

Amrita School of Arts & Sciences

Course book (July - Dec, 2013)

Department of Physics

Integrated M.Sc (M/P) & M.Sc Physics

S1 Int. M.Sc

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	Name of Faculty
H	12ENG101	Communicative English	2-0-2	3	G	B	Ms Neelima Devadasan
	SAN103/ MAL 101	Language - paper 1	1-0-2	2	J		Bri Meera S R / Mr Raju Madhavan
S	12CHY101	Chemistry 1	3-0-0	3	A	E	Dr Zeena S Pillai
S	12CSA136	Introduction to Programming Using C	3-0-0	3	B	C	Mr Sumesh
S	12PHY111	Mechanics	3-1-0	4	C	A	Dr V Sitaram
M	12MAT101	Mathematical Foundations	3-1-0	4	D	D	Ms Remya M R
S	12CSA186	Introduction to Programming Using C lab	0-0-3	1		W4-5	Mr Sumesh
S	12PHY180	Phy Lab 1	0-0-3	1		Th-FN	Dr V. Rakesh, Mr P. Sreedev
H	12CUL101	Cultural Education I	2-0-0	2	H		Br. Prashant

S3 Int.M.Sc

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
S	LSC100	Introduction to Life Sciences	3-0-0	3	A	C	
M	MAT201	Basic Analysis and Matrices	3-1-0	4	D	D	Mr Jishnu Raj
M	MAT202	Vectors and Ordinary Differential Equations	3-1-0	4	E	E	Mr Pramod P Nair
S	PHY200	History & Philosophy of Science	3-0-0	3	B	F5, F6	Br Sivanandan
S	PHY210	Heat and Thermodynamics	3-1-0	4	F	F	Ms.Dhanya S R
S	PHY220	Basic Electronics	3-1-0	4	C	B	Ms Baby Sreeja S D
S	CHY280	Chemistry Lab	0-0-3	1		Th-AN	Dr Zeena S pillai
S	PHY 280	Basic Electronics Lab	0-0-3	1		W-FN	Ms Baby Sreeja S D and Teaching Assistant

S5 Int.M.Sc

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
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M	MAT331	Linear Algebra and Discrete Mathematics	3-1-0	4	C	C	Ms Remya M R
M	STA 200	Prabability and Statistics	3-1-0	4	D	D	Ms Jayalakshmi K K
S	PHY340	Relativity & Modern Physics	3-1-0	4	B	B	Mr P Sreedev
S	PHY321	Introduction to Electrodynamics	3-1-0	4	A	A	Dr V Sitaram
H	BUS 108	Principles of Management	2-0-0	2	E	E	Ms Kala V K
S	CHY381	Chemistry Lab II	0-0-3	1		W-FN	Dr Saritha A
S	MPJ397	Seminar	0-0-1	1		W5	

S7 Int.M.Sc

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
S	PHY410	Classical Mechanics	4-0-0	4	B	B	Ms Remya S Nair
S	PHY430	Quantum Mechanics 1	4-0-0	4	C	D	Dr K Narayanankutty
S	PHY432	Mathematical Physics	3-0-0	3	D	C	Dr V M Nandakumaran
M	MAT411	Advanced Complex Analysis (Int.MSc)	4-0-0	4	E	A	Mr Pramod P Nair
S	PHY481	Physics Lab A	0-0-1	1		Th-AN, F-FN	Dr Ganesh Sundaram & Ms Roshima N S
S	MPJ497	Seminar	0-0-2	1		F7, F8	Dr V.M Nandakumaran ,Dr K Narayanankutty
S	MPJ480	Simulation Lab	0-0-3	1		T-FN, F-AN	Dr Rajmohan Kombiyil
	H=0	S=13	M = 4				

