

Master Degree Programmes
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समाज विज्ञान अध्ययन विद्याशाखा (School of Social Science)

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration(Year)		SLM	Mode of Exam (Annual / Sem)	Year/Sem	Details Of Fee						
			Minimum	Maximum				Programme	Project/Workshop	Exam	Practical Viva-Voc	Miscellaneous	Degree Fee	Grand Total
MASTER OF ARTS (ECONOMICS)	MAEC-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000		150		5350
							II			1000		-		1000
							III	4200	-	1250		-		5450
							IV			1250			500	1750
MASTER OF ARTS (HISTORY)	MAHI-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000		150		5350
							II			1000		-		1000
							III	4200	-	1000		-		5200
							IV			1000			500	1500
MASTER OF ARTS (POLITICAL SCIENCE)	MAPS-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000		150		5350
							II			1000		-		1000
							III	4200	-	1000		-		5200
							IV			1000			500	1500
MASTER OF ARTS (PUBLIC ADMINISTRATION)	MAPA-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000		150		5350
							II			1000		-		1000
							III	4200	-	1000		-		5200
							IV			1500			500	2000
MASTER OF ARTS (Sociology)	MASO-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000		150		5350
							II			1000		-		1000
							III	4200	-	1250		-		5450
							IV			1250			500	1750
MASTER OF SOCIAL WORK (MSW)	MSW-21	Graduation in any stream	2	6	Hindi	Semester	I	12200	-	1000		150		13350
							II			1250		-		1250
							III	12200	-	1250		-		13450
							IV		1500	-		-	500	2000
MASTER OF ARTS (Psychology)	MAPSY-21	Graduation in any stream	2	6	Hindi	Semester	I	4200		1000		150		5350
							II		1500	1000	500			3000
							III	4200		1000				5200
							IV		1500	1000	500		500	3500
MASTER OF ARTS (Development Studies)	MADS-23	Graduation in any stream	2	6	Hindi	Semester	I	3200		750		150		4100
							II			750				750
							III	3200		750				3950
							IV		1500	500			500	2500

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAEC-501	आर्थिक सिद्धान्त की मूल अवधारणाएँ एवं उपभोक्ता व्यवहार (Basic Concepts of Economic Theory and Consumer Behaviour)	04	100 (70/30)
MAEC-502	समष्टि अर्थशास्त्र (MacroEconomics)	04	100 (70/30)
MAEC-503	भारतीय अर्थव्यवस्था: - मुद्दे और वित्तीय संबंध (Indian Economy:- Issues and Financial Relations)	04	100 (70/30)
MAEC-504	अर्थशास्त्र में गणित के प्रयोग (Applications of Mathematics in Economics)	04	100 (70/30)
SEMESTER II			
MAEC-505	उत्पादन और मूल्य निर्धारण का अर्थशास्त्र (Economics of Production and Pricing)	04	100 (70/30)
MAEC-506	मुद्रा एवं बैंकिंग (Money and Banking)	04	100 (70/30)
MAEC-507	भारतीय अर्थव्यवस्था के क्षेत्र एवं विदेशी व्यापार (Sectors of Indian Economy and Foreign Trade)	04	100 (70/30)
MAEC-508	सांख्यिकीय विधियाँ (Statistical Methods)	04	100 (70/30)
SEMESTER III			
MAEC-601	आर्थिक विकास(Economic Development)	04	100 (70/30)
MAEC-602	लोक वित्त (Public Finance)	04	100 (70/30)
MAEC-603	अंतर्राष्ट्रीय अर्थशास्त्र के सिद्धान्त(Theories of International Economics)	04	100 (70/30)
MAEC-604	कृषि अर्थशास्त्र के सिद्धान्त (Theories of Agricultural Economics)	04	100 (70/30)
MAEC-605	जनांकिकी(Demography)	04	100 (70/30)
SEMESTER IV			
MAEC-606	आर्थिक संवृद्धि एवं नियोजन (Economic Growth and Planning)	04	100 (70/30)
MAEC-607	राजकोषीय अर्थशास्त्र और संघीय वित्त (Fiscal Economics & Federal Finance)	04	100 (70/30)
MAEC-608	अंतर्राष्ट्रीय व्यापार और संस्थान (International Trade and Organizations)	04	100 (70/30)
MAEC-609	भारतीय कृषि (Indian Agriculture)	04	100 (70/30)
MAEC-610	जनसांख्यिकी के मुद्दे (Issues of Demographic)	04	100 (70/30)

M.A. HISTORY एम0ए0इतिहास

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAHI-501	विश्व का इतिहास: 16वीं सदी के प्रारंभ से 1776 ईस्वी तक	04	100 (70/30)
MAHI-502	विश्व का इतिहास: 1789 ईस्वी से 1945 ईस्वी तक	04	100 (70/30)
MAHI-503	भारतीय राष्ट्रीय आन्दोलन: स्वतंत्रता के लिए संघर्ष	04	100 (70/30)
MAHI-504	भारतीय राष्ट्रीय आन्दोलन: राष्ट्र-निर्माण की भूमिका	04	100 (70/30)
SEMESTER II			
MAHI-505	आधुनिक उत्तराखण्ड में समाज	04	100 (70/30)
MAHI-506	आधुनिक उत्तराखण्ड में अर्थव्यवस्था	04	100 (70/30)
MAHI-507	इतिहास लेखन: प्राचीन एवं मध्यकालीन	04	100 (70/30)
MAHI-508	इतिहास लेखन: आधुनिक	04	100 (70/30)
SEMESTER III			
MAHI-601	भारत का इतिहास: छठी सदी ईस्वी पूर्व से तृतीय सदी ईस्वी के मध्य तक	04	100 (70/30)
MAHI-602	भारत का इतिहास: चतुर्थ सदी ईस्वी से सातवीं सदी ईस्वी के मध्य तक	04	100 (70/30)
MAHI-603	भारत का इतिहास: सातवीं सदी ईस्वी से सोलहवीं सदी ईस्वी के प्रथम चतुर्थांश तक	04	100 (70/30)
MAHI-604	भारत का इतिहास: सोलहवीं सदी ईस्वी के प्रारंभ से अठारहवीं सदी ईस्वी के मध्य तक	04	100 (70/30)
SEMESTER IV			
MAHI-605	भारत का इतिहास: अठारहवीं सदी ईस्वी से उन्नीसवीं सदी ईस्वी के मध्य तक	04	100 (70/30)
MAHI-606	भारत का इतिहास: उन्नीसवीं सदी ईस्वी के मध्य से स्वतंत्र भारत तक	04	100 (70/30)
MAHI-607	भारतीय संस्कृति: प्राचीन काल से राजपूत काल तक	04	100 (70/30)
MAHI-608	भारतीय संस्कृति: सल्तनत काल से आधुनिक काल तक	04	100 (70/30)

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
SEMESTER I			
MAPS- 501	अंतर्राष्ट्रीय राजनीति के सिद्धांत –I(Theory of International Politics-I)	04	100 (70/30)
MAPS- 502	भारतीय राजनीतिक व्यवस्था-I(Indian Political System-I)	04	100 (70/30)
MAPS-503	पाश्चात्य राजनीतिक चिंतन –I(Western Political Thought-I)	04	100 (70/30)
MAPS-504	तुलनात्मक राजनीति एवं राजनीतिक संस्थाएं –I(Comparative Politics and Political Institution -I)	04	100 (70/30)
SEMESTER II			
MAPS- 505	अंतर्राष्ट्रीय राजनीति के सिद्धांत –II(Theory of International Politics-II)	04	100 (70/30)
MAPS-506	भारतीय राजनीतिक व्यवस्था-II(Indian Political System-II)	04	100 (70/30)
MAPS-507	पाश्चात्य राजनीतिक चिंतन –II(Western Political Thought-II)	04	100 (70/30)
MAPS-508	तुलनात्मक राजनीति एवं राजनीतिक संस्थाएं –II(Comparative Politics and Political Institution -II)	04	100 (70/30)
SEMESTER III			
MAPS- 601	भारतीय राजनीतिक चिंतन –I(Indian Political Thought-I)	04	100 (70/30)
MAPS-602	लोक प्रशासन के सिद्धांत –I(Theory of Public Administration-I)	04	100 (70/30)
MAPS-603	अंतर्राष्ट्रीय सम्बन्ध 1945से वर्तमान तक –I(International relations from 1945 to present –I)	04	100 (70/30)
MAPS-604	भारत में लोक प्रशासन : उत्तराखण्ड राज्य के विशेष सन्दर्भ में –I (Public Administration in India : With special Reference to Uttarakhand State-I)	04	100 (70/30)
SEMESTER IV			
MAPS- 605	भारतीय राजनीतिक चिंतन –II(Indian Political Thought-II)	04	100 (70/30)
MAPS-606	लोक प्रशासन के सिद्धांत –II(Theory of Public Administration-II)	04	100 (70/30)
MAPS-607	अंतर्राष्ट्रीय सम्बन्ध 1945से वर्तमान तक –II(International relations from 1945 to present – II)	04	100 (70/30)
MAPS-608	भारत में लोक प्रशासन : उत्तराखण्ड राज्य के विशेष सन्दर्भ में –II (Public Administration in India : With special Reference to Uttarakhand State-II)	04	100 (70/30)

MASTER OF ARTS (PUBLIC ADMINISTRATION) - मास्टरऑफ आर्ट्स (पब्लिकएडमिनिस्ट्रेशन) MAPA-21			
Credits-72			
PROGRAMME STRUCTURE			
COURSE CODE	COURSE NAME: M.A. Public Administration	CREDIT- 72	TOTAL MARKS
Semester- I			
MAPA-501	लोक प्रशासन के सिद्धान्त (भाग- 1)	4	100 (70/30)
MAPA-502	लोक प्रशासन के सिद्धान्त (भाग- 2)	4	100 (70/30)
MAPA-503	भारत में लोक प्रशासन (भाग- 1)	4	100 (70/30)
MAPA-504	भारत में लोक प्रशासन (भाग- 2)	4	100 (70/30)
Semester- II			
MAPA-505	तुलनात्मक लोक प्रशासन (भाग- 1)	4	100 (70/30)
MAPA- 506	तुलनात्मक लोक प्रशासन (भाग- 2)	4	100 (70/30)
MAPA-507	भारत में स्थानीय शासन (भाग- 1)	4	100 (70/30)
MAPA-508	भारत में स्थानीय शासन (भाग- 2)	4	100 (70/30)

