

Central University of Himachal Pradesh

(Established under Central Universities Act 2009)

PO BOX: 21, DHARAMSHALA, DISTRICT KANGRA – 176215, HIMACHAL
PRADESH

Courses Offered **PG Programmes of Study**

Spring Semester
(January - July 2016)



For More Details: Log on to www.cuhimachal.ac.in



PG Programmes: List of Course Offerings

Spring Semester (Jan-July 2016)

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Centre for Computational Biology & Informatics

Name of School: **School of Life Sciences**

Name of the Programme of Study: **MSc (Computational Biology/Informatics)**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	CBB 417A	Advances in Structural Biology	4	Dr. Yusuf Akhter
2.	CBB 401	Mathematics in Biology	2	Dr. Vikram Singh
3.	CBB 518	Elements of Systems Biology	4	Dr. Vikram Singh
4.	CBB 513A	Introduction to Chemo-Informatics	2	Dr. P. Aparoy
5.	CBB 429	Practical Course on Structure Prediction and Modelling	2	Dr. P. Aparoy
6.	CBB 409	Computational Methods in Sequence Analysis	2	Dr. Shailender Kumar Verma
7.	CBB 504	Genomics and Proteomics	4	Dr. Shailender Kumar Verma

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	CBB 516	Molecular Evolution & Biodiversity	4	Dr. Yusuf Akhter
2.	CBB 501	Algorithms in Computational Biology	4	Dr. Vikram Singh
3.	CBB 523	Practical course on systems biology	2	Dr. Vikram Singh
4.	CBB 428	Practical Course on CADD	2	Dr. P. Aparoy
5.	CBB 428	Basics of Plant Biotechnology	2	Dr. Shailender K. Verma
6.	CBB 499	Major Project	8	Dr. Yusuf Akhter/ Dr. Vikram Singh / Dr. P. Aparoy / Dr. Shailender K. Verma

University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	CBB 516	Molecular Evolution & Biodiversity	4	Dr. Yusuf Akhter
2.	CBB 504	Genomics & Proteomics	4	Dr. Yusuf Akhter / Shailender K. Verma
3.	CBB 425	Basics of Plant Biotechnology	2	Dr. Shailender Kumar Verma



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Department of Social Work

Name of the School: **School of Social Sciences**

Name of the Programme of Study: **Master of Social Work**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	SWR 406	Social Case Work	2	SWR 401, SWR 409	Dr A. Pradhan
2.	SWR 407	Social Group Work	4	SWR 401, SWR 409	Mr. S. Ahmad
3.	SWR 519	Social Work in Rural & Tribal Communities	2	--	Guest Faculty (Course Coordinator Dr A. Pradhan)
4.	SWR 461	Field Work Practicum – II	4	--	All Faculty
5.	SWR423	Block Placement Training	4		All Faculty

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	SWR 507	Medical Social Work	2	--	
2.	SWR 440	Social Work Practice in Environmental Protection	2	--	Mr S. Ahmad
3.	SWR 444	Social Work Practice in Alcohol and Substance Abuse	2	--	Mr S. Ahmad
4.	SWR 519	Social Work in Rural & Tribal Communities	2	--	Guest Faculty (Course Coordinator Dr A. Pradhan)
5.	SWR 419	Concurrent Field Work and Viva-IV	4	SWR 405, SWR 422	All Faculty

UNIVERSITY- WIDE COURSES

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	CSR 402	Corporate Social Responsibility (Only for MSW Students)	2	SWR 401	Dr A. Pradhan



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Department of Economics and Public Policy

Name of School: **School of Social Sciences**

Name of Programme of Study: **MA Economics**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	ECN 451	Macroeconomics I	4		Prof. HR Sharma
2.	ECN 520	Microeconomics II	4		Mr. Amit K. Basantaray
3.	ECN 453	Development Economics	4		Mr. Amit K. Basantaray
4.	ECN 452	Econometrics I	4		Mr. Indervir Singh

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	ECN 446	Field Work and Report Writing	4		Mr. Amit K. Basantaray & Mr. Indervir Singh
2.	ECN 423	International Economics	4		Prof. HR Sharma & Ms. Archi Bhatia
3.	ECN 409	Money & Banking	4		Mr. Indervir Singh
4.	ECN 416	Environmental Economics	4		Mr. Indervir Singh
5.	ECN 411	Agricultural Economics	4		Mr. Amit K. Basantaray