S9 Integrated M.Sc

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
S	PHY520	Advanced Electronics	4-0-0	4	B	B	Mr Athul Shaji
S	PHY540	Nuclear & Particle Physics	4-0-0	4	C	D	Dr V Rakhesh
S	PHY541	Condensed Matter Physics 1	3-0-0	3	D	C	Dr Ganesh Sundaram
	PHY450	Elective 1(Fundamentals of Plasma Physics)	3-0-0	3			Dr Rajmohan Kombiyil
	PHY452	Elective 11(Nonlinear Dynamics)	3-0-0	3			Dr Del Marshall
S	PHY581	Advanced Electronics Lab	0-0-3	1		W-FN, Th-AN	Mr Shriram N , Ms Renuka
S	PHY582	Seminar	0-0-2	1		M7, M8	
S	PHY596	Mini Project		1		F6	

MSc PHYSICS

S1 M.Sc. Phy

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
S	PHY411	Classical Mechanics	4-0-0	4	B	B	Ms Remya S Nair
S	PHY429	Quantum Mechanics 1	4-0-0	4	C	D	Dr K Narayanankutty
S	PHY434	Mathematical Physics	3-0-0	4	D	C	Dr V M Nandakumaran
S	PHY436	Computational Physics	4-0-0	4	E	T4,Th4,F4	Dr DelMarshall
S	MPJ 481	Simulation Lab	0-0-3	1			Dr Rajmohan Kombiyil
S	PHY481	Physics Lab A	0-0-3	1			Dr Ganesh Sundaram & Roshima
S	PHY497	Seminar	0-0-2	1		Th-AN, F-FN	Dr V M Nanadakumaran,Dr. K Narayanankutty
H	CUL 201	Cultural Education	1-0-0	P/F			

S3 M.Sc Physics

Cat	Code	Title	L-T-P	Cr	Exam slot	Time table slot	
S	PHY520	Advanced Electronics	4-0-0	4	B	B	Mr Athul Shaji
S	PHY543	Nuclear & Particle Physics	4-0-0	4	C	D	Dr V Rakesh
S	PHY544	Condensed Matter Physics	4-0-0	4	D	C	Dr Ganesh Sundaram
	PHY555	Elective 1(Fundamentals of Plasma Physics)	3-0-0	3			Dr Rajmohan Kombiyil
	PHY552	Elective 11(Nonlinear Dynamics)	3-0-0	3			Dr Del Marshall
S	PHY581	Advanced Electronics Lab	0-0-3	1		W-FN, Th-AN	Mr Shreram N , Ms Renuka
S	PHY596	Mini Project B		2		F6	

Department of Commerce & Management

S1 BBM

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
12ENG101	Communicative English	2-0-2	3	A	G	Ms.Deepthy
	Language -Paper 1	1-0-2	2	F	J	Ms.Meera.S.R
12BUS 102	Principles of Management	3-1-0	4	B	D	Ms.Jyothilakshmi. H
12COM 113	Financial Accounting	3-1-0	4	C	A	Ms.Ambily .R

12ECO 101	Principles of Micro Economics	2-1-0	3	D	C	Ms.Pravitha .N.R
12MAT106	Basic Mathamatics	2-1-0	3	E	E	Ms.Hemalatha
12ECO103	Business and Environment	2-1-0	3	G	B	Ms.Durgalashmi .C.V
12CUL101	Cultural Education I	2-0-0	2	H	H	Bri.Jisha

TOTAL= 24

S3 BBM

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
BUS101	Organizational Behaviour	2-1-0	3	A	E	Ms.Jyothilakshmi. H
BUS133	Marketing Management	3-1-0	4	B	A	Ms.Renjini .S .Nair
COM 115	Cost Accounting	3-1-0	4	C	C	Mr.Abymon. A
COM 135	Banking and Insurance	3-1-0	4	D	B	Ms.Jayasree.S
MAT205	Quatitative methods for Managers	1-1-0	2	E	F	Ms.Sarika
LAW102	Indian Constitution	1-1-0	2	F	D	Mr.Vinod Kumar
SSK101	Life Skills I	0-0-3	1	G	N	Mr.Rajesh