Semester- III			
MAPA-601	विकास प्रशासन (भाग- 1)	4	100 (70/30)
MAPA-602	विकास प्रशासन (भाग- 2)	4	100 (70/30)
MAPA-603	कार्मिक प्रशासन (भाग- 1)	4	100 (70/30)
MAPA-604	कार्मिक प्रशासन भाग- 2)	4	100 (70/30)
Semester- IV			
MAPA-605	वित्तीय प्रशासन (भाग- 1)	4	100 (70/30)
MAPA-606	वित्तीय प्रशासन (भाग- 2)	4	100 (70/30)
MAPA-607	उत्तराखण्ड में राज्य प्रशासन (भाग- 1)	4	100 (70/30)
MAPA-608	उत्तराखण्ड में राज्य प्रशासन (भाग- 2)	4	100 (70/30)
MAPA-609	प्रशासनिक चिंतक (भाग- 1)	4	100 (70/30)
MAPA-610	प्रशासनिक चिंतक (भाग- 2)	4	100 (70/30)

M.A. Sociology एम0ए0समाजशास्त्र

MASO-21

Credits-72

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MASO-501	समाजशास्त्र का परिचय-I(Introduction to Sociology-I)	04	100 (70/30)
MASO-502	समाजशास्त्रीय सिद्धांत-I (Sociological Theories-I)	04	100 (70/30)
MASO-503	सामाजिक अनुसंधान विधियां और कंप्यूटर उपयोग-I (Social Research methods & Computer Applications-I)	04	100 (70/30)
MASO-504	ग्रामीण समाजशास्त्र I (Rural Sociology I)	04	100 (70/30)
SEMESTER II			
MASO-505	समाजशास्त्र का परिचय II(Introduction to Sociology-II)	04	100 (70/30)
MASO-506	समाजशास्त्रीय सिद्धांत II (Sociological Theories-II)	04	100 (70/30)
MASO-507	सामाजिक अनुसंधान विधियां और कंप्यूटर उपयोग-II (Social Research methods & Computer Applications-II)	04	100 (70/30)
MASO-508	ग्रामीण समाजशास्त्र II (Rural Sociology-II)	04	100 (70/30)
SEMESTER III			
MASO-601	शहरी समाजशास्त्र –I (Urban Sociology- I)	04	100 (70/30)
MASO-602	भारतीय समाजशास्त्रीय विचार -I(Indian Sociological Thought-I)	04	100 (70/30)
MASO-603	स्वास्थ्य और चिकित्सा का समाजशास्त्र –I(Sociology of Health & Medicine-I)	04	100 (70/30)
MASO-604	पहाड़ी क्षेत्र में सतत विकास-I (Sustainable Development in Hill Area-I)	04	100 (70/30)
MASO-605	सामाजिक मनोविज्ञान-I (Social Psychology- I)	04	100 (70/30)
SEMESTER IV			
MASO-606	शहरी समाजशास्त्र–II(Urban Sociology- II)	04	100 (70/30)
MASO-607	भारतीय समाजशास्त्रीय विचार–II(Indian Sociological Thought-II)	04	100 (70/30)
MASO-608	स्वास्थ्य और चिकित्सा का समाजशास्त्र –II(Sociology of Health & Medicine-II)	04	100 (70/30)
MASO-609	(पहाड़ी क्षेत्र में सतत विकास-II (Sustainable Development in Hill Area-II)	04	100 (70/30)
MASO-610	सामाजिक मनोविज्ञान-II (Social Psychology- II)	04	100 (70/30)

MASTER OF SOCIAL WORK -मास्टरऑफ सोशल वर्क

MSW-21

MSW

Credits-70

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MSW -01	Social Work: An Introduction(समाज कार्य: एक परिचय)	04	100 (70/30)
MSW -02	Social Research (सामाजिक अनुसंधान)	04	100 (70/30)
MSW -03	Indian Social Problems (भारतीय सामाजिक समस्याएँ)	04	100 (70/30)

MSW -04	Sociology & Social Work (समाजशास्त्र एवं समाज कार्य)	04	100 (70/30)
SEMESTER II			
MSW -05	Social Psychology, Communication & Social Work(सामाजिक मनोविज्ञान, संचार एवं समाज कार्य)	04	100 (70/30)
MSW -06	Social Case Work & Counselling(वैयक्तिक समाज कार्य एवं परामर्श)	04	100 (70/30)
MSW -07	Social Group Work (समूह समाज कार्य)	04	100 (70/30)
MSW -08	Social Welfare Administration & Legislation (समाज कल्याण प्रशासन एवं विधान)	04	100 (70/30)
MSW -09	Field Work-I (क्षेत्र कार्य)	02	100 (70/30)
SEMESTER III			
MSW -10	Social Development & Social Work(सामाजिक विकास एवं समाज कार्य)	04	100 (70/30)
MSW -11	Community organisation & Social Action(सामुदायिक संगठन एवं सामाजिक क्रिया)	04	100 (70/30)
MSW -12	NGOs Management (एन0जी0ओ0 प्रबन्धन)	04	100 (70/30)
MSW -13	Field Work-II (क्षेत्र कार्य)	02	100 (70/30)
SPECIALIZATION: OUT OF THREE SPECIALIZED PAPERS LEARNER HAS TO SELECT ONE PAPER			
MSW-14	Human Resource Management & Industrial Relation (मानव संसाधन प्रबन्धन एवं औद्योगिक संबंध)	04	100 (70/30)
MSW-15	Labour Welfare & Legislation (श्रम कल्याण एवं विधान)	04	100 (70/30)
MSW-16	Medical Social Work (चिकित्सकीय समाज कार्य)	04	100 (70/30)
SEMESTER IV			
MSW-17	Project Work/Dissertation (परियोजना कार्य/लघु शोध प्रबन्ध)	10	400 (280/120)
नोट: MSW-17 कुल 400 अंकों का होगा जिसमें से 300 अंक परियोजना कार्य/लघु शोध प्रबन्ध हेतु तथा 100 अंक मौखिकी परीक्षा हेतु निर्धारित हैं।			

MAPSY-21

M.A. Psychology (एम.ए. –मनोविज्ञान)

Credit: 64

Programme structure			
Course Code	Course Name	Credit	Marks (Th. /Assign.)
Semester -I			
MAPSY-501	मनोवैज्ञानिक शोध विधि -Psychological Research Methodology	03	100 (70/30)
MAPSY-502	मनोवैज्ञानिकसांख्यिकी- Psychological Statistics	03	100 (70/30)
MAPSY-503	संज्ञानात्मक मनोविज्ञान: मनोभौतिकी एवं प्रत्यक्षात्मक प्रक्रियायें -Cognitive Psychology: Psychophysics and Perceptual Processes	03	100 (70/30)
MAPSY-504	व्यावहारिक सामाजिक मनोविज्ञान -Applied Social Psychology	03	100 (70/30)
Semester -II			
MAPSY-505	अनुसंधान डिजाइन और तथ्य विश्लेषण- Research Design and data Interpretation	03	100 (70/30)
MAPSY-506	मनोवैज्ञानिक मापन -Psychological measurement	03	100 (70/30)
MAPSY-507	संज्ञानात्मक मनोविज्ञान: बौद्धिक प्रक्रियायें - Cognitive Psychology: Intellectual processes	03	100 (70/30)
MAPSY-508	उच्चतर सामाजिक मनोविज्ञान -Advanced Social Psychology	03	100 (70/30)
MAPSY-509	प्रयोगात्मक(सेमेस्टर 1 st एवं 2 nd) - Practical (Semester 1 st & 2 nd)	08	100
Semester - III			
MAPSY-601	व्यक्तित्व के सिद्धान्त ; Theories of Personality	03	100 (70/30)
MAPSY-602	नैदानिक मनोविज्ञान के आधार- Foundation of clinical Psychology	03	100 (70/30)
MAPSY-603	विकासात्मक मनोविज्ञान: जीवन विकास मनोविज्ञान -Developmental Psychology: life span Psychology	03	100 (70/30)
MAPSY-604	निर्देशन एवं परामर्श का परिचय-Introduction of guidance and counseling	03	100 (70/30)
Semester- IV			
MAPSY-605	शीलगुण एवं व्यक्तित्व का मूल्यांकन- Traits and assessment of personality	03	100 (70/30)
MAPSY-606	मनोचिकित्सकीय हस्तक्षेप- Psychotherapeutic Intervention	03	100 (70/30)
MAPSY-607	विकासात्मक मनोविज्ञान : पूर्व युवावस्था से वृद्धावस्था Developmental Psychology: Early Adulthood to Old age	03	100 (70/30)
MAPSY-608	निर्देशन एवं परामर्श: हस्तक्षेप एवं मूल्यांकन Guidance and Counseling: Intervention and assessment	03	100 (70/30)
MAPSY-609	प्रयोगात्मक (सेमेस्टर 3 rd एवं 4 th) - Practical (Semester 3 rd & 4 th)	08	100

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MADS-01	विकास अध्ययन: परिचय और सिद्धांत (Development Studies: Introduction and Theories)	06	100 (70/30)
MADS -02	विकास के मुद्दे और चुनौतियाँ (Issues and Challenges of Development)	06	100 (70/30)
MADS -03	भारत में विकास (Development in India)	06	100 (70/30)
SEMESTER II			
MADS -04	ग्रामीण विकास (Rural Development)	06	100 (70/30)
MADS -05	भारत में शहरी विकास (Urban Development in India)	06	100 (70/30)
MADS -06	विकास अध्ययन हेतु अनुसंधान पद्धति (Research Methodology for Development Studies)	06	100 (70/30)
SEMESTER III			
MADS -07	स्वास्थ्य और विकास (Health and Development)	06	100 (70/30)
MADS -08	जेंडर और विकास (Gender and Development)	06	100 (70/30)
MADS -09	अनुसंधान हेतु सांख्यिकी और कंप्यूटर का अनुप्रयोग (Statistics and Computer Applications for Research)	06	100 (70/30)
SEMESTER IV			
MADS -10	सतत् विकास, पर्यावरण और विकास (Sustainable Development, Environment and Development)	06	100 (70/30)
MADS -11	उद्यमिता विकास (Entrepreneurship Development)	06	100 (70/30)
MADS -12	PROJECT*	06	100 (70/30)

मानविकी विद्याशाखा(School of Humanities)