University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	ECN 445	Basic Terms and Concepts in Economics	2		Mr. Amit K. Basantaray & Mr. Indervir Singh



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Department of Sociology and Social Anthropology

Name of School: **School of Social Sciences**

Name of Programme of Study: **MA Sociology**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	SOC 502	Classical Sociological Theory	4		Prof. Arvind Agrawal
2.	SOC 508	Indian Society	4		Dr. Gireesh Gourav
3.	SOC 418	Rural Society	4		Dr. Gireesh Gourav
4.	SOC 536	Field Work Practicum- I Viva voce	4		Dr. Gireesh Gourav





Department of English & European Languages

Name of School: **School of Humanities & Languages**

Name of the Programme of Study: **MA (English Language & Literature)**

Courses for Semester II

Sr. No	Course Code	Name of Course	Credit	Name of Faculty
1.	EEL-423	Literary Criticism from Aristotle to T.S. Eliot	4	Dr. Roshan Lal Sharma
2.	EEL-502	Victorianism	4	Dr. Hem Raj Bansal
3.	EEL-503	Modernism	4	Dr. Khem Raj Sharma
4.	EEL-418	Studying the Canon: Shakespeare	4	Dr. KBS Krishna

Courses for Semester IV

Sr. No	Course Code	Name of Course	Credit	Name of Faculty
1.	EEL-511	Modern Literary Theory	4	Dr. Roshan Lal Sharma
2.	EEL-416	Introduction to Translation Studies	2	Dr. Khem Raj Sharma
3.	EEL-407	World Literature: Concept & Major Texts	2	Dr. KBS Krishna
4.	EEL-417	Writings from the Margins	2	Dr. Hem Raj Bansal
5.	EEL 499	Dissertation	4	RLS/KRS/KBS/HRB

University-Wide Courses

Sr. No	Course Code	Name of Course	Credit	Name of Faculty
1.	EEL-412	Academic Writing	2	Dr. Hem Raj Bansal/Dr. Khem Raj Sharma/ Dr. KBS Krishna
2.	EEL-410	Literature and Filmic Representation	2	Dr. KBS Krishna



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Department of Hindi & Indian Languages

Name of School: **School of Humanities & Languages**

Name of the Programme of Study: **MA (Hindi)**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	HIL 409	Upanyaas	4		Dr.Sayema Bano
2.	HIL 430	Sahityik Siddhant:Prachin	2		Dr.Sayema Bano
3.	HIL 401	Khadi Boli ke Purv ka Kavya:Neeti Kavya Ram Kavya, Krishna Kavya, Sufi	4		Mr.Chandrkant Singh
4.	HIL 404	Khadi Boli ka Kavya: Prakriti Kavya	2		Mr.Chandrkant Singh

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	HIL 499	MA Dissertation	4		Dr.Sayema Bano & Mr.Chandrkant Singh
2.	HIL 503	Vimarsh Vishleshan (Discourse Analysis)	4		Mr.Chandrkant Singh
3.	HIL 444	Swatantrayottra Hindi Kavya	4		Mr.Chandrkant Singh
4.	HIL 448	Hindi ke kisi ek Sahityakar ka Vishesh Adhyayan	4		Dr.Sayema Bano



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Department of Sanskrit

Name of School: **School of Humanities & Languages**

Name of Programme of Study: **MA Sanskrit**

Courses for Semester II (BA Sanskrit)

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	SKT 104	साहित्यम्	4		Mr. Jai Krishan
2.	SKT 105	ज्योतिषम्	4		Mr. Mukesh Kumar
3.	SKT 106	धर्मशास्त्रम्	4		Mr. Mukesh Kumar
4.	SKT 131	न्यायव्यवस्था	4		Ms. Anuradha
5.	A 4 Credit Course To be offered by Dept. of Sociology/Department of English & European Languages				

Courses for Semester II (MA Sanskrit)