TOTAL= 21

S5 BBM

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
BUS 105	Introduction to InternationalBusiness	2-1-0	3	A	A	Ms.Aarathi .K.Sudhakaran
BUS 125	Human Resource Management	3-1-0	4	B	B	Ms.Kala .V.Krishnan
BUS 245	Operation Management	3-1-0	4	C	C	Ms.Renjini .S.Nair
COM 225	Managerial Finance	3-1-0	4	D	D	Mr.Manoharan. T.G
CSA 205	ecommerce	3-0-3	4	E	E	Mr.Abymon.A
SSK103	Life Skills III	0-0-3	1	F	F	Mr.Rajesh
BUS398	Project Internship		4	G	VIVA	Ms.Pravitha.N.R

TOTAL= 24

S5 BCom

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
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COM311	Management Accounting	3-1-0	4	B	A	Ms.Aarathi.K.Sudhakaran
COM 341	Direct and Indirect Taxes	3-1-0	4	A	B	Ms.Manoharan.T.G
CSA 238	Web Technologies and E-commerce	2-1-0	3	C	C	Br.Krishnaprasad
CSA 294	Web Technologies and E-commerce lab	0-1-3	2	D	D	Br.Krishnaprasad
COM 351	Entrepreneurship and Project Finance	4-0-0	4	E	E	Ms.Jayasree.S
SSK103	Life SkillsIII	0-0-3	1	F	F	Mr.Rajesh

TOTAL= 18

S3 B.Com

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
COM211	Corporate Accounting	3-1-0	4	A	A	Ms.Ambily.R
COM231	Insurance and risk management	2-1-0	3	B	B	Ms.Durgalashmi. C.V
BUS107	Business management	2-1-0	3	C	C	Ms.Pravitha. N.R
CSA233	Visual programming using VB	2-1-0	3	D	E	Ms.Kavitha
ENV100	Environmental studies	3-1-0	4	F	K	Dr.SmithaChandran
LAW103	Merchantile Laws	3-1-0	4	E	D	Mr.Vinod Kumar
CSA 295	Visual Programming using VB Lab.	0-1-3	2	G	LAB	Ms.Kavitha
SSk101	Life Skills 1	0-0-3	1	H	N	Mr.Rajesh

TOTAL= 24

S1 B.Com

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
12ENG101	Communactive English	2-0-2	3	G	G	Mr.Arun S
	Language 1	1-0-2	2	F	J	Ms.Meera.S.R
12COM111	Accountancy	3-1-0	4	A	B	Ms.Durgalashmi.C.V
12ECO110	Managerial Economics	3-1-0	4	B	C	Ms.Pravitha .N.R
12MAT109	Fundamentals of Business mathamatics	3-1-0	4	C	A	Ms.Manjusha
12CSA129	PC Software	2-1-0	3	D	D	Mr.Vnod Kumar.K
12CSA195	PC Software Lab.	0-1-3	2	E	LAB	Mr.Vinod Kumar.K
12CUL101	Cultural Education 1	2-0-0	2	H	H	Br.Biju Kumar

S1 M.Com

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
12COM209	Business Correspondence	2-1-0	3	E	D	Mr.Arun.S
12COM403	Research Methodology	2-1-0	3	D	E	Ms.Jyothilashmi.H
12COM 411	Advanced Corporate Accounting	3-1-0	4	B	A	Mr.Manoharan.T.G
12ECO 202	Economic Analysis for Managers	2-1-0	3	C	B	Ms.Amritalashmi
12MAT 401	Quantitative Techniques and Operations research	2-1-0	3	G	C	Ms.Sathidevi
12CSA 491	Accounting Packages-Tally Lab	0-0-3	1	F	LAB	Ms.Ambily.R
12CSA 493	Office Automation Lab	0-0-3	1	A	LAB	Ms.Ambily.R
12CUL 201	Cultural Education	1-0-0	P/F	H		From CIR

TOTAL= 18

S3 M.Com

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
COM 422	Advanced Financial Management	3-1-0	4	D	A	Ms.Aarathy. K. Sudhakaran
COM 502	Security Analysis and Portfolio Management	2-1-0	3	C	C	Ms.Jayasree.S
COM 521	Project Appraisal and Financial Planning	2-1-0	3	B	D	Mr.Abymon.A
CSA 507	IT Services Management	2-1-0	3	G	E	Bri.Ruphiny
CSA509	Management Information Systems and Audit	2-1-0	3	F	B	Ms.Renjini .S.Nair
COM 554	Small Business and Entrepreneurship	2-1-0	3	A	L	Dr.Prema.D.R
COM 596	Mini Project		2	E	VIVA	Ms.Amritalashmi