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration(In Yrs)		SLM	Mode Of Exam (Annual / Sem)	Year/ Sem	Details Of Fee (Rs.)						
			Minimum	Maximum				Programme	Project/ Lab Workshop	Exam	Practical	Miscellaneous	Degree Fee	Total
MASTER OF ARTS (HINDI)- MA(HINDI)	MAHL-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000	-	150		5350
							II		-	1000	-	-		1000
							III	4200		1250				5450
							IV			1250		500	1750	
MASTER OF ARTS (ENGLISH)-	MAEL-21	Graduation in any stream	2	6	English	Semester	I	4200	-	1000	-	150		5350
							II		-	1000	-	-		1000
							III	4200		1250				5450
							IV			1250		500	1750	
MASTER OF ARTS (SANSKRIT)-	MASL-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000	-	150		5350
							II		-	1000	-	-		1000
							III	4200		1250				5450
							IV			1250		500	1750	
MASTER OF ARTS (JYOTISH)	MAJY-21	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000	-	150		5350
							II		-	1000	-	-		1000
							III	4200		1250				5450
							IV			1250		500	1750	
MASTER OF ARTS (URDU)	MAUL-23	Graduation in any stream	2	6	Urdu	Semester	I	4200		1000		150		5350
							II			1000		-		1000
							III	4200		1250				5450
							IV			1250		500	1750	
MASTER OF PERFORMING ARTS (MPA- MUSIC)*	MPAM-21	अ) बी0ए0 (संगीत विषय की संबंधित विधा(जैसे गायन,तबला आदि) के साथ) याब) बी0एस0सी0/बी0 कॉम0/बी0ए0 (संगीत विषय के बिना)/स्नातक डिग्री के समकक्ष कोई उपाधि के साथ स्नातक के समकक्ष डिप्लोमा (जैसे भातखण्डे संगीत विद्यापीठ लखनऊ का संगीत विशारद/ प्रयाग संगीत समिति इलाहाबाद का संगीत प्रभाकर/ अखिल भारतीय गंधर्व महाविद्यालय मंडल मुंबई का संगीत विद आदि) संगीत विषय की संबंधित विधा(जैसे गायन,तबला आदि में)\	2	6	Hindi	Semester	I	5200	1000	500	1000	150		7850
							II		1000	500	1000	-		2500
							III	5200	1000	500	1000	-	-	7700
							IV		1000	500	1000	-	500	3000

* प्रदर्शन कला(संगीत) में स्नातकोत्तर पाठ्यक्रम के अन्तर्गत संगीत की तीन विधाएं (गायन, स्वरवाद्य एवं तबला) सम्मिलित हैं, जिनमें से किसी एक विधा का ही चयन किया जा सकता है। संगीत की स्वरवाद्य विधा के अन्तर्गत सितार, सरोद, संतूर, वायलिन, बाँसुरी तथा गिटार(भारतीय) वाद्य सम्मिलित हैं। प्रत्येक सेमेस्टर में एक कार्यशाला का आयोजन विश्वविद्यालय द्वारा किया जाएगा जिसमें सभी विद्यार्थियों का सम्मिलित होना अनिवार्य है। प्रत्येक विद्यार्थी कार्यशाला में प्रतिभाग करने के उपरांत ही प्रयोगात्मक परीक्षा में सम्मिलित हो पायेगा।

मानविकी विद्याशाखा
School of Humanities
PROGRAMME SUMMARY

Master of Arts (Hindi) मास्टर ऑफ आर्ट्स (हिंदी)

MAHL-21

Credits-72

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAHL-501	हिन्दी साहित्य का इतिहास और आदिकालीन कविता-01	04	100 (70/30)
MAHL-502	मध्यकालीन कविता-01	04	100 (70/30)
MAHL-503	आधुनिक एवंसमकालीन कविता-01	04	100 (70/30)
MAHL-504	साहित्यशास्त्र एवं हिन्दी समालोचना-01	04	100 (70/30)
SEMESTER II			
MAHL-505	हिन्दी साहित्य का इतिहास और आदिकालीन कविता-02	04	100 (70/30)
MAHL-506	मध्यकालीन कविता-02	04	100 (70/30)
MAHL-507	आधुनिक एवंसमकालीन कविता -02	04	100 (70/30)
MAHL-508	साहित्यशास्त्र एवं हिन्दी समालोचना-02	04	100 (70/30)
SEMESTER III			
MAHL-601	कथा साहित्य - 01	04	100 (70/30)
MAHL-602	नाटक एवं कथेतर साहित्य- 01	04	100 (70/30)
MAHL-603	भाषा विज्ञान एवं हिन्दी भाषा- 01	04	100 (70/30)
MAHL-604	तुलनात्मक एवं भारतीय साहित्य- 01	04	100 (70/30)
वैकल्पिक प्रश्नपत्र (किसी एक प्रश्नपत्र का चयन करें)			
MAHL-605	उत्तराखण्ड का लोक साहित्य-01	04	100 (70/30)
MAHL-606	हिन्दी पत्रकारिता : इतिहास एवं सिद्धान्त-01	04	100 (70/30)
SEMESTER IV			
MAHL-607	कथा साहित्य - 02	04	100 (70/30)
MAHL-608	नाटक एवं कथेतर साहित्य- 02	04	100 (70/30)
MAHL-609	भाषा विज्ञान एवं हिन्दी भाषा- 02	04	100 (70/30)
MAHL-610	तुलनात्मक एवं भारतीय साहित्य- 02	04	100 (70/30)
वैकल्पिक प्रश्नपत्र (किसी एक प्रश्नपत्र का चयन करें)			
MAHL-611	उत्तराखण्ड का लोक साहित्य-02	04	100 (70/30)
MAHL-612	हिन्दी पत्रकारिता : इतिहास एवं सिद्धान्त-02	04	100 (70/30)

Master of Arts (English)

MAEL-21

M.A. ENGLISH

Credits-72

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAEL-501	Course 1 Prose and Short Fiction	04	100 (70/30)
MAEL-502	Course 2 British Poetry-I	04	100 (70/30)
MAEL-503	Course 3 British Drama-I	04	100 (70/30)
MAEL-504	Course 4 Criticism-I	04	100 (70/30)

SEMESTER II				
MAEL-505	Course 1	Fiction	04	100 (70/30)
MAEL-506	Course 2	British Poetry-II	04	100 (70/30)
MAEL-507	Course 3	British Drama-II	04	100 (70/30)
MAEL-508	Course 4	Criticism-II	04	100 (70/30)
SEMESTER III				
MAEL-601	Course 1	British Poetry-III	04	100 (70/30)
MAEL-602	Course 2	Shakespeare-I	04	100 (70/30)
MAEL-603	Course 3	Indian Writing in English and in English Translation-I	04	100 (70/30)
MAEL-604	Course 4	Indian Aesthetics	04	100 (70/30)
MAEL-605	Course 5	American Literature-I	04	100 (70/30)
SEMESTER IV				
MAEL-606	Course 1	British Poetry-IV	04	100 (70/30)
MAEL-607	Course 2	Shakespeare-II	04	100 (70/30)
MAEL-608	Course 3	Indian Writing in English and in English Translation-II	04	100 (70/30)
MAEL-609	Course 4	Modern Literary Theory and Criticism	04	100 (70/30)
MAEL-610	Course 5	American Literature II	04	100 (70/30)

Master of Arts (Sanskrit) मास्टर ऑफ आर्ट्स (संस्कृत)

MASL-21

Credits-72

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MASL-501	वेद एवं निरुक्त 01	04	100 (70/30)
MASL-502	संस्कृत भाषाविज्ञान एवं व्याकरण -01	04	100 (70/30)
MASL-503	भारतीय दर्शन 01	04	100 (70/30)
MASL-504	नाटक एवं नाट्यशास्त्र 01	04	100 (70/30)
SEMESTER II			
MASL-505	वेद एवं निरुक्त 02	04	100 (70/30)
MASL-506	संस्कृत भाषाविज्ञान एवं व्याकरण -02	04	100 (70/30)
MASL-507	भारतीय दर्शन 02	04	100 (70/30)
MASL-508	नाटक एवं नाट्यशास्त्र 02	04	100 (70/30)
SEMESTER III			
MASL-601	काव्यशास्त्र 01	04	100 (70/30)
MASL-602	गद्य एवं पद्य काव्य 01	04	100 (70/30)
MASL-603	सिद्धान्तकौमुदी ,कारक एवं समास- 01	04	100 (70/30)
MASL-604	नाटक एवं नाटिका 01	04	100 (70/30)
MASL-605	संस्कृत साहित्य की आधुनिक प्रतिभाएं 01	04	100 (70/30)
SEMESTER IV			
MASL-606	काव्यशास्त्र 02	04	100 (70/30)
MASL-607	गद्य एवं पद्य काव्य 02	04	100 (70/30)
MASL-608	सिद्धान्तकौमुदी ,कारक एवं समास- 02	04	100 (70/30)
MASL-609	नाटक एवं नाटिका 02	04	100 (70/30)
MASL-610	संस्कृत साहित्य की आधुनिक प्रतिभाएं 02	04	100 (70/30)

Master of Arts (Jyotish)

MAJY-21

Credits-72

मास्टरऑफ आर्ट्स (ज्योतिष)

Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAJY-501	भारतीय ज्योतिष का परिचय एवं इतिहास -01	04	100 (70/30)
MAJY-502	सिद्धान्तज्योतिष एवं काल विवेचन -01	04	100 (70/30)
MAJY-503	पंचांगएवं मुहूर्त -01	04	100 (70/30)
MAJY-504	ग्रहण,वेध-यन्त्र तथा गोल परिचय -01	04	100 (70/30)
SEMESTER II			
MAJY-505	भारतीय ज्योतिष का परिचय एवं इतिहास -02	04	100 (70/30)
MAJY-506	सिद्धान्तज्योतिष एवं काल विवेचन-02	04	100 (70/30)
MAJY-507	पंचांगएवं मुहूर्त -02	04	100 (70/30)
MAJY-508	ग्रहण,वेध-यन्त्र तथा गोल परिचय-02	04	100 (70/30)
SEMESTER III			
MAJY-601	होराशास्त्र एवं फलोदश विवेचन- 01	04	100 (70/30)
MAJY-602	ज्योतिषशास्त्रीय विविध योग एवं दशाफल विचार-01	04	100 (70/30)
MAJY-603	ज्योतिषप्रबोध-01	04	100 (70/30)
MAJY-604	संहिता स्कन्ध-01	04	100 (70/30)
MAJY-605	ज्योतिषशास्त्र एवं यात्रा विमर्श-01	04	100 (70/30)
SEMESTER IV			
MAJY-606	होराशास्त्र एवं फलोदश विवेचन- 02	04	100 (70/30)
MAJY-607	ज्योतिषशास्त्रीय विविध योग एवं दशाफल विचार -02	04	100 (70/30)
MAJY-608	ज्योतिषप्रबोध -02	04	100 (70/30)
MAJY-609	संहिता स्कन्ध -02	04	100 (70/30)
MAJY-610	ज्योतिषशास्त्र एवं यात्रा विमर्श -02	04	100 (70/30)