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	SKT 305	संस्कृतकाव्यम्	4		Ms. Anuradha
2.	SKT 306	संस्कृतगद्यम्	4		Mr. Jai Krishan
3.	SKT 320	वैश्विकसन्दर्भे संस्कृत-साहित्यम्	4		Mr. Mukesh Kumar
4.	SKT 321	पाणिनीयव्याकरणस्य वैज्ञानिकता	4		Mr. Jai Krishan



Department of Physics and Astronomical Sciences

Name of School: **School of Physical and Material Sciences**

Name of Programme of Study: **M.Sc. in Physics (Specialization in Theoretical Physics)**

Courses offered for B.Sc. (Hon) II Semester

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	PAS 104T	Waves & Oscillations	4	-	Dr. SriKrishna Panday
2.	PAS 103T	Electricity and Magnetism	4	-	Dr. B.C. Chauhan
3.	PAS 104L	Waves & Oscillations (Lab)	2	-	Dr. SriKrishna Panday & Rakesh Rathore
4.	PAS 103L	Electricity and Magnetism Lab	2	-	
5.	HIL 469/SKT 201	Hindi/Sanskrit	2		
6.	CCS 102T	Chemistry-II	4		Dr. R. N. Tiwari, Dr. Subhankar Chatterjee
7.	CCS 102L	Chemistry Lab	2		

Courses for Semester II (M.Sc. in Physics)

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	PAS 408A	Condensed Matter Physics	4	-	Dr. Jagdish Kumar
2.	PAS 409A	Nuclear and Particle Physics	4	-	Dr. Dalip Singh Verma
3.	PAS 406A	Statistical Mechanics	4	-	Dr. SriKrishna Panday
4.	PAS 423	Modern Physics Lab	2	-	
5.	PAS 507	Advanced Mathematical Physics	2		
6.	PAS 417A	History and Philosophy of Science	2		Dr. B. C. Chauhan
7.	PAS 427A	Scientific Writing and Presentation	2		Dr. B. C. Chauhan and Dr. D. S. Verma

Courses for Semester IV (M.Sc. in Physics)

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.		Project	4	-	All Faculty
2.	PAS 548	A. Molecular Simulations in Material Science B. Nano Material and Technology	4 4	-	Dr. O.S.K.S. Sastri & Dr. J. Kumar Dr. Padmnabh Rai & Dr. R. N. Tiwari
3.	PAS 552 PAS 516A	A. Neutrino Physics B. Theory of Relativity	4 4		Dr. Surender Verma Dr. Ayan Chatterjee
4.	PAS 546A PAS 506A	Atomic and Molecular Physics	2		Dr. O.S. K. S. Sastri & Dr. P. Rai



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School of Business and Management

Name of School: **School of Business & Management Studies**

Name of the Programme of Study: **MBA**

Courses for Semester II

(In Open Core Courses MSO 409 is compulsory and out of other five courses student can select only one)

Sl. No.	Course Code	Course Name	Credits
CORE COURSES			
1.	AFA 403	Financial Management	4
2.	HRM 402	Human Resource Management	4
3.	POM 401	Operations Management	2
4.	MSO 601	Business Research Methods	2
OPEN CORE			
6.	MSO 409	Field Work / Survey / Development of Case Study / *	2
7.	HRM 507	Conflict Management and Negotiation Skills	2
8.	POM 505	Total Quality Management	2
9.	AFA 411	Management of Financial Institutions	2
10.	MSC 405	Integrated Marketing Communication	2
11.	EDM401	Fundamentals of Entrepreneurship	2

Courses for Semester IV

Marketing and Supply Chain Management

S. No.	Course Code	Course Title	Credits			Course Co-ordinator
School Wide Courses (No. of credits to be opted 6)						
1.	POM 504	Operations Research*	2			
2.	MSO 598	Comprehensive Viva Voce*	2			
3.		(Any course from other department)	2			
Department {M & SCM} Wide Courses (No. of credits to be opted 8 +2=10)						
4.	MSC 40 5	Integrated marketing Communication	2			
5.	MSC 522	Web Based Advertising	2			
6.	MSC 514	Sales and distribution Management	2			
7.	MSC 508	Customer Relationship Management	2			
8.	MSC 408	Supply Chain Management	2			
9.	MSC 509	Green Marketing	2			
10.	MSC 499	Project Work in Marketing and Supply Chain Management*	2			