TOTAL= 21

Department of Chemistry

S1 Int.M.Sc. Chemistry

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
12CHY113	General Chemistry I	3 1 0	4		A	Dr.Saritha.A

12MAT101	Mathematical Foundations	3 1 0	4		D	Ramya M.R
12PHY111	Mechanics	3 1 0	4		C	Seetharam
12PHY180	Physics Lab I	0 0 3	1			Dr.V.Rakesh &Mr.P.Sreedev
12CSA136	Introduction to Programming using C	3 0 0	3		B	Sumesh
12CSA186	Introduction to Programming using C Lab	0 0 3	1			Sumesh
12CUL101	Cultural Education I	2 0 0	2		H	Br.Prashant
12ENG101	Communicative English	2 0 2	3		G	Ms.Neelima
	Language - Paper I Sanskrit / Malayalam	1 0 2	2		J	Bri.Meera S.R

S3 Int.M.Sc. Chemistry

Code	Title	L-T-P	Cr	Time Table Slot	Exam slot	Name of Faculty
CHY211	Inorganic Chemistry I	3 1 0	4		A	Divya Mohan. R
CHY231	Physical Chemistry I	3 1 0	4		D	Dr.K.M.Sreedhar
MAT201	Basic Analysis and Matrices	3 1 0	4		B	Jishnu
MAT 202	Vectors and Ordinary differential equations	3 1 0	4		C	Pramod P Nair
PHY220	Basic electronics	3 1 0	4		F	Baby Sreeja SD
SSK101	Life Skills I	0 0 3	1		N	Parvathi Venugopal
CHY 281	Inorganic Qualitative Analysis Lab	0 0 3	1			Ms Sreedha Sambhudevan
SSK101	Life Skills I	0 0 3	1		N	
CHY 281	Inorganic Qualitative Analysis Lab	0 0 3	1			Ms Sreedha Sambhudevan

S1 MSc Chemistry

Course Code	Course Title	L - T - P	Cr	Time Table Slot	Exam Slot	Name of Faculty
12CHY412	Inorganic Chains, Ring and Clusters	2 1 0	3		A	Prof(Dr). M. Viswanathan
12CHY414	Solid state chemistry & material science	2 1 0	3		E	Ms. Sreedha Sambhudevan
12CHY420	Stereochemistry and Reaction Mechanism	2 1 0	3		B	Ms.Divya R Mohan
12CHY430	Group Theory and Quantum Chemistry	3 1 0	4		C	Dr. K.M. Sreedhar

12CHY440	Analytical Chemistry	2 1 0	3		D	Dr. Beena S.
12CHY480	InorganicSemimicro Qualitative Analysis Lab	0 0 6	2		-	Ms. Sreedha Sambhudevan
12CHY481	Inorganic Quantitative Analysis Lab	0 0 6	2		-	Prof(Dr). M. Viswanathan
12CUL201	Cultural Education	1 0 0	P/F		H	Sreekala

S3 MSc Chemistry

Code	Title		Cr	Time Tabel Slot	Exam Slot	Name of Faculty
CHY511	Bioinorganic and Oraganometallic Chemistry	2 1 0	3		A	Prof(Dr). M. Viswanathan
CHY520	Bioorganic,Heterocyclic and Photochemistry	2 1 0	3		B	Dr. Zeena S. Pillai
CHY530	Electrochemistry and Kinetics	2 1 0	3		C	Dr. K.M. Sreedhar
CHY501	Spectroscopic Identification of Molecules	1 1 0	2		D	Dr. Zeena S. Pillai
Electives						
CHY552	Polymer Science	3 0 0	3		L	Ms. Sreedha Sambhudevan
CHY562	Material Science and Nanochemistry	3 0 0	3		M	Dr. Saritha A.
CHY580	Lab 5 – Physical Chemistry Lab	0 0 06	2		-	Dr. Saritha A.
CHY581	Lab 6 – Instrumental Methods of Analysis	0 0 6	2		-	Dr. Beena S.