Master Of Performing Arts (Music)

प्रदर्शन कला(संगीत) में स्नातकोत्तर – गायन विधा

MPAM-21

Credits-60

Course Code	Course Name	Creditt	Total Marks(Th. /Assign.)
SEMESTER I			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100 (70/30)
MPAMV-502	गायन -रागों और तालों का अध्ययन I	02	100 (70/30)
MPAMV-503	प्रयोगात्मक - 1	04	200
MPAMV--504	प्रयोगात्मक - 2	07	350
SEMESTER II			
MPAM 505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (70/30)
MPAMV--506	गायन -रागों और तालों का अध्ययन II	02	100 (70/30)
MPAMV--507	प्रयोगात्मक - 3	04	200
MPAMV--508	प्रयोगात्मक - 4	07	350
SEMESTER III			
MPAM 601	संगीत शास्त्र I	02	100 (70/30)
MPAMV--602	गायन -रागों और तालों का अध्ययन III	02	100 (70/30)
MPAMV--603	प्रयोगात्मक - 5	04	200
MPAMV-604	प्रयोगात्मक - 6	07	350
SEMESTER IV			
MPAM 605	संगीत शास्त्र II	02	100 (70/30)
MPAMV--606	गायन -रागों और तालों का अध्ययन IV	02	100 (70/30)
MPAMV-607	प्रयोगात्मक - 7	04	200
MPAMV-608	प्रयोगात्मक - 8	07	350

नोट- 1.एम0पी0ए0 संगीतप्रथमव द्वितीय सेमेस्टरके प्रश्न पत्र (एम0पी0ए0एम0-501व 505) गायन, स्वरवाद्यतथातबलातीनोंविधाओं केलिएसमानहैं।
2. एम0पी0ए0 संगीततृतीयव चतुर्थ सेमेस्टरके प्रश्न पत्र (एम0पी0ए0एम0-601व 605) गायनतथास्वरवाद्यविधाकेलिएसमानहैं।

Master Of Performing Arts (Music)

MPAM-21

प्रदर्शन कला(संगीत) में स्नातकोत्तर –स्वरवाद्य विधा

Credits-60

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks(Th. /Assign.)
SEMESTER I			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100 (70/30)
MPAMI-502	स्वरवाद्य -रागों और तालों का अध्ययन I	02	100 (70/30)
MPAMI-503	प्रयोगात्मक - 1	04	200
MPAMI--504	प्रयोगात्मक - 2	07	350
SEMESTER II			
MPAM 505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (70/30)
MPAMI--506	स्वरवाद्य -रागों और तालों का अध्ययन II	02	100 (70/30)
MPAMI--507	प्रयोगात्मक - 3	04	200
MPAMI--508	प्रयोगात्मक - 4	07	350
SEMESTER III			
MPAM 601	संगीत शास्त्र I	02	100 (70/30)
MPAMI--602	स्वरवाद्य -रागों और तालों का अध्ययन III	02	100 (70/30)
MPAMI--603	प्रयोगात्मक - 5	04	200
MPAMI-604	प्रयोगात्मक - 6	07	350
SEMESTER IV			
MPAM 605	संगीत शास्त्र II	02	100 (70/30)
MPAMI--606	स्वरवाद्य -रागों और तालों का अध्ययन IV	02	100 (70/30)
MPAMI-607	प्रयोगात्मक - 7	04	200
MPAMI-608	प्रयोगात्मक - 8	07	350
नोट- 1.एम0पी0ए0 संगीतप्रथमव द्वितीय सेमेस्टरके प्रश्न पत्र (एम0पी0ए0एम0-501व 505) गायन, स्वरवाद्यतथातबलातीनोंविधाओं केलिएसमानहैं।			
2. एम0पी0ए0 संगीततृतीयव चतुर्थ सेमेस्टरके प्रश्न पत्र (एम0पी0ए0एम0-601व 605) गायनतथास्वरवाद्यविधाकेलिएसमानहैं।			

Master Of Performing Arts (Music)

MPAM-21

प्रदर्शन कला(संगीत) में स्नातकोत्तर – तबला विधा

Credits-60

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks(Th. /Assign.)
SEMESTER I			
MPAM-501	संगीत एवं सौन्दर्यशास्त्र I	02	100 (70/30)
MPAMT-502	तालों का अध्ययन I	02	100 (70/30)
MPAMT -503	प्रयोगात्मक - 1	04	200
MPAMT -504	प्रयोगात्मक - 2	07	350
SEMESTER II			
MPAM -505	संगीत एवं सौन्दर्यशास्त्र II	02	100 (70/30)
MPAMT- 506	तालों का अध्ययन II	02	100 (70/30)
MPAMT -507	प्रयोगात्मक - 3	04	200
MPAMT 508	प्रयोगात्मक - 4	07	350
SEMESTER III			

MPAMT -601	ताल शास्त्र I	02	100 (70/30)
MPAMT -602	तालों का अध्ययन III	02	100 (70/30)
MPAMT -603	प्रयोगात्मक - 5	04	200
MPAMT 604	प्रयोगात्मक - 6	07	350
SEMESTER IV			
MPAMT -605	ताल शास्त्र II	02	100 (70/30)
MPAMT -606	तालों का अध्ययन IV	02	100 (70/30)
MPAMT -607	प्रयोगात्मक - 7	04	200
MPAMT -608	प्रयोगात्मक - 8	07	350
नोट- 1.एम0पी0ए0 संगीतप्रथमव द्वितीय सेमेस्टरके प्रश्न पत्र (एम0पी0ए0एम0-501व 505) गायन, स्वरवाद्यतथातबलातीनोंविधाओं के लिए समान हैं।			

Master of Arts (Urdu)

MAUL-23

M.A. URDU

Credits-72

Course Code	Coarse Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MAUL – 501	Ghazal – 1	04	100 (70/30)
MAUL – 502	Nazam – 1	04	100 (70/30)
MAUL – 503	Urdu Zaban o Adab Ki Tareekh - 1	04	100 (70/30)
MAUL – 504	Tahqeeq	04	100 (70/30)
SEMESTER II			
MAUL – 505	Ghazal – 2	04	100 (70/30)
MAUL – 506	Nazam – 2	04	100 (70/30)
MAUL – 507	Urdu Zaban o Adab Ki Tareekh - 2	04	100 (70/30)
MAUL – 508	Tanqeed	04	100 (70/30)
SEMESTER III			
MAUL – 601	Dastan Aur Novel	04	100 (70/30)
MAUL – 602	Qaseeda	04	100 (70/30)
MAUL – 603	Masnavi	04	100 (70/30)
MAUL – 604	Ghair Afsanvi Nasr – 1	04	100 (70/30)
MAUL – 605	Urdu Drama – 1	04	100 (70/30)
SEMESTER IV			
MAUL – 606	Afsana	04	100 (70/30)
MAUL – 607	Marsia	04	100 (70/30)
MAUL – 608	Rubai	04	100 (70/30)
MAUL – 609	Ghair Afsanvi Nasr – 2	04	100 (70/30)
MAUL – 610	Urdu Drama – 2	04	100 (70/30)

प्रबंध अध्ययन एवं वाणिज्य विद्याशाखा
School of Management Studies and Commerce

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Prog. Code	Eligibility	Duration (Yrs)		SLM	Mode of Exam Annual /Sem)	Year/ Sem	Details of Fee ()							
			Mini	Max				Programme	Project/Workshon	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
Master of Commerce M.COM.	MCOM-21	Bachelor's Degree in Commerce (B. Com.)	2	6	Hindi ¹	Sem.	I	4200	-	750	-	-	150		5100
							II		-	750	-	-			750
							III	4200	-	750	-	-			4950
							IV		-	750	-	-	500		1250
MASTER OF BUSINESS ADMINISTRATION - MBA	MBA-23	50% Marks at graduate or post-graduate level or 45% at Graduate or post graduate level along with 2 years' of supervisory/managerial/professional/teaching experience after completing graduation or post-graduation (even if the degree has been obtained in ODL mode or as a private student). (5% relaxation for reserved category) Admission through entrance test conducted by the University / MAT / CAT score	2	4	English	Sem.	I	10100	-	1500	-	-	150		11750
							II	10100	-	1250	-	-			11350
							III	10100	-	1500	-	-			11600
							IV	10100	1000	750	-	500	500		12850

Note: The fee mentioned in this table (along with Rs. 1000/- as Registration Fee) for MBA-23. The same shall be considered as Entrance Test Fee, if University conducts Entrance Examination. The conduct of the entrance examination is subject to the number of registrations received. Counselling and Documents Verification fee shall be Rs. 500. The amount of counselling and Documents Verification fee of Rs 500 shall be paid at the time of seeking admission in the first semester and shall be paid separately in the Bank Challan.

The fee for the first semester shall be paid in two Bank Challans, one for the Programme Fee and the Second for the Counselling cum Documents Verification Fee.

