

S1 Int. MSc Mathematics with minor in Data Science

Cat	Code	Title	L-T-P	Cr	ES
	18MAT107	Single Variable Calculus	3 1 0	4	G
	18PHY105	Introduction to Mechanics	3 1 0	4	E
	18MAT108	Vectors and Geometry	3 1 0	4	H
	18ENG101	Communicative English	2 0 2	3	A
	18CSA102	Introduction to Programming 1	3 0 2	4	D
	18SAN101/18MAL	Sanskrit/ Malayalam	1 0 2	2	B
	18CUL101	Cultural Education 1	2 0 0	2	F
	18MAT181	Mathematics Lab 1	0 0 2	1	L1

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S3 Int. MSc Mathematics with minor in Data Science- 2018 Reg:

Cat	Code	Title	L-T-P	Cr	ES
	18MAT209	Linear Algebra 1	3 1 0	4	B
	18MAT210	Transforms & PDE	3 1 0	4	A
	18MAT207	Introduction to Probability and Statistics	3 1 0	4	D
	18CSA671	Data Structures & Algorithms	3 1 0	4	C
	18ENV300	Environmental Science and sustainability	3 0 0	3	H
	18MAT283	Computing using R (Lab 1)	0 0 2	1	L1
	18MAT284	Mathematics Lab 3	0 0 2	1	L2
	18AVP201	Amrita Value Programme 1	1 0 0	1	F
	18SSK201	Life Skills 1	1 0 2	2	G

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S5 Int M.Sc Mathematics/ Physics- 2017 Reg:

Cat	Code	Title	L-T-P	Cr	ES
	15MAT234	Numerical Methods	3 1 0	4	D
	16MAT326	Introduction to Real Analysis	3 1 0	4	B
	16PHY305	Intermediate Electrodynamics	3 1 0	4	C
	16PHY306	Relativity and Modern Physics	3 1 0	4	E
	16BUS306	Fundamentals of Management	2 0 0	2	A
	16MAT380	MATLAB	0 0 2	1	L1
	16PHY391	Physics Seminar	0 0 2	1	P1
	16MPJ390	Live in Lab.@ / Open Elective B*	3 0 0	3	J
	15OEL245	Green Marketing		3	j
	15OEL262	Micro Finance, Small Group Management and Cooperatives		3	j
	15OEL274	Understanding Travel and Tourism		3	j
	15OEL240	Film Theory		3	j
	15OEL248	Indian Writing in English		3	j
	15OEL250	Introduction to Ancient Indian Yogic and Vedic Wisdom		3	j
	15OEL273	The Message of Bhagwad Gita		3	j
	15SSK301	Life Skills III	1 0 2	2	G

Cap 5

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S7 Int M.Sc Mathematics - 2016 Reg:

Cat	Code	Title	L-T-P	Cr	ES
	15MAT501	Advanced Algebra	4 0 0	4	A
	15MAT502	Advanced Real Analysis	4 0 0	4	B
	15MAT504	Ordinary Differential Equations	4 0 0	4	D

	15MAT511	Advanced Complex Analysis	4 0 0	4	C
		*Elective I	3 0 0	3	E

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***Elective I - 15MAT637 Linear Algebra and its applications**

S1 M.Sc Mathematics- 2019

Cat	Code	Title	L-T-P	Cr	ES
	15MAT501	Advanced Algebra	4 0 0	4	A
	15MAT502	Advanced Real Analysis	4 0 0	4	B
	15MAT504	Ordinary Differential Equations	4 0 0	4	D
	15MAT511	Advanced Complex Analysis	4 0 0	4	C
		*Elective I	3 0 0	3	E
	15CUL501	Cultural Education	2 0 0	P/F	F

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***Elective I - 15MAT637 Linear Algebra and its applications**

S9 Int M.Sc Mathematics - 2015 Reg:

Cat	Code	Title	L-T-P	Cr	ES
	12MAT500	Differential Geometry	3 0 0	3	D
	12MAT512	Functional Analysis	4 0 0	4	B
	12MAT513	Theory of Partial Differential Equations	3 0 0	3	C
	12MAT520	Advanced Algebra	4 0 0	4	A
		*Elective I	3 0 0	3	L

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***Elective I - 12MAT554 Stochastic Process**

S3 M.Sc Mathematics - 2018 Reg:

Cat	Code	Title	L-T-P	Cr	ES
	15MAT605	Differential Geometry	4 0 0	4	D
	15MAT512	Functional analysis	4 0 0	4	B
	15MAT514	Partial Differential Equations	4 0 0	4	C
	15MAT501	Advanced Algebra	4 0 0	4	A
		*Elective III	3 0 0	3	L

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***Elective III - 15MAT652 Random Process**