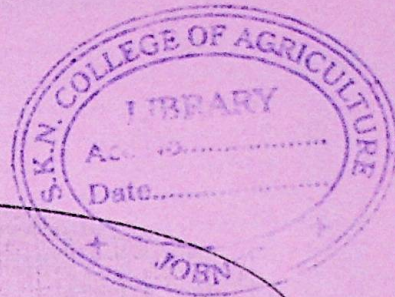




Sri Karan Narendra College of Agri-bussiness Management



**SYLLABUS**  
**B.Sc. (Ag.) & MBA (Agri-bussiness)**  
**Integrated Degree Programme**

**FACULTY OF MASTER OF BUSSINESS MANAGEMENT**  
**(AGRI-BUSSINESS)**

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**SRI KARAN NARENDRA AGRICULTURE UNIVERSITY,**  
**JOBNER (JAIPUR) - 303 329**

**B.Sc. (Ag.) & MBA (Agri-bussiness) Integrated Degree Programme**  
**Semester wise distribution of Compulsory courses**

**I Semester**

Course No.	Course Title	Credits
AGRON 4111	Introductory Agriculture and Principles of Agronomy	3(2+1)
PBG 4111	Principles of Genetics	3(2+1)
SCHEM 4111	Introduction to Soil Science	2(1+1)
EXTED 4111	Dimensions of Agricultural Extension	3 (2+1)
PPATH 4111	Agricultural Microbiology	2(1+1)
COMP 4111	Introduction to Computer Applications	2(2+0)
MATHS 4111	Elementary Mathematics	3 (2+1)
ENG 4111	Comprehensive and Communication Skills in English	----
NSNC 4221	NCC/NSS/ Physical Education	21(14+7)
	Total	

**II Semester**

Course No.	Course Title	Credits
AGRON 4121	Agricultural Meteorology	2 (1+1)
PBG 4121	Principles of Plant Breeding	3(2+1)
PPATH 4121	Plant Pathogens and Principles of Plant Pathology	4 (3+1)
ENTO 4121	Insect Morphology and Systematics	3 (2+1)
AGECON 4121	Insect Morphology and Systematics	2 (2+0)
AGECON 4121	Principles of Agricultural Economics	2(1+1)
AENGG 4121	Fundamentals of Soil and Water Conservation Engineering	2(1+1)
AENGG 4121	Fundamentals of Soil and Water Conservation Engineering	3 (2+1)
BIOCH 4121	Biochemistry	3 (2+1)
BIOCH 4121	Biochemistry	2(1+1)
SCHEM 4121	Soil Chemistry, Soil Fertility and Nutrient Management	2(1+1)
	Total	21(14+7)

**III Semester**

Course No.	Course Title	Credits
AGRON 4211	Field Crops-I ( <i>Kharif</i> )	3 (2+1)
AGRON 4211	Field Crops-I ( <i>Kharif</i> )	2 (1+1)
AGRON 4212	Weed Management	2 (1+1)
NEMAT 4211	Introductory Nematology	2 (1+1)
NEMAT 4211	Introductory Nematology	3(2+1)
STAT 4211	Statistics	2(2+0)
EXTED 4211	Fundamentals of Rural Sociology and Educational Psychology	2(2+0)
EXTED 4211	Fundamentals of Rural Sociology and Educational Psychology	3(2+1)
HORT 4211	Production Technology of Fruits and Plantation Crops	2 (1+1)
AGECON 4211	Production Economics and Farm Management	2 (1+1)
AGECON 4211	Production Economics and Farm Management	2(1+1)
AENGG 4211	Farm Power and Machinery	2 (1+1)
SCHEM 4211	Manures And Fertilizers	
NSNC 4211	NCC/NSS	21 (13+8)
	Total	

**IV Semester**

Course No.	Course Title	Credits
AGRON 4221	Field Crops- II ( <i>Rabi</i> )	3 (2+1)
AGRON 4221	Field Crops- II ( <i>Rabi</i> )	2 (1+1)
AGRON 4222	Water Management	2(1+1)
SCHEM 4221	Soil survey, Land Use Planning and Remote Sensing	2(1+1)
SCHEM 4221	Soil survey, Land Use Planning and Remote Sensing	3(2+1)
ENTO 4221	Insect Ecology and Integrated Pest Management including Beneficial Insects	4(3+1)
HORT 4221	Production Technology of Vegetables and Flowers	2(1+1)
HORT 4221	Production Technology of Vegetables and Flowers	2(1+1)
AGECON 4221	Agricultural Finance and Co-operation	3(2+1)
PPHYS 4221	Crop Physiology	2(1+1)
EXTED 4221	Entrepreneurship Development and Communication Skills	2(1+1)
EXTED 4221	Entrepreneurship Development and Communication Skills	1(0+1)
NSNC 4221	NSS/ NCC*	22 (13+9)
	Total	

\*shall be offered from I to IVth semester and evaluation will be reported at the end of IVth semester.

**B.Sc. (Ag.) & MBA (Agri-bussiness) Integrated Degree Programme**  
**Semester wise distribution of Compulsory courses**

**I Semester**

Course No.	Course Title	Credits
AGRON 4111	Introductory Agriculture and Principles of Agronomy	3(2+1)
PBG 4111	Principles of Genetics	3(2+1)
SCHEM 4111	Introduction to Soil Science	2(1+1)
EXTED 4111	Dimensions of Agricultural Extension	3 (2+1)
PPATH 4111	Agricultural Microbiology	2(1+1)
COMP 4111	Introduction to Computer Applications	2(2+0)
MATHS 4111	Elementary Mathematics	3 (2+1)
ENG 4111	Comprehensive and Communication Skills in English	----
NSNC 4221	NCC/NSS/ Physical Education	21(14+7)
	Total	

**II Semester**

Course No.	Course Title	Credits
AGRON 4121	Agricultural Meteorology	2 (1+1)
PBG 4121	Principles of Plant Breeding	3(2+1)
PPATH 4121	Plant Pathogens and Principles of Plant Pathology	4 (3+1)
ENTO 4121	Insect Morphology and Systematics	3 (2+1)
AGECON 4121	Principles of Agricultural Economics	2 (2+0)
AENGG 4121	Fundamentals of Soil and Water Conservation Engineering	2(1+1)
BIOCH 4121	Fundamentals of Soil and Water Conservation Engineering	3 (2+1)
SCHEM 4121	Biochemistry	2(1+1)
	Soil Chemistry, Soil Fertility and Nutrient Management	21(14+7)
	Total	

**III Semester**

Course No.	Course Title	Credits
AGRON 4211	Field Crops-I ( <i>Kharif</i> )	3 (2+1)
AGRON 4212	Weed Management	2 (1+1)
NEMAT 4211	Introductory Nematology	2 (1+1)
STAT 4211	Statistics	3(2+1)
EXTED 4211	Fundamentals of Rural Sociology and Educational Psychology	2(2+0)
HORT 4211	Fundamentals of Rural Sociology and Educational Psychology	3(2+1)
AGECON 4211	Production Technology of Fruits and Plantation Crops	2 (1+1)
AENGG 4211	Production Economics and Farm Management	2(1+1)
SCHEM 4211	Farm Power and Machinery	2 (1+1)
NSNC 4211	Manures And Fertilizers	
	NCC/NSS	21 (13+8)
	Total	

**IV Semester**

Course No.	Course Title	Credits
AGRON 4221	Field Crops- II ( <i>Rabi</i> )	3 (2+1)
AGRON 4222	Water Management	2 (1+1)
SCHEM 4221	Soil survey, Land Use Planning and Remote Sensing	2(1+1)
ENTO 4221	Soil survey, Land Use Planning and Remote Sensing	3(2+1)
HORT 4221	Insect Ecology and Integrated Pest Management including Beneficial Insects	4(3+1)
AGECON 4221	Production Technology of Vegetables and Flowers	2(1+1)
PPHYS 4221	Agricultural Finance and Co-operation	3(2+1)
EXTED 4221	Crop Physiology	2(1+1)
NSNC 4221	Entrepreneurship Development and Communication Skills	1(0+1)
	NSS/ NCC*	22 (13+9)
	Total	

\*shall be offered from I to IVth semester and evaluation will be reported at the end of IVth semester.

### V Semester

Course No.	Course Title	Credits
AGRON 4311	Practical Crop Production -1( <i>Kharif</i> crops)	1 (0+1)
AGRON 4312	Rainfed Farming	2 (1+1)
BT 4311	Principles of Plant Biotechnology	3 (2+1)
ENTO 4311	Crop and stored grain pests and their management	4(3+1)
PBG 4311	Breeding of Field and Horticultural Crops	3(2+1)
AGECON 4311	Agricultural Marketing, trade and Prices	2(1+1)
AENGG 4311	Protected cultivation and Post harvest Technology	2(1+1)
PPATH 4311	Diseases of Field Crops and their management	3(2+1)
HORT 4311	Production technology of Spices, Aromatic and Medicinal crops	2(1+1)
	Total	22 (13+9)

### VI Semester

Course No.	Course Title	Credits
AGRON 4321	Practical Crop Production –II ( <i>Rabi</i> )	1 (0+1)
AGRON 4322	Farming Systems, Sustainable Agriculture and Organic Farming	3 (2+1)
PBG 4321	Principles of Seed Technology	3(2+1)
EXTED 4321	Extension Methodologies for Transfer of Agricultural Technology	2(1+1)
LPM 4321	Livestock Production and Management	3(2+1)
ENVS 4321	Environmental Science**	3(2+1)
HORT 4321	Post harvest management and value addition of fruits and vegetables	3(2+10)
PPATH 4321	Diseases of Horticultural Crops and their management	2(1+1)
AGECON 4321	Fundamentals of Agri. Business Management	2(1+1)
	Total	22 (13+9)

### VII Semester

Course No.	Course Title	Credits
AGECON 4411	Marketing Management	3(2+1)
AGECON 4412	Project Formulation, Evaluation and Monitoring	3(1+2)
AGECON 4413	Natural Resource Economics and Management	3(2+1)
EXTED 4411	Visuals and Graphic Communications	3(1+2)
EXTED 4412	Govt. Policies and Programmes on Agriculture	3(1+2)
PBG 4411	Advance Seed Technology	3(1+2)
Hort 4412	Commercial Vegetable Production	3(1+2)
	Total	21 (9+12)

## B.Sc. (Ag.) & MBA (Agri-business) Integrated Degree Programme

### VIII Semester

Course No.	Course Title	Credit
ABM-521	Principles of Management and Organization Behaviour	3(3+0)
ABM-522	Agribusiness Environment and Policy	2(2+0)
ABM-523	Managerial Economics	3(3+0)
ABM-524	Managerial Accounting and Control	2(1+1)
ABM-525	Consumer Behaviour	2(2 +0)
ABM-526	Agriculture Marketing Management	2(2+0)
ABM-527	Management Information Systems	2(2+0)
ABM-528	Operations Research	2(2+0)
ABM-529	Rural Marketing	2(2+0)
ABM-501	Sales and Distribution Management Marketing	2(2+0)
ABM-502	Management of Agricultural Input Marketing	2(2+0)
	TOTAL	24 (23+1)

## B.Sc. (Ag.) & MBA (Agri-business) Integrated Degree Programme

### IX Semester

Course No.	Name of Course	Credit
ABM-531	Agri-supply Chain Management	2(2+0)
ABM-532	Human Resource Management	2(2+0)
ABM-533	Agribusiness Financial Management	2(2+0)
ABM-534	Production and Operations Management	2(2+0)
ABM-535	Research Methodology in Business Management	3(2+1)
ABM-536	Project Management and Entrepreneurship	2(2+0)
ABM-537	International Trade and Sustainability Governance	2(2+0)
ABM-538	Quality Management in Agribusiness	2(2+0)
ABM-539	Agriculture Information System	2(1+1)
ABM-503	Food Retail Management	2(2+0)
ABM-504	Problem Solving Methodology	2(1+1)
<b>Total</b>		<b>23(20+3)</b>

## B.Sc. (Ag.) & MBA (Agri-business) Integrated Degree Programme

### X Semester

#### Rural Agricultural Work Experience (RAWE) and Management Traineeship of ABM

Programme	Duration (Weeks) credits
Master's Seminar	1 (1 credits)
Research Station/KVK/ including village attachment and <i>In-situ</i> interaction of farmers, students and research station scientists (4 Weeks)	6 (6 credits)
<i>In-situ</i> interaction of farmers, college faculty and students (2 Weeks)	2 (2 credits)
*Industrial Attachment*/Skill Development/Experiential Learning Courses (8 Weeks)	8 (8 credits)
Educational Tour (1 Week)	2 (2 credits)
Management, traineeship Project Report Preparation and Evaluation (8 Weeks)	10 (10 credits)
<b>Total</b>	<b>29 (29 credits)</b>

**\*Industrial attachment shall include attachment with any of the following industries/Organizations**

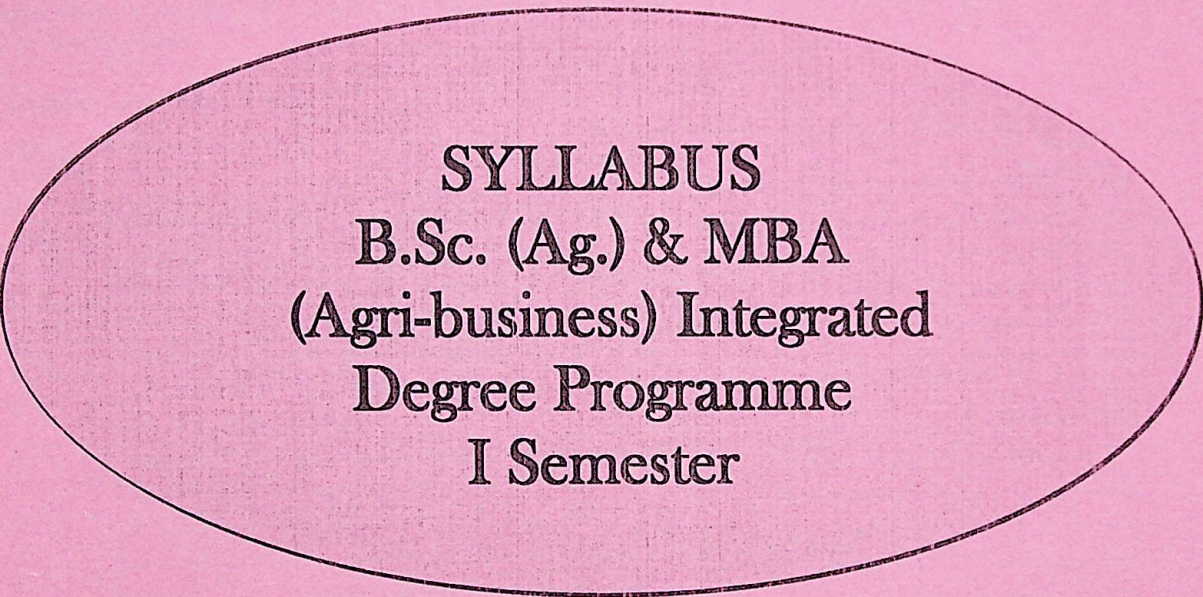
1. Seed industries/ companies
2. Fertilizer industries/companies
3. Pesticide industries/companies
4. Biotechnological industries/companies
5. Tissue culture laboratories
6. Bio-Pesticide industries
7. Commercial nurseries/land scaping units
8. Food processing units
9. Agricultural finance institutions/banks/credit societies, etc
10. NGOs

**Rural Agricultural Work Experience (RAWE) and Management Traineeship**

**(0+29)**

**Grand total (I to X Semesters)**

**226 (134 + 92)**



**SYLLABUS**  
**B.Sc. (Ag.) & MBA**  
**(Agri-business) Integrated**  
**Degree Programme**  
**I Semester**