

**DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Program Code : **XXX M.Sc. (Economics)**
 Department : **Department of Humanities and Social Sciences**
 Year : **I**
 Model : **1-A**

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Semester-I (Autumn)									
1.	HSC-501	Microeconomics-I	PCC	4	3	1	0	3	0
2.	HSC-503	Macroeconomics-I	PCC	4	3	1	0	3	0
3.	HSC-505	Basic Econometrics	PCC	4	3	0	2	3	0
4.	HSC-507	Development Economics	PCC	4	3	1	0	3	0
5.	HSC-509	Mathematical Economics	PCC	4	3	1	0	3	0
6.		Social Science Course	SSC	2	-	-	-	-	-
		Total		22					
Semester-II (Spring)									
1.	HSC-502	Microeconomics-II	PPI	4	3	1	0	3	0
2.	HSC-504	Macroeconomics-II	PPI	4	3	1	0	3	0
3.	HSC-506	Public Policy: Theory and Practice	PPI	4	3	1	0	3	0
4.		Program Elective-I	PPI	4	-	-	-	-	-
5.		Science, Technology, and Advanced Research-tools	STAR	3	-	-	-	-	-
6.	HSC-700	Seminar	SEM	2	-	-	-	-	-
		Total		21					

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Program Code : **XXX M.Sc. (Economics)**
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 Model : **1-A**

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Semester-I (Autumn)									
1.	HSC-691	Internship Social Activity	ISA	3	-	-	-	-	-
2.	HSC-511	Financial Economics: Theory and Practice	PPI	4	3	0	2	3	0
3.		Program Elective-II	PPI	4	-	-	-	-	-
4.		Program Elective-III	PPI	4	-	-	-	-	-
5.	HSC-601	Project Stage-I	PROJECT	4	-	-	-	-	-
		Total		19					
Semester-II (Spring)									
1.		Program Elective-IV	PEC	4	-	-	-	-	-
2.		Program Elective-V	PEC	4	-	-	-	-	-
3.	HSC-602	Project Stage-II	PROJECT	6	-	-	-	-	-
		Total		14					

Summary				
Semester	1	2	3	4
Semester-wise Total Credits	22	21	19	14
Total Credits	76			

Program Elective Courses

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	HSL-521	International Economics	PEC	4	3	1	0	3	0
2.	HSL-522	Environmental Economics	PEC	4	3	1	0	3	0
3.	HSL-523	Advanced Econometrics	PEC	4	3	0	2	3	0
4.	HSL-524	Money, Banking and Financial Markets	PEC	4	3	1	0	3	0
5.	HSL-525	Advanced Topics in Growth Theory	PEC	4	3	1	0	3	0
6.	HSL-526	Efficiency and Productivity Analysis	PEC	4	3	0	2	3	0
7.	HSL-527	Agriculture Economics & Policy	PEC	4	3	1	0	3	0
8.	HSL-528	Handling Large-scale Survey Data	PEC	4	3	0	2	3	0
9.	HSL-529	Social and Economic Networks	PEC	4	3	0	2	3	0
10.	HSL-530	Analytics for Business and Society	PEC	4	3	0	2	3	0
11.	HSL-531	Financial Econometrics	PEC	4	3	0	2	3	0
12.	HSL-532	Labour Economics : Theory & Practical	PEC	4	3	1	0	3	0
13.	HSL-533	International Finance	PEC	4	3	1	0	3	0
14.	HSL-504	Behavioral Economics	PEC	4	3	1	0	3	0
15.	HSL-534	Machine Learning Applications in Economics	PEC	4	3	1	0	3	0
16.	HSL-535	Urban Economics	PEC	4	3	1	0	3	0

Note: Students should opt for PECs in such a way that they earn 03 credits from practical components in the entire programme.

M.Sc. (Economics)

Science, Technology, and Advanced Research-tools Basket

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	HST-501	Statistical Application for Behavioural and Social Research	STAR	3	2	1	0	3	0

Social Sciences Course Basket

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	HSS-501	Economic and Business Environment	SSC	2	2	0	0	2	0
2.	HSS-502	Sociology of Work	SSC	2	2	0	0	2	0
3.	HSS-503	Learning and Memory	SSC	2	2	0	0	2	0
4.	HSS-504	Advanced Technical Communication Skills	SSC	2	1	0	2	0	0