Department of English

S3 Int MA (English)

Cat	Code	Title	L-T-P	Cr	ES	TS	Name of Faculty
	12 ELL103	History of English Literature :The Pre Chaucerian to the Augustan	4-0-0	4	A		Dr P.V Ramanathan & Ms Neelima Devadasan
	12 ELL 113	English Poetry : The Elizabethan to the Augustan	4-0-0	4	B		Dr.K.K.Sujatha & Dr C Gopinathan Pillai
	12 ELL123	English Prose : The Elizabethan to the Victorian	4-0-0	4	C		Dr Beena S Nair & Dr M K Jyothi
	12 CSA103	Introduction to Computing	1-0-2	2	F		Mr Sumesh.K.J
	12 ENG 101	Communicative English	2-0-1	3	G		Ms Indu B
	12 CUL101	Cultural Education I	2-0-0	1	H		Bri Meera

SAN/MAL 103/101	Language I (Sanskrit / Malayalam)	1-0-2	2	J		Bri Meera/ Rajumadhavan

S3 Int MA (English)

Cat	Code	Title	L-T-P	Cr	ES	TS	Name of Faculty
	ELL 201	History of English Literature: Victorian to the Present	4-0-0	4	A		Dr P.V Ramanathan & Ms Anupama S S
	ELL221	Biography	4-0-0	4	C		Dr.M.K.Jyothi
	ENG201	Communicative English (Advanced)	2-0-4	4	F		Ms Neelima Devadasan
	ELL231	English Fiction: Victorian	4-0-0	4	D		Dr K K Sujatha
	ELL202	American Literature	4-0-0	4	B		Dr M.K. Jyothi
	SSK101	Life Skills I	0-0-3	1	N		Ms Parvathy.V

Department of Social Work

S1 MSW

Cat	Code	Title	L-T-P	Cr	ES	TS	Name of Faculty
	12SWK 401	Social change and social development	3 0 0	3	A		Mr. Rajeev MM
	12SWK 403	Guiding principles in Social Work Practice	3 0 0	3	B		Mr. Rajeev MM
	12SWK 405	Understanding Human Behaviour	3 0 0	3	C		Mr. Kochukrishna Kurup
	12SWK 411	ISWP I – Social Case Work	3 0 0	3	D		Dr. Renjith R. Pillai
	12SWK 413	ISWP II – Social Group Work	3 0 0	3	E		Mr. Ranjith K
	12CUL 201	Cultural Education	1 0 0	P/F	H		CIR Faculty
	12SWK 491	Concurrent Field Work I		3	-		Mr. Kochukrishna Kurup

S3 MSW

Cat	Code	Title	L-T-P	Cr	ES	TS	Name of Faculty
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	SWK 500	Indian Constitution, Democracy and Social Legislation	3 0 0	3	A		Mr. Kochukrishna Kurup
	SWK 501	Social Policy, Programmes and Welfare Administration	3 0 0	3	B		Mr. Kochukrishna Kurup
	SWK 510	Psychosocial Care, Approaches and Counselling	3 0 0	3	C		Dr. Renjith R. Pillai
	SWK 551	Rural and Tribal Community Development and Good Governance	3 0 0	3	L		Mr. Ranjith K
	SWK 552	Urban Community Development and Good Governance	3 0 0	3	M		Mr. Ranjith K
	SWK 561	Mental Health Knowledge for Social Work Practice	3 0 0	3	L		Dr. Renjith R. Pillai
	SWK 562	Social work Intervention in Mental health Setting	3 0 0	3	M		Dr. Renjith R. Pillai
	SWK 571	Hazards, Risks and Disasters	3 0 0	3	L		Mr. Rajeev MM
	SWK 572	Standards and Approaches in Disaster Relief and Recovery	3 0 0	3	M		Mr. Rajeev MM
	SWK 591	Concurrent Field Work III		3	-		Mr. Rajeev MM