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Courses for Semester IV

Department of Accounting & Finance

S. No.	Course Code	Course Title	Credits			Course Co-ordinator
School Wide Courses (No. of credits to be opted 6)						
1.	POM 504	Operations Research*	2			
2.	MSO 598	Comprehensive Viva Voce*	2			
3.		(Any course from other department)	2			
Department {A & F} Wide Courses (No. of credits to be opted 8 +2=10)						
4.	AFA 508	Mergers and Acquisitions	2			
5.	AFA 524	Futures Options and Other Derivatives.	2			
6.	AFA 404	Personal Finance	2			
7.	AFA 532	Foreign Exchange Risk Management	2			
8.	AFA 511	Financial Engineering	2			
9.	AFA 526	Bond Markets Analysis and Strategies	2			
10.	AFA 427	Tax Management	2			
11.	AFA 529	Quantitative Finance	4			
12.	AFA 499	Project Work in Finance*	2			

Courses for Semester IV

Department of HRM & OB

S. No.	Course Code	Course Title	Credits			Course Co-ordinator
School Wide Courses (No. of credits to be opted 6)						
1.	POM 504	Operations Research*	2			
2.	MSO 598	Comprehensive Viva Voce*	2			
3.		(Any course from other)	2			
Department {HRM & OB} Wide Courses (No. of credits to be opted 8 +2=10)						
4.	HRM 513	Labour Laws	2			
5.	HRM 512	Industrial Psychology	2			
6.	HRM 515	International HRM	2			
7.	HRM 525	Organizational Transformation and Development	2			
8.	HRM 509	Performance Management- Systems & Strategies	2			
9.	HRM 499	Project Work*	2			

Note: Courses bold faced and marked with asterisk are compulsory courses



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Department of Computer Science & Informatics

Name of School: **School of Mathematics Computer & Information Sciences**

Name of Programme of Study: **M.Sc. IT**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	CSI420	Data Structure & Algorithms	4	CSI401	
2.	CSI422	LAB- Data Structure & Algorithms	2	CSI407A	
3.	CSI409A	DBMS	4	--	
4.	CSI414A	LAB- DBMS	2	CSI409A	
5.	CSI 502	Software Engineering	4		

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	CSI503	Java Programming	4	CSI410	
2.	CSI508A	LAB- Java	2		
3.	CSI 426	Operating system	4		
4.	CSI506	E-Governance, E-Business and E-Learning	2		
5.	CSI 413	Computer Network	4		



Department of Library & Information Science

Name of School: **School of Mathematics Computer & Information Sciences**

Name of Programme of Study: **Master of Library Science**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite /Co-Requisite	Name of Faculty
1.	LIS 411	Management of Libraries and Information Centers	2	CSI410	
2.	LIS 405A	Library Cataloging (Theory)	4		
3.	LIS 407A	Library Classification (Theory)	4		
4.	LIS 408	Knowledge Organization and Information Processing (Practical): Classification	4		
5.	LIS 412	Internship	2		

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite /Co-Requisite	Name of Faculty
1.	LIS 598	Dissertation/Project	4	CSI410	
2.	LIS 416A	Information Retrieval	4		
3.	LIS 531	Digital Library – Advanced (Theory)	4		
4.	LIS 509	Knowledge Management	4		



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Department of Mathematics

Name of School: **School of Mathematics, Computers and Information Science**

Programme of Study: **M. Sc.-Mathematics**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	IAM 404	Mathematical Methods	4		Dr. Rakesh Kumar
2.	IAM 405	Fluid Dynamics	4		
3.	MTH 404	Abstract Algebra	4		Dr. S. K. Srivastava
4.	MTH 501	Number Theory	4		Dr. Ravinder Singh

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	IAM 407	Differential geometry	4		Dr. S. K. Srivastava
2.	IAM 501	Functional Analysis	4		Dr. S. K. Srivastava
3.	IAM 506	Finite Element Methods	4		



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Department of Tourism and Travel