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क (Grand total) जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

प्रबंध अध्ययन एवं वाणिज्य विद्याशाखा

School of Management Studies and Commerce

PROGRAMME SUMMARY

MASTER OF COMMERCE मास्टर ऑफ कॉमर्स

MCOM-21

Credits-72

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th./Assign.)
SEMESTER I			
MCM-501	Business and Economic Environment (व्यावसायिक और आर्थिक पर्यावरण)	06	100 (70/30)
MCM-502	Statistical Analysis and Research Methodology (सांख्यिकीय विश्लेषण और शोध प्रविधि)	06	100 (70/30)
MCM-503	Business and Economic Laws (व्यावसायिक और आर्थिक विधि)	06	100 (70/30)
SEMESTER II			
MCM-504	Advanced Business Economics (उच्चतर व्यावसायिक अर्थशास्त्र)	06	100 (70/30)
MCM-505	Accounting Theory and Practices (लेखांकन सिद्धांत और कार्यप्रणाली)	06	100 (70/30)
MCM-506	International Business and Finance Operations (अन्तर्राष्ट्रीय व्यापार व वित्तीय परिचालन)	06	100 (70/30)
SEMESTER III			
MCM-601	Project Management (परियोजना प्रबन्ध)	06	100 (70/30)
MCM-602	Entrepreneurship Development (उद्यमिता विकास)	06	100 (70/30)
MCM-603	Business Policy and Strategic Management (व्यावसायिक नीति व रणनीतिक प्रबन्ध)	06	100 (70/30)
SEMESTER IV			
MCM-604	Advanced Financial Management (उच्चतर वित्तीय प्रबन्ध)	06	100 (70/30)
MCM-605	Security Analysis and Portfolio Management (प्रतिभूति विश्लेषण व संविभाग प्रबन्ध)	06	100 (70/30)
MCM-606	Financial Markets and Institutions (वित्तीय बाजार और संस्थाएं)	06	100 (70/30)

MASTER OF BUSINESS ADMINISTRATION मास्टर ऑफ बिजनेस एडमिनिस्ट्रेशन

MBA-23

Credit-132

MBA

PROGRAMME STRUCTURE			
Course Code	Course Name	Cre dits	Total Marks (Th./Assign.)
SEMESTER I			
MS-101	Principles of Management and Organizational Behaviour	06	100 (70/30)
MS -102	Accounting for Managers	06	100 (70/30)
MS -103	Managerial Economics	06	100 (70/30)
MS -104	Quantitative Techniques in Management	06	100 (70/30)
MS -105	Business Environment	06	100 (70/30)
MS- 106	IT and Management Information System	06	100 (70/30)
SEMESTER II			
MS- 107	Marketing Management	06	100 (70/30)
MS- 108	Human Resource Management	06	100 (70/30)
MS- 109	Financial Management	06	100 (70/30)
MS-110	Research Methodology	06	100 (70/30)
MS-111	International Business	06	100 (70/30)
YEAR II: (SELECT ANY ONE SPECIALISATION)			

(Includes specialization papers and the Integrative papers)			
HUMAN RESOURCE MANAGEMENT			
SEMESTER III			
MS-201	Business Policy and Strategic Management	06	100 (70/30)
MS-202	Entrepreneurship Development	06	100 (70/30)
MS-203	Business Ethics & Corporate Governance	06	100 (70/30)
MS- 301	Human Resource Planning	06	100 (70/30)
MS -302	Human Resource Development	06	100 (70/30)
MS- 303	Organizational Change and Development	06	100 (70/30)
SEMESTER IV			
MS- 204	Project and <i>Viva Voce</i>	12	200 (120/80)
MS-306	Industrial Relations	06	100 (70/30)
MS-307	Compensation Management	06	100 (70/30)
MS-309	Management of Training and Development	06	100 (70/30)
FINANCIAL MANAGEMENT			
SEMESTER III			
MS-201	<u>Business Policy and Strategic Management</u>	06	100 (70/30)
MS-202	Entrepreneurship Development	06	100 (70/30)
MS-203	Business Ethics & Corporate Governance	06	100 (70/30)
MS-401	Corporate Tax Planning	06	100 (70/30)
MS-402	Indian Financial System	06	100 (70/30)
MS-403	Project Finance	06	100 (70/30)
SEMESTER IV			
MS-204	Project and <i>Viva Voce</i>	12	200(120/80)
MS-404	Security Analysis and Portfolio Management	06	100 (70/30)
MS-405	International Finance	06	100 (70/30)
MS 407	Management of Financial Services	06	100 (70/30)
MARKETING MANAGEMENT			
SEMESTER III			
MS-201	<u>Business Policy and Strategic Management</u>	06	100 (70/30)
MS-202	Entrepreneurship Development	06	100 (70/30)
MS-203	Business Ethics & Corporate Governance	06	100 (70/30)
MS- 501	Marketing Research	06	100 (70/30)
MS- 502	Advertising and Sales Promotion	06	100 (70/30)
MS -503	Consumer Behaviour	06	100 (70/30)
SEMESTER IV			
MS- 204	Project and <i>Viva Voce</i>	12	200(120/80)
	Select any three from the following courses;		
MS- 505	Services Marketing	06	100 (70/30)
MS- 508	Sales and Distribution Management	06	100 (70/30)
MS- 510	Brand Management	06	100 (70/30)
Note: (As per Programme): Examination conducted on Descriptive Pattern.			

N.B.- Learners are instructed to refer to guidelines for admission to Management Programmes as given in Appendix- III included in the prospectus.

School of Computer Science & Information Technology

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name & Abbreviation	Programme Code	Eligibility	Duration In Years		SLM	Mode of Exam (Annual/ Sem)	Year / Sem	Details of Fees (Rs.)							
			M	N				Programme	Project/ Lab	Exam	Practical	Viva-Voice	Miscellaneous	Degree Fee	Grand Total
MASTER OF SCIENCE (INFORMATION TECHNOLOGY) – MSC(IT)	MSC IT-21	<p>Passed BCA/BSc(IT/CS)/ (B.Sc. with Mathematics at 10+2 Level or at Graduation Level). Candidate not having mathematics at 10+2 or graduation will have to pass one qualifying mathematic course during the course of the programme (Sr. Secondary Mathematics paper in SWAYAM portal by Dr. Rajendra Kumar Nayak, NIOS). The equivalent courses shall be identified from time to time and the details shall be provided in the University website.</p> <p>Lateral Entry: PGDCA/PGCCA from UGC recognized University with Mathematics at 10+2 or Graduation level/ 4-year degree in Computer Science Engineering or Information Technology/ A-level from DOEACC after graduation.</p>	2	4	English	Sem	I	22200	-	1000	500	-	150		23850
							II		-	750	500	-	-		1250
							III	22200	-	1000	500	-	-		23700
							IV		1000	1000	500	-	-	500	3000
MASTER OF COMPUTER APPLICATIONS – MCA-21	MCA-21	<p>Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree like PGDCA diploma from UGC recognised University, A- Level from DOEACC with graduation, etc. OR B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level (obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying Examination), they have to complete 2 semester DCA program offered by Uttarakhand Open University as a bridge course. After the completion of the bridge course, the DCA diploma shall be awarded to these candidates and they will be admitted to first semester of two-year (four semester) MCA program. For candidates who do not have Mathematics at 10+2 Level or at Graduation level, they have to enrol and complete an additional Mathematic course available at SWAYAM portal (Sr. Secondary Mathematics paper in SWAYAM portal by Dr. Rajendra Kumar Nayak, NIOS). The equivalent courses shall be identified from time to time and the details shall be provided in the University website.</p>	2	4	English	Sem	I	11100	-	1000	500	-	150		12750
							II	11100	-	1000	500	-	-		12600
							III	11100	-	1000	500	-	-		12600
							IV	11100	1000	750		-	-	500	13350
MASTER OF SCIENCE (CYBER SECURITY) – M.SC. CYBER SECURITY	MSC-CS-21	Graduation (Science/IT). Lateral Entry(IIIrd Semester): Post Graduate Diploma/Certificate in Cyber Security	2	4	English	Sem	I	22200	-	1250	-	-	150	-	23600
							II		1000	1000	-	-	-	-	2000
							III	22200	-	1000	500	-	-	-	23700
							IV		1000	1000	-	-	-	500	2500

PROGRAMME SUMMARY

कंप्यूटर विज्ञान एवं सूचना प्रौद्योगिकी विद्याशाखा

School of Computer Science & Information Technology

MASTER OF SCIENCE (INFORMATION TECHNOLOGY) –**MSCIT-21****मास्टर ऑफ साइंस (इनफार्मेशन टेक्नोलॉजी)****Credits-72**

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
SEMESTER I			
MCS-401	Introduction to Programming using C	04	100(70/30)
MCS-402	Introduction to Computing	04	100(70/30)
MCS -403	Technical English and Business Communication	04	100(70/30)
MCS-404	Digital Electronics	04	100(70/30)
MCS- BCP1	Practical	02	50
SEMESTER II			
FCS	Fundamentals of Cyber Security	04	100
MCS-405	Data Structures & Program Methodology	04	100(70/30)
MCS-406	Information System for Business	04	100(70/30)
MCS-BCP2	Practical	02	50
SEMESTER III			
MCS-501	Discreet Mathematics	04	100(70/30)
MCS-502	Object-Oriented Programming through C++	04	100(70/30)
MCS-503	Software Engineering	04	100(70/30)
MCS-504	Operating System	04	100(70/30)
MCS-P1	Practical	02	50
SEMESTER IV			
MCS -505	Database Management System	04	100(70/30)
MCS-506	Introduction to Computer Networks	04	100(70/30)
MCS -507	Design and Analysis of Algorithms	04	100(70/30)
MCS-508	Programming in Java	04	100(70/30)
MCS-Project	Project	04	100
MCS-P2	Practical	02	50

MASTER OF COMPUTER APPLICATIONS**MCA-21****मास्टर ऑफ एप्लीकेशन्स****CREDITS-80**

SEMESTER I			
MCS-501	Discrete Mathematics	04	100 (70/30)
MCS-502	Object-Oriented Programming through C++	04	100 (70/30)
MCS-503	Software Engineering	04	100 (70/30)
MCS-504	Operating System	04	100 (70/30)
MCS-P1	Practical	04	100
SEMESTER II			
MCS-505	Database Management System	04	100 (70/30)
MCS-506	Introduction to Computer Networks	04	100 (70/30)
MCS-507	Design and Analysis of Algorithm	04	100 (70/30)
MCS-508	Programming in Java	04	100 (70/30)
MCS-P2	Practical	04	100
SEMESTER III			
MCS-601	Information Security Assurance: Framework, Standards & Industry Best Practices	04	100 (70/30)
MCS-602	Computer System Architecture	04	100 (70/30)
	Elective I	04	100 (70/30)
	Elective II	04	100 (70/30)
MCS-P3	Practical	04	100 (70/30)

SEMESTER IV			
MCS-604	Introduction to Mobile Architecture	04	100 (70/30)
	Elective III	04	100 (70/30)
	Elective IV	04	100 (70/30)
MCS-603	Project (200 marks) + Viva-Voce(100 marks)	08	300

Elective I

1. Web Technology(MCS-E1)
2. Introduction to Soft Computing(MCS-E2)(Offered through SWAYAM only)
3. Fuzzy Logic and Neural Networks(MCS-E3)(Offered through SWAYAM only)
4. Basics of Remote Sensing and GIS(MCS-E4)

Elective II

1. Fundamentals of Information Security(MIT(CS)-101)
2. Cyber Security Techniques(MIT(CS)-102)
3. Information System(MIT(CS)-104)
4. Digital Forensics(MIT(CS)-202)

Elective III

1. Formal Languages and Automata(MCS-E5)
2. Python Programming(MCS-E6)(Offered through SWAYAM only)
3. Artificial Intelligence(MCS-E7)(Offered through SWAYAM only)
4. Data Science for Engineers(MCS-E8)(Offered through SWAYAM only)

Elective IV

1. Information System for Business(MCA-E8)
2. Project Management(MCA-E9)
3. Wireless Networks(MCA-E10)
4. Introduction to Internet of Things(MCA-E11)(Offered through SWAYAM only)
5. Cloud Computing(MCA-E12) (Offered through SWAYAM only)

Note: Processing fee of Rs.250/course shall be applicable to facilitate credit transfer along with the application form and transcripts.

