HSME Courses – Monsoon 2019

Engineering Electives (Random Selection)

Code	Name	Max Limit
CSE464	Game Design and Engineering	60
CEG445	Technology Product Entrepreneurship	50
CEW613	Hydrological modelling and Software Development	30
CEG463	Eco-Informatics	30

Math Electives (Random selection)

Code	Name	Max Limit
IMA410	Advanced Mathematical Structures	50
CEA621	Finite Element Methods	50
IMA404	Number Theory and Cryptology	50
IMA411	Entropy and Information	50

Science Electives (Random selection)

Code	Name	Max Limit
SCI439	Quantum Mechanics Symmetry & Spectroscopy	10
SCI373	CNS Lab	10
SCI541	Advanced Biomolecular Architecture	100
SCI643	Biomolecular Structure Interaction & Dynamics **Prerequisites: ABA, GSC or equivalent**	20
SCI477	Machine Learning for Natural Sciences	10
SCI420	Design and Principles of Chemical and Biological Sensors	30
SCI440	Quantum Computing for Natural Sciences	40

Humanities Electives for UG3 and UG4 (Random selection)

Code	Name	Max Limit
HSS482	Digital Humanities Project	
HSS338	Understanding Raga: Semi Classical Forms of Indian Music	40
HSS343a	Introduction to History	40
HSS345a	Introduction to Shakespeare	40
HSS368	Introduction to Sociology	40
HSS316	Introduction to Philosophy	40
HSS351a	Intro to Psychology	40
HSS339	Introduction to Film Studies	40
HSS448	Critical Viewing and Reading	40
HSS465	Technology and Social Movements	40
CSE451	Social Science Perspective on HCI (**Selection by faculty**)	60