

Provisional APAM Courses (AP +AM + MSE) -- Fall 2020, Spring 2021, Summer A 2021
8/26/20

Fall 2020 APAM Courses

Course Number	Title	Term (Fall A/B)	Time	Modality
APPH E3200x	Mechanics: Fund & Apps	Fall	MW 10:10-11:25am	Online
APPH E4010x	Intro. Nuclear Sci	Fall	T 6:30-9:00pm	Online
APPH E4100x	Quant. Phys. Matter	Fall	TR 10:10-11:25am	Hyflex
APPH E4112x	Laser Physics	Fall	TR 11:40-12:55pm	Hyflex
APPH E4130x	Physics/Solar Energy	Fall	MW 1:10-2:25pm	Online
APPH E4300x	Applied Electrodynamics	Fall	MW 2:40-3:55pm	Online
APPH E4901x	Sem. Problems/AP	Fall	MW 11:40-12:55pm	Online
APPH E4903x	Sem. Problems/AP	Fall	MW 11:40-12:55pm	Online
APPH E6081x	Solid State Physics I	Fall	MW 1:10-2:25pm	Hyflex
APPH E6101x	Plasma Physics I	Fall	MW 1:10-2:25pm	In-person
ENGI E1102x	Art of Engineering	Fall	F 11:00-1:00pm	Online
CHAP E4120x	Statistical Mechanics	Fall	T 7:00-9:30pm	Online
ACPH E4080x	Soft Condensed Matter	Fall B	T 1:10-3:40pm	Hyflex
APPH E4330	Radiobiology for Med. Phys	Fall	R 6:30-9:00pm	Online
APPH E4600x	Funda/Dosimetry	Fall	W 4:10-6:40pm	Online
APPH E4710x	Rad Instrum/Meas Lab I (\$50 lab fee)	Fall	M 5:00-9:00pm	Online Lecture/In-person Lab
APPH E6333x	Radiation Therapy Pract	Fall	Varies	Hyflex
APPH E6336x	Adv Topics/ Rad Therapy	Fall	W 6:00-8:30pm	Hyflex
APPH E6340x	Diagnostic Radiology Pract	Fall	Varies	Hyflex
APPH E6365x	Nuclear Medicine Pract	Fall	Varies	Hyflex
APPH E6380x	Health Physics Pract	Fall	Varies	Hyflex
APBM E4650x	Anatomy/Phys&Engr	Fall	TR 4:00-5:20pm	Online
APMA E2000.001x	Multi. Calc. Eng&AppSci	Fall	TR 8:40-9:55am	Online
APMA E2000.002x	Multi. Calc. Eng&AppSci	Fall	TR 1:10-2:25pm	Online
APMA E2000.003x	Multi. Calc. Eng&AppSci	Fall	TR 5:40-6:55pm	Online
APMA E2101	Intro. to App. Math	Fall	TR 1:10-2:25pm	Online
APMA E3101x	Linear Algebra	Fall	TR 10:10-11:25am	Online
APMA E4001	Principles of App. Math	Fall	MW 1:10pm-2:25pm	Online
APMA E4200	Partial Diff. Eqs.	Fall	TR 1:10pm-2:25pm	Online
APMA E4204	Funct/Complex Var.	Fall	MW 10:10am-11:25am	Hyflex
APMA E4300	Intro. Num Meth	Fall	TR 2:40pm-3:55pm	Online
APMA E4302x	Methods in Comp. Sci.	Fall	TR 1:10pm-2:25pm	Hyflex
APMA E4901x	Sem. Problems/AM	Fall	W 11:40-12:55pm	Online
APMA E4903x	Sem. Problems/AM	Fall	MW 11:40-12:55pm	Online
APMA E4990.02	Special: Math of El Nino	Fall	TR 11:40am-12:55pm	Online
APMA E4990.03	Special: Dynamics of Waves	Fall	TR 10:10am-11:25am	Online
EESC GU4008	Intro. Atmospheric Science	Fall	Th 4:10-6:40pm	Online
MSAE 3010	Foundations of MSE	Fall	TR 10:10am-11:25pm	Online
MSAE E3012x	Lab in Materials Sci I	Fall	M 1:00-5:00pm	Online
MSAE E3111x	Thermo/Kinetic Theory	Fall	TR 2:40-3:55pm	Online
MSAE E3156x	Design Project	Fall	-	Online
MSAE E4100	Crystallography	Fall	TR 11:40-12:55pm	Online
MSAE E4102x	Synthesis/Process of Mat.	Fall	R 4:30-7pm	In-person
MSAE E4200	Theory/ Crystalline Mat.	Fall	TR 2:40-3:55pm	In-person
MSAE E4206x	E&M Prop of Solids	Fall	MW 11:40-12:55pm	Online
MSAE E9000y	MSE Colloquium	Fall	F 11:00-12:00	Hyflex
APPH E3900y	Undergraduate Research in Applied Physics	Fall		
APMA E3900y	Undergraduate Research in Applied Mathematics	