MASTER OF SCIENCE (CYBER SECURITY) - मास्टर ऑफ़ साइंस (साइबर सिक्यूरिटी) MSCCS-21

M.Sc. (CYBER SECURITY)

Credits-80

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
SEMESTER I			
MIT(CS)-101	Fundamental of Information Security	04	100 (70/30)
MIT(CS)-102	Cyber Security Techniques	04	100 (70/30)
MIT(CS)-103	Cyber Attacks and Counter Measures:User Perspective	04	100 (70/30)
MIT(CS)-104	Information System	04	100 (70/30)
FCS	Introduction to Cyber Security	04	100
SEMESTER II			
MIT(CS)-201	Information Security Assurance : Framework, standards and Industry best practices	04	100 (70/30)
MIT(CS)-202	Digital Forensic	04	100 (70/30)
MIT(CS)-203	Advanced cyber security techniques	04	100 (70/30)
MIT(CS)-204	Cryptography& Network Security	04	100 (70/30)
MIT(CS)-P2	Project + Viva	04	100

SEMESTER III				
MIT(CS)-301	Introduction to Computing		04	100 (70/30)
MIT(CS)-302	Introduction Digital Systems		04	100 (70/30)
MIT(CS)-303	Object Oriented Programming Using C++		04	100 (70/30)
MIT(CS)-304	Introduction to Operating System		04	100 (70/30)
MIT(CS)-P3	Practical (C++)		04	100
SEMESTER IV				
MIT(CS)-401	Data Structure		04	100 (70/30)
MIT(CS)-402	Introduction to DBMS		04	100 (70/30)
MIT(CS)-403	Introduction to Networking		04	100 (70/30)
MIT(CS)-404	Computer Organization and Architecture		04	100 (70/30)
MIT(CS)-Project	Practical (DS & DBMS)		04	150

स्वास्थ्य विज्ञान विद्याशाखा
School of Health Science
PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name And Abbreviation	Programme Code	Eligibility	Duration (In Year)		SLM	Mode of Exam (Annual / Sem)	Year/ Sem	Details of Fee Structure (Rs.)							
			Minimum	Maximum				Programme Fee	Project/ Lab Workshop Fee	Exam Fee	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
MASTER OF ARTS (Home Science)	MAHS-21	B.A. Home Science or B.Sc. Home Scienc	2	6	Hindi	Sem	I	8200	-	1000	500		150		9850
							II		-	1000	500				1500
							III	8200		1000	500				9700
							IV		1500	250	500			500	2750

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total)जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

NOTE- : Master of Arts Yoga (MAY-20) पाठ्यक्रम दो वर्ष (चार सेमेस्टर)का है। द्वितीय व चतुर्थ सेमेस्टर में 10 दिवसीय कार्यशाला का आयोजन विश्वविद्यालय द्वारा किया जायेगा। जिसमें अनिवार्य रूप से प्रत्येक विद्यार्थी को प्रतिभाग करना होगा तभी विद्यार्थी प्रयोगात्मक परीक्षा में सम्मिलित हो सकेगा। भाग लेने वाले सभी विद्यार्थियों का अपने भोजन एवं आवास की व्यवस्था स्वयं करनी होगी। कार्यशाला के स्थान एवं समय का निर्धारण विश्वविद्यालय द्वारा किया जायेगा।

Semester I			
Course Code	Course Name	Credits	Total Marks (Th./Assign)
MAHS-01	Food Science and Nutrition	04	100 (70/30)
MAHS-02	Child Psychology and Theories of Human Development	04	100 (70/30)
MAHS-03	Textile Science	04	100 (70/30)
MAHS-04	Practical Based on MAHS-03	02	100
MAHS-05	Extension and Communication for Community Development	04	100 (70/30)
Semester II			
Course Code	Course Name	Credits	Total Marks (Th./Assign)
MAHS-06	Clinical and Therapeutic Nutrition	04	100 (70/30)
MAHS-07	Practical Based on MAHS-06	02	100
MAHS-08	Food Service Management	04	100 (70/30)
MAHS-09	Research Methodology and Statistics	04	100 (70/30)
MAHS-10	Family Resource Management and Entrepreneurship Development	04	100 (70/30)
Semester III			
Course Code	Course Name	Credits	Total Marks (Th./Assign)
MAHS-11	Public Health and Community Nutrition	04	100 (70/30)
MAHS-12	Life Span Development	04	100 (70/30)
MAHS-13	Apparel Designing	02	100 (70/30)
MAHS-14	Practical Based on MAHS-13	04	100
MAHS-15	Extension Programme Management and Sustainable Development	04	100 (70/30)
Semester IV			
Course Code	Course Name	Credits	Total Marks (Th./Assign)
MAHS-16	Housing and Interior Decoration	04	100 (70/30)
MAHS-17	Practical Based on MAHS-16	02	100
MAHS-18	Project Work/ Internship& viva voce	08	200 (140/60)

शिक्षाशास्त्र विद्याशाखा

School of Education

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name (Code)	Eligibility	Duration (Yrs)		SLM	Mode of Exam (Annual /Sem)	Year/ Sem	Details of Fee (₹)							
		Mini	Max				Programme	Project/ Workshop	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
Master of Arts in Education (MAED-21)	Graduation in any stream	2	6	Hindi	Semester	I	4200	-	1000	-	-	150	-	5350
						II		-	1000	-	-	-	-	1000
						III	4200	-	1250	-	-	-	-	5450
						IV		-	1250	-	-	-	500	1750

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total)जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

The student of MAED-20 opting for the online course material(The SLM shall have to be downloaded from the University Website portal elearning.uou.ac.in and hard copy of the course material shall not be provided by the University) shall be given 15% discount on the programme fee for the selected year.

एमएईडी-20कार्यक्रम के अंतर्गत यदि कोई छात्र ऑनलाइन पाठ्य सामग्री चाहता है (पाठ्यसामग्री विश्वविद्यालय की वेबसाइट के पोर्टल elearning.uou.ac.inसे डाउनलोड करनी होगी,विश्वविद्यालय द्वारा पुस्तकें उपलब्ध नहीं करायी जायेंगी) तो ऐसे छात्र को उसके कार्यक्रम के चुने हुए वर्ष के कार्यक्रम शुल्क में 15% की छूट प्रदान की जायेगी।

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks
(Th/Assign)			
Semester I			
MAED-501	Philosophical & Sociological Bases of Education (शिक्षा के दार्शनिक एवं समाजशास्त्रीय आधार)	4	100 (70/30)
MAED-502	Psychological Bases of Education (शिक्षा के मनोवैज्ञानिक आधार)	4	100 (70/30)
MAED-503	Research Methods & Statistics in Education (शिक्षा में अनुसंधान पद्धतियां एवं सांख्यिकी)	4	100 (70/30)
MAED-504	Educational Technology (शैक्षिक तकनीकी)	4	100 (70/30)
Semester II			
MAED-505	Philosophical & Sociological Bases of Education (शिक्षा के दार्शनिक एवं समाजशास्त्रीय आधार)	4	100 (70/30)
MAED-506	Psychological Bases of Education (शिक्षा के मनोवैज्ञानिक आधार)	4	100 (70/30)
MAED-507	Research Methods & Statistics in Education (शिक्षा में अनुसंधान पद्धतियां एवं सांख्यिकी)	4	100 (70/30)
MAED-508	Educational Technology (शैक्षिक तकनीकी)	4	100 (70/30)
Semester III			
COMPULSORY PAPERS (अनिवार्य प्रश्न-पत्र)			
MAED-601	Guidance and Counselling (निर्देशन एवं परामर्श)	4	100 (70/30)
MAED-602	Educational Management and Administration (शैक्षिक प्रबंधन एवं प्रशासन)	4	100 (70/30)
MAED-603	Teacher Education (अध्यापक शिक्षा)	4	100 (70/30)
MAED-604	Distance Education (दूरस्थ शिक्षा)	4	100 (70/30)
OPTIONAL PAPER (SELECT ANY ONE) (वैकल्पिक प्रश्न-पत्र किसी एक प्रश्न-पत्रका चयन करें)			
MAED-605	Curriculum Development (पाठ्यक्रम विकास)	4	100 (70/30)
MAED-606	Inclusive Education (समावेशित शिक्षा)	4	100 (70/30)
MAED-607	Measurement and Evaluation (मापन एवं मूल्यांकन)	4	100 (70/30)
Semester IV			
COMPULSORY PAPERS (अनिवार्य प्रश्न-पत्र)			
MAED-608	Guidance and Counselling (निर्देशन एवं परामर्श)	4	100 (70/30)
MAED-609	Educational Management and Administration (शैक्षिक प्रबंधन एवं प्रशासन)	4	100 (70/30)
MAED-610	Teacher Education (अध्यापक शिक्षा)	4	100 (70/30)
MAED-611	Distance Education (दूरस्थ शिक्षा)	4	100 (70/30)
OPTIONAL PAPER (SELECT ANY ONE) (वैकल्पिक प्रश्न-पत्र किसी एक प्रश्न-पत्रका चयन करें)			
MAED-612	Curriculum Development (पाठ्यक्रम विकास)	4	100 (70/30)
MAED-613	Inclusive Education (समावेशित शिक्षा)	4	100 (70/30)
MAED-614	Measurement and Evaluation (मापन एवं मूल्यांकन)	4	100 (70/30)