Name of School: **School of Tourism Travel and Hospitality Management**

Name of Programme of Study: **MBA (Specialisation in Tourism and Travel)**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	TTM 401	Introduction to Travel Agency and Tour Operation Business	2	Dr Suman Sharma
2.	TTM 431	Galileo CRS System	2	Dr Suman Sharma
3.	TTM 432	Regional dimensions of tourism	4	Dr Suman Sharma
4.	TTM 416	Tourism Circuits of India	2	Dr Suman Sharma
5.	TTM 442	Tourism System	2	Dr Suman Sharma
6.	TTM 424	Guiding Skills and Personality Development	2	Dr S. Sundararaman
7.	TTM 530	Logistics Management	2	Dr S. Sundararaman
8.	TTM 422	Introduction to Hotel Management	2	Mr Debasis Sahoo
9.	TTM 436	House Keeping in Hotel Operations	4	Mr Debasis Sahoo
10.	TTM 437	Front Office Operations In Hotels	4	Mr Debasis Sahoo

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	TTM 525	Tourism Geography II	4	Dr Suman Sharma
2.	TTM 524	Sustainable Tourism	4	Dr Suman Sharma
3.	TTM 523	Ethical Legal and Regulatory Framework	2	Dr Suman Sharma
4.	TTM 539	Entrepreneurship development in Tourism and travel	2	Dr Suman Sharma
5.	TTM 503	Quantative Techniques for Tourism and Travel	2	Dr Suman Sharma
6.	TTM 513	Specialization in Airline Operations	2	Dr S. Sundararaman
7.	TTM 521	Cases of Selected Tourism and Hospitality Enterprises	2	Dr S. Sundararaman
8.	TTM 517	Tourist Destination Management	2	Mr Debasis Sahoo
9.	TTM 510	Resort Management	2	Mr Debasis Sahoo
10.	TTM 436	House Keeping in Hotel Operations	4	Mr Debasis Sahoo
11.	TTM 438	Food & beverage Service	4	Mr Debasis Sahoo
12.	TTM 514	Specialization in Hotel Operations	2	Mr Debasis Sahoo
13.	TTM 534	Training	4	All Faculty



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University Wide Courses

Sr. No.	Course Code	Course Name	Credit	Name of Faculty
1.	TTM 429	Security, Rescue and Disaster management	02	Dr S. Sundararaman
2.	TTM 533	Economics of Tourism	02	Dr S. Sundararaman
3.	TTM 530	Logistics Management	02	Dr S. Sundararaman
4.	TTM 512	Eco tourism Planning and practices	02	Dr Suman Sharma





Department of Journalism and Creative Writing

Name of School: **School of Journalism, Mass Communication and New Media**

Name of Programme of Study: **MA (Journalism and Creative Writing)**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	JCW 412	Designing and Editing in Print Media	4	Dr. M. Rabindranath
2.	JCW 407	Media Management and News Paper Production	4	-----	Dr. Archna Katoch
3.	JCW 536	Writing for Journalists	4	-----	Dr. Harsh Mishra
4.	JCW 506	Web Journalism	4	-----	Dr. Harsh Mishra

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	JCW 505	Advertising	4	-----	Dr. M. Rabindranath
2.	JCW 402	Development Communication	4	Dr. Archna Katoch
3.	JCW 535	Women and Media	4	-----	Dr. Archna Katoch
4.	JCW 539	Corporate Communications	4	-----	Dr. Harsh Mishra





Department of Mass Communication and Electronic Media

Name of the School: **Journalism, Mass Communication and New Media**

Name of the Programme of Study: **MA New Media Communication**

Courses for Semester II

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1	MCE 408	Writing for New Media	4	Core Compulsory	Workshop Mode/External Resource Person
2	MC E 501	Introduction to Radio and Television Production	4	Core Compulsory	Dr. R.P. Rai
3	MCE 511	Media Production Techniques	4	Core Compulsory	Dr. Pradeep Nair
4	MCE 507	Mobile Communication	4	Core Open	Dr. R.P. Rai

Courses for Semester IV

Sr. No.	Course Code	Course Name	Credit	Pre-Requisite/ Co-Requisite	Name of Faculty
1.	MCE 407	Communication Research	4	MC E 401	Dr. Pradeep Nair
2.	MC E 515	Film Production	4	MC E513 MCE 514	Dr. R.P. Rai
3.	MCE 521	Participatory Communication Approaches for Development	4	-----	Dr. Pradeep Nair
4.	MCE 523	Documentary Film Production	4	-----	Workshop Mode/External Resource Person
5.	MCE 527	Media Products III (Documentary/Short Film Production)	4	-----	Dr. R.P. Rai



