crops) including Practical Crop Production	3 (1+2)
	Water Management	3 (2+1)
	Weed Management	2 (1+1)
	Introductory Agro forestry	2 (1+1)
	Dryland agriculture/ Rainfed agriculture and watershed management	3 (2+1)
	Principles and Practices of Natural Farming	2 (1+1)
	Fundamentals of Soil Science	3 (2+1)
	Soil Fertility Management	3 (2+1)
	Problematic Soils and their management	3 (2+1)
	Fundamentals of Horticulture	3 (2+1)
	Production Technology of Fruit and Plantation Crops	2 (1+1)
	Production Technology of Vegetables and Spices	3 (2+1)
	Ornamental Crops, MAPs and Landscaping	3 (2+1)
	Principles of Genetics	3 (2+1)
	Basics of Plant Breeding	3 (2+1)
	Crop Improvement (<i>kharif</i> crops)- I	2 (1+1)
	Crop Improvement (<i>Rabi</i> crops)- II	2 (1+1)
	Fundamentals of Seed Science Technology	3 (2+1)
	Fundamentals of Entomology	3 (2+1)
	Pest management in Crops and Stored Grains	3 (2+1)
	Fundamentals of Plant Pathology	3 (2+1)





Course category	Course title	Credit Hours
	Diseases of Field & Horticultural Crops & their Management	3 (2+1)
	Agricultural Microbiology and Phyto - remediation	3 (2+1)
	Rural Sociology and Educational Psychology	3 (2+1)
	Fundamentals of Extension Education	3 (2+1)
	Introduction to Agro-meteorology	3 (2+1)
	Principles of Agricultural Economics and Farm Management	3 (2+1)
	Agricultural Finance & Cooperation	2 (1+1)
	Basic and Applied Agril Statistics	3 (2+1)
	Farm Machinery and Power	3 (2+1)
	Renewable energy in Agriculture and Allied Sector	3 (2+1)
	Fundamentals of Nematology	2 (1+1)
	Essentials of Plant Biochemistry	3 (2+1)
	Fundamentals of Crop Physiology	3 (2+1)
	Livestock and poultry Management	3 (2+1)
	Fundamentals of Agri Biotechnology	3 (2+1)
	TOTAL	106
Elective Courses	20 credits will be taken from list of choice based course list or department wise courses to be decided by host institution	20
	TOTAL	20
Skill Enhancement Courses (indicative)	SDC-I (Bio fertilizer and biopesticide production)	2 (0+2)
	SEC-II (Mushroom production technology)	2 (0+2)
	SEC-III (Seed Production Technology)	2 (0+2)
	SEC-IV (Post harvest processing technology)	2 (0+2)
	SEC-V (Beneficial insect farming)	2 (0+2)
	SEC-VI (Horticulture nursery management)	2 (0+2)
	SEC-VII (Plantation crops production and management)	2 (0+2)
	TOTAL	12
Students READY		10+10
	TOTAL	20
	Study tour (2 weeks in 5 th semester)	2 (0+2)
	Total for offline course credits	179
Online courses	*Online courses	10
	Grand Total	179+10*