पत्रकारिता एवं मीडिया अध्ययन विद्याशाखा
School of Journalism and Media Studies

PROGRAMME SUMMARY & FEE STRUCTURE

Programme Name and Abbreviation	Programme Code	Eligibility	Duration (In Yr)		Slm	Mode Of Examination (Annual / Sem)	Year / Sem	Details of Fee (₹)							
			Minimum	Maximum				Programme	Project/ Dissertation Workshop	Exam	Practical	Viva-Voce	Miscellaneous	Degree Fee	Grand Total
MASTER OF ARTS (JOURNALISM AND MASS COMMUNICATION) MA(JOURNALISM AND MASS COMMUNICATION)	MAJMC-21	Graduation in any stream. Those who have one year PGDJMC or any other relevant PG Diploma from recognized institution may apply for third semester under lateral entry scheme.	2	6	Hindi	Semester	I	6200	-	1000	-	-	150		7350
							II		-	1000	-	-	-		1000
							III	6200	-	1000	-	-	-		7200
							IV		1000	-	-	500	-	500	2000

Note: Study material is available in Hindi only. However, the learners may write their examinations in Hindi or English

विद्यार्थी प्रवेश के समय अपने कार्यक्रम का सम्पूर्ण शुल्क(Grand total)जमा करें। विद्यार्थी को अध्ययन सामग्री उसी माध्यम में दी जायेगी जो उसके कार्यक्रम के सामने SLM शीर्षक में निर्दिष्ट है।

PROGRAMME SUMMARY

पत्रकारिता एवं मीडिया अध्ययन विद्याशाखा

School of Journalism and Media Studies

MASTER OF ARTS (JOURNALISM AND MASS COMMUNICATION)

MAJMC-21

मास्टर ऑफ आर्ट्स (जर्नलिज्म एण्ड मास कम्यूनिकेशन)

Credits-64

MA(JOURNALISM AND MASS COMMUNICATION)

PROGRAMME STRUCTURE			
Course Code	Course Name	Cre-dits	Total Marks (Th. /Assign.)
SEMESTER I			
MMC-101	Mass Communication: Concept, Processes and Theories	04	100 (70/30)
MMC-102	History of Journalism & Contemporary Perspective	04	100 (70/30)
MMC-103	Media Laws and Ethics	04	100 (70/30)
MMC-104	News : Definition, Concept and Reporting	04	100 (70/30)
SEMESTER II			
MMC-201	Editing, Printing & Production	04	100 (70/30)
MMC-202	Advertising and Public Relations	04	100 (70/30)
MMC-203	Electronic and Cyber Media	04	100 (70/30)
MAJMC-204	Various Forms of Journalism	04	100 (70/30)
SEMESTER III			
MMC-301	Communication Research	04	100 (70/30)
MMC-302	Media & Society	04	100 (70/30)
MMC-303	Development Journalism	04	100 (70/30)
MMC-304	Media Management	08	100 (70/30)
SEMESTER IV			
MMC-401	Dissertation/Viva-Voce	16/(12/4)	400 (280/120)

Students of MAJMC-19 final semester are required to do a compulsory four- day workshop on research methodology. They will also be required to write a 16 (12+4) credits dissertation on communication and media related issue. Out of 16 credits, 12 are assigned to dissertation and 4 credits to viva voce.

भौमिकी एवं पर्यावरण विज्ञान विद्याशाखा
School of Earth and Environmental Science

Programme name	Programme code	Eligibility	Duration (yr)		SLM	Mode of exam	Semester	Fee structure (Rs.)							
			Minimum	Maximum				Programme	Workshop	Exam	Practical	Viva-voce	Miscellaneous	Degree fees	Grand total
Master of Science (Environment Science)	MSCES-23	Graduation in any Science discipline	2	4	English	Semester	I	10200/-	3000/-	1250/-	500/-	500/-	150/-	-	15600/-
							II		3000/-	1250/-	500/-	500/-	-	-	5250/-
							III	10200/-	3000/-	1250/-	500/-	500/-	-	-	15450/-
							IV		3000/-	1250/-	500/-	500/-	-	500/-	8750/-
Master of Arts (Environmental Studies)	MAES-23	Graduation any discipline	2	6	English	Semester	I	8200/-	-	1250/-			150/-	-	9600/-
							II		-	1250/-			-	-	1250/-
							III	8200/-	-	1250/-			-	-	9450/-
							IV		1500	1250/-		500/-	-	500/-	3750/-
Master of Arts GEOGRAPHY	MAGE-23	Graduation any discipline	2	6	Hindi	Semester	I	9200	3000	1000	500	500	150		14350
							II		3000	1000	500	500			5000
							III	9200	3000	1000	500	500			14200
							IV		3000	1000	500	500		500	5500

Master of Science (Environment Science)

MSCES-23

Credit-72

	TITLE OF THE COURSE	CREDITS	Total Marks (Th. / Assign.)
SEMESTER I			
CORE COURSES (Compulsory)			
ENS 501	Environment and Ecology	4	100 (70/30)
ENS 502	Land, Water and Bio-Resources	4	100 (70/30)
ENS 503	Energy Resources	4	100 (70/30)
ENS 504	Environmental Physics and Chemistry	4	100 (70/30)
ENS 521 (L)	Laboratory-cum-Field Studies I	4	100
SEMESTER II			
ENS 506	Environmental Pollution and Health	4	100 (70/30)
ENS 507	Environmental Planning, Policies and Acts	4	100 (70/30)
ENS 508	Environmental Economics and Sustainable Development	4	100 (70/30)
ENS 509	Environmental Impact Assessment and Environmental Auditing	4	100 (70/30)
ENS 522 (L)	Laboratory-cum-Field Studies II	4	100
SEMESTER III			
ENS 601	Atmosphere and Climate Change	4	100 (70/30)
ENS 602	Research Methodology for Environmental Studies	4	100 (70/30)
ENS 621 (L)	Laboratory-cum-Field Studies III	4	100
	Elective Course	4	100 (70/30)
SEMESTER IV			
<u>N.B.</u>			
1. A learner has two options available in this semester - Option A OR Option B.			
2. OPTION B is available for only those learners who secure more than 75% marks in the first year (Semester I and II) of the programme.			
<u>OPTION A</u>			
ENS 622	Project Activity and Viva Voce	8	100
	Elective Course	4	100 (70/30)
	Elective Course	4	100 (70/30)
<u>OPTION B</u>			
ENS 623	Dissertation and Viva Voce	12	200
	Elective Course	4	100 (70/30)
LIST OF ELECTIVE COURSES FOR IIIrd and IVth SEMESTERS			
Note: The elective course selected in third semester cannot be repeated in IV th Semester again.			
ENSE 653	Environmental Microbiology and Biotechnology	4	100 (70/30)
ENSE 654	Ecophysiology and Ecotoxicology	4	100 (70/30)
ENSE 655	Clean Technologies	4	100 (70/30)
ENSE 656	RS, GIS and GPS: Basics and Applications	4	100 (70/30)
ENSE 657	Disaster management	4	100 (70/30)
ENSE 658	Occupational Health Hazards	4	100 (70/30)
ENSE 659	<i>Hazardous Wastes and their Management</i>	4	100 (70/30)

Master of Arts (Environment Studies)

MAES-23

Credit-64

COURSE CODE	TITLE OF THE COURSE	CREDITS	Total Marks (Th. / Assign.)
SEMESTER I			
CORE COURSES (Compulsory)			
ENS 501	Environment and Ecology	4	100 (70/30)
ENS 502	Land, Water and Bio-Resources	4	100 (70/30)
ENS 503	Energy Resources	4	100 (70/30)
ENS 505	Environmental Ethics and Philosophy	4	100 (70/30)
SEMESTER II			
CORE COURSES (Compulsory)			
ENS 506	Environmental Pollution and Health	4	100 (70/30)
ENS 507	Environmental Planning, Policies and Acts	4	100 (70/30)
ENS 508	Environmental Economics and Sustainable Development	4	100 (70/30)
ENS 509	Environmental Impact Assessment and Environmental Auditing	4	100 (70/30)
SEMESTER III			
ENS 601	Atmosphere and Climate Change	4	100 (70/30)
ENS 602	Research Methodology for Environmental Studies	4	100 (70/30)
	Elective Course	4	100 (70/30)
	Elective Course	4	100 (70/30)
SEMESTER IV			
<u>N.B.</u>			
1. A learner has two options available in this semester - <u>Option A</u> OR <u>Option B</u> .			
2. OPTION B is available for only those learners who secure more than 75% marks in the first year (Semester I and II) of the programme.			
<u>OPTION A</u>			
ENS 622	Project Activity and Viva Voce	8	100
	Elective Course	4	100 (70/30)
	Elective Course	4	100 (70/30)
<u>OPTION B</u>			
ENS 623	Dissertation and Viva Voce	12	200
	Elective Course	4	100 (70/30)
LIST OF ELECTIVE COURSES FOR IIIrd and IVth SEMESTERS			
<u>Note: The elective courses selected in third semester cannot be repeated in IVth Semester again.</u>			
ENSE 655	Clean Technologies	4	100 (70/30)
ENSE 656	RS, GIS and GPS: Basics and Applications	4	100 (70/30)
ENSE 657	Disaster management	4	100 (70/30)
ENSE 658	Occupational Health Hazards	4	100 (70/30)
ENSE 659	Hazardous Wastes and their Management	4	100 (70/30)

Master of Arts in Geography (एम० ए० भूगोल)**MAGE-23****Credits- 80**

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
SEMESTER I			
GEOG-501	FUNDAMENTAL OF GEOMORPHOLOGY	4	100 (70+30)
GEOG-502	FUNDAMENTAL OF NATURAL RESOURCE MANAGEMENT	4	100 (70+30)
GEOG-503	GEOGRAPHY OF INDIA	4	100 (70+30)
GEOG-504	PRINCIPALS OF PHOTOGRAMMETRY AND REMOTE SENSING	4	100 (70+30)
GEOG-505	FUNDAMENTAL OF CARTOGRAPHY	4	100
SEMESTER II			
GEOG-506	EVOLUTION OF GEOGRAPHICAL THOUGHT	4	100 (70/30)
GEOG-507	DISASTER MANAGEMENT AND PLANNING “CONCEPTS AND STRATEGIES”	4	100 (70/30)
GEOG-508	WATERSHED MANAGEMENT	4	100 (70/30)
GEOG-509	WORLD REGIONAL GEOGRAPHY	4	100 (70/30)
GEOG-510	QUANTITATIVE TECHNIQUES IN GEOGRAPHY	4	100