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Department of Teachers Education

Name of School: School of Education

Name of the Programme of Study: MA Education

Courses for Semester II

Sr. No.	Course Code	Name of Course	Credit	Level	Name of Faculty
1.	TTR 402 (CC)	Philosophical Foundations of Education	2	4	Dr. Navneet Sharma
2.	TTR 409 (CC)	Education in Emerging Indian Society	2	4	Ms. Prakrati Bhargava
3.	TTR 419 (CC)	Advanced Educational Psychology	4	4	Dr. Manoj K Saxena
4.	TTR 413 (CO)	Action Research in Education	2	4	Dr. Manoj K Saxena
5.	TTR 422 (CO)	Teacher Education	2	4	Dr. Navneet Sharma
6.	TTR 602 (ES)	Development and Standardization of Research Tools	4	6	Dr. Manoj K Saxena

(CC)- Core Compulsory, (CO) - Core Open, (ES) - Elective Specialisation

Courses for Semester IV

Sr. No.	Course Code	Name of Course	Credit	Level	Name of Faculty
1.	TTR 408	Educational Technology	4	4	Dr. Manoj K, Saxena
2.	TTR 608	Philosophy of Educational research	4	6	Ms. Prakrati Bhargava
3.	TTR 452	Culture, Cognition and Education	4	6	Dr. Anu G.S.& Ms. Prakrati Bhargava
4.	TTR 440	Guidance and Counselling	2	4	Dr. Anu G.S
5.	TTR 499	Dissertation	4	4	Dr. Anu G.S
6.	TTR 498	Viva voce	2	4	-

University Wide Courses

Sr. No.	Course Code	Name of Course	Credit	Level	Name of Faculty
1.	TTR 454	Gender, Society and Education	4	4	Dr. Navneet Sharma



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Department of Environmental Sciences

Name of School: **School of Earth and Environmental Sciences**

Name of the Programme of Study: **MSc (Environmental Sciences)**

Semester II

Sr. No.	Course Code	Name of the course	Credit	Name of Faculty
1.	ENV569	Environmental Pollution and Health issues	4	SC
2.	ENV 408	Biodiversity and wildlife Management	2	MA
3.	ENV 419	Geosciences Lab	2	AL
4.	ENV 424	Fundamentals of Remote Sensing	2	AL
5.	ENV 535	Natural Hazard	2	AL

Foundation CORE Courses: HM and SD

Sl. No.	FC	Course Code	Course Name	Credits	Teacher
1.	FC-HM	ENV 508	Environmental Ethics	2	SC
2.	FC-SD	ENV 411	Waste Mangement	2	DP

CORE Courses: OPEN (Department wide): [Required credit-04]

Sl. No.	Course Code	Course Name	Credits	Teacher
1.	ENV432	Introduction to Statistical Techniques	4	AT
2.	ENV 412	Analytical Technique	2	DP
3.	ENV 541	Techniques of Artificial Water Recharge in Hilly Regions	2	AL

Semester IV

Sr. No.	Course Code	Name of the course	Credit	Name of Faculty
1.	ENV 521	Geo-Engineering	2	AKM/Swati
2.	ENV 564	Near Surface Geophysics	4	AKM/Praveen
3.	ENV 523	Toxic and Hazardous Waste Management	4	DP
4.	ENV 524	Environmental Impact Assessment	2	MA
5.	ENV 558	Applied Microbiology	4	MA/Geetika/Shikha /Shalini



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6.	ENV 509	Glaciology (+RD)	4	AL
7.	ENV 611	Atmospheric Chemistry (+RD)	2	AT
8.	ENV431	Environmental Data Analysis (+RD)	4	AT
9.	ENV 532	Project work	4	[ALL FACULTY]

University Wide Courses

Sr. No.	Course Code	Name of the Course	Credit	Faculty
1.	ENV 536	Disaster Management	2	AKM/Pawan



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