विज्ञान विद्याशाखा
School of Science

Programme name	Programme code	Eligibility	Duration (yr)		SLM	Mode of exam	Semester	Fee structure (Rs.)								
			Minimum	Maximum				Programme	Laboratory workshop	Project/ Dissertation	Exam	Practical	Viva-voce	Miscellaneous	Degree fees	Grand total
Master of Science (Botany)	MSCBOT-21	Graduation in concerned subject	2	6	English	Semester	I	9200	3000		1000	500	500	150	-	14350
							II		3000		1000	500	500			5000
							III	9200	3000		1000	500	500			14200
							IV		3000	800	500	500	500		500	5800
Master of Science (Mathematics)	MSCMT-23	Graduation from science stream with mathematics	2	6	English	Semester	I	9200			1250			150		10600
							II				1250					1250
							III	9200			1250					10450
							IV				1250				500	1750
Master of Science (Chemistry)	MSCCH-21	Graduation in concerned subject	2	6	English	Semester	I	9200	3000		1000	500	500	150		14350
							II		3000		1000	500	500			5000
							III	9200	3000		1000	500	500			14200
							IV		3000	800	500	500	500		500	5800
Master of Science (Physics)	MSCPH-21	Graduation in concerned subject	2	6	English	Semester	I	9200	3000		1000	500	500	150		14350
							II		3000		1000	500	500			5000
							III	9200	3000		1000	500	500			14200
							IV			800	750		500		500	2550
Master of Science (Zoology)	MSCZO-21	Graduation in concerned subject	2	6	English	Semester	I	9200	3000		1000	500	500	150	-	14350
							II		3000		1000	500	500	-	-	5000
							III	9200	3000		1000	500	500	-	-	14200
							IV		3000	800	500	500	500	-	500	5800

Master of Science (Botany)

MSCBOT-21

मास्टर ऑफ साइन्स (वनस्पतिविज्ञान)

Credits-72

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
SEMESTER I			
MSCBOT 501	Fungi, Lichen, Viruses and Bacteria	03	100 (70/30)
MSCBOT 502	Algae and Bryophytes	03	100 (70/30)
MSCBOT 503	Pteridophytes, Gymnosperms and Paleobotany	03	100 (70/30)
MSCBOT 504	Taxonomy of Flowering Plants (Angiosperms)	03	100 (70/30)
MSCBOT 505(L)	Laboratory Practical-I	06	200
SEMESTER II			
MSCBOT 506	Cell Biology of Plants	03	100 (70/30)
MSCBOT 507	Cytogenetics and Plant Breeding	03	100 (70/30)
MSCBOT 508	Plant Development	03	100 (70/30)
MSCBOT 509	Plant Reproduction	03	100 (70/30)
MSCBOT 510(L)	Laboratory Practical-II	06	200
SEMESTER III			
MSCBOT 601	Plant Physiology and Biochemistry	03	100 (70/30)
MSCBOT 602	Plant Ecology	03	100 (70/30)
MSCBOT 603	Plant Resource Utilization and Conservation	03	100 (70/30)
MSCBOT 604	Molecular Biology and Biotechnology of Plants	03	100 (70/30)
MSCBOT 605(L)	Laboratory Practical-III	06	200
SEMESTER IV			
MSCBOT 606	Biostatistics	03	100 (70/30)
MSCBOT 607	Forest Ecology*	03	100 (70/30)
MSCBOT 608	Ethnobotany*	03	100 (70/30)
MSCBOT 609(L)	Laboratory Practical-IV	03	100
MSCBOT 610	Dissertation	09	
Grading system			
*Elective Courses			
Note: Students have to opt "One Elective Course" from the two given Elective Courses (MSCBOT-607 or MSCBOT-608) in the fourth semester. Student will have to do a Dissertation. Marks shall not be awarded to the student on the Dissertation, instead of marks Grade A, B, C or D shall be given after assessment of the Dissertation.			

Master of Science (Mathematics)

MSCMT-23

Credits-72

Course Code	Course Name	Credits	Total Marks (Th. /Assign.)
SEMESTER I			
MAT501	Advanced Abstract Algebra	04	100(70/30)
MAT502	Advanced Real Analysis	04	100(70/30)

MAT503	Advanced Statistics	04	100(70/30)
MAT504	Advanced Differential Equation- I	04	100(70/30)
SEMESTER II			
MAT505	Advanced Linear Algebra	04	100(70/30)
MAT506	Topology	04	100(70/30)
MAT507	Measure Theory	04	100(70/30)
MAT508	Advanced Differential Equation-II	04	100(70/30)
MAT509	Mathematical Methods	04	100(70/30)

Master of Science (Chemistry)

मास्टर ऑफ साइन्स (रसायन विज्ञान)

MSCCH-21

Credits-72

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
SEMESTER I			
MSCCH-501	Inorganic Chemistry I	03	100 (70 /30)
MSCCH-502	Organic Chemistry I	03	100 (70 /30)
MSCCH-503	Physical Chemistry I	03	100 (70 /30)
MSCCH-504	Group Theory, Instrumentation Chemistry & Computer for chemist	03	100 (70 /30)
MSCCH-505L	Laboratory Course- I	06	200
SEMESTER II			
MSCCH-506	Inorganic Chemistry II	03	100 (70 /30)
MSCCH-507	Organic Chemistry II	03	100 (70 /30)
MSCCH-508	Physical Chemistry II	03	100 (70 /30)
MSCCH-509	Spectroscopy I	03	100 (70 /30)
MSCCH-510L	Laboratory Course- II	06	200
SEMESTER III			
MSCCH-601	Solid State and Materials Chemistry	03	100 (70 /30)
MSCCH-602	Spectroscopy II	03	100 (70 /30)
MSCCH-603	Bio-Inorganic and Bio-Physical Chemistry	03	100 (70 /30)
MSCCH-604	Photo Chemistry and Allied Chemistry	03	100 (70 /30)
MSCCH-605L	Lab Course III	06	200
SEMESTER IV			
MSCCH-606	*Organic Synthesis	03	100 (70 /30)
MSCCH-607	**Chemistry of Natural product and Heterocyclic compounds	03	100 (70 /30)
MSCCH-608	**Medicinal Chemistry	03	100 (70 /30)
MSCCH-609	Lab Course IV(Organic)	03	100
MSCCH-610	Dissertation	09	Grade
*Compulsory Course			
** Elective Course- Only one course is supposed to opt.			

Master of Science (Physics)

मास्टर ऑफ साइन्स (भौतिक विज्ञान)

MSCPH-21

Credits-72

PROGRAMME STRUCTURE			
Course Code	Course Name	Credits	Total Marks

Semester I			
MSCPH-501	Mathematical Physics	03	100 (70 /30)
MSCPH-502	Classical Mechanics	03	100 (70 /30)
MSCPH-503	Quantum Mechanics	03	100 (70 /30)
MSCPH-504	Statistical Mechanics	03	100 (70 /30)
MSCPH-505	Practical Physics I	06	200
(L)			
Semester II			
MSCPH--506	Condensed Matter Physics	03	100 (70 /30)
MSCPH--507	Spectroscopy	03	100 (70 /30)
MSCPH--508	Electrodynamics	03	100 (70 /30)
MSCPH--509	Electronics	03	100 (70 /30)
MSCPH-510	Practical Physics II	06	200
(L)			
Semester III			
MSCPH-511	Nuclear and subatomic particle Physics	03	100 (70 /30)
MSCPH-512	Advanced Quantum mechanics	03	100 (70 /30)
MSCPH-521	*Digital electronics and Communication System	03	100 (70 /30)
MSCPH-522	*Memory Devices and Microprocessors	03	100 (70 /30)
MSCPH-523(L)	*Practical Physics III	06	200
Semester IV			
MSCPH-551	**Optoelectronics	03	100 (70 /30)
MSCPH-558	**Particle Physics	03	100 (70 /30)
MSCPH-552	**Material Science	03	100 (70 /30)
MSCPH-520	Dissertation	09	Grading
* Specialization 1 st (Digital Electronics and Solid State Devices) courses			
** Elective Courses			

Master of Science (Zoology)

मास्टर ऑफ साइन्स (जन्तु विज्ञान)

MSCZO-21

Credits-72

Course Code	Paper Name	Credits	Total Marks (Th / Ass)
SEMESTER I			
MSCZO-501	Invertebrates	03	100 (70 /30)
MSCZO -502	Taxonomy & Evolution	03	100 (70 /30)
MSCZO -503	Animal Physiology&Endocrinology	03	100 (70 /30)
MSCZO -504	Bio-Chemistry	03	100 (70 /30)
MSCZO -505(L)	Practical Zoology I (Practical Related to the syllabus of I st sem.)	06	200
SEMESTER II			
MSCZO -506	Concepts of Cell Biology and Genetics	03	100 (70 /30)
MSCZO-507	Molecular Biology & Biotechnology	03	100 (70 /30)
MSCZO -508	Environmental Biology	03	100 (70 /30)
MSCZO 509	Animal Behavior	03	100 (70 /30)
MSCZO -510(L)	Practical Zoology II (Practical Related to the syllabus of II nd sem.)	06	200

SEMESTER III			
MSCZO -601	Vertebrates	03	100 (70 /30)
MSCZO -602	Developmental Biology&Immunology	03	100 (70 /30)
MSCZO -603	Bioinformatics, Biostatistics & Computer Application	03	100 (70 /30)
MSCZO -604	Microbiology	03	100 (70 /30)
MSCZO -605(L)	Practical Zoology III (Practicals Related to the syllabus of III rd sem.)	06	200
SEMESTER IV			
SPECIAL PAPER: SPECIAL PAPER EITHER FISH AND FISHERIES OR ENTOMOLOGY			
FISH AND FISHERIES			
MSCZO -606	Fish and Fisheries (Structure and Functions)	03	100 (70 /30)
MSCZO -607	Fish and Fisheries (Applied Ichthyology)(Fisheries Culture, Nutrition and Pathology)	03	100 (70 /30)
MSCZO -608	Laboratory Course: Fishery (Practical Related to the syllabus of IV th sem.)	03	100 (70 /30)
MSCZO -609	Dissertation (Seminar & Viva-Voice)	09	Grade
Or Entomology			
MSCZO-610	Entomology (Systematic and Applied Entomology)	03	100 (70 /30)
MSCZO-611	Entomology (Morphology, Physiology & Development Biology)	03	100 (70 /30)
MSCZO -612	Laboratory Course: Entomology (Practical Related to the syllabus of IV sem.)	03	100 (70 /30)
MSCZO -613	Dissertation (Seminar & Viva-Voice)	09	Grade

Note: Note: 1-*Students have to opt “One Special Paper either fish and fisheries or Entomology” from the two given Specialization Courses (**MSCZO606-609 or MSCZO-610-613**) in the fourth semester. Student will have to do a Dissertation. Marks shall not be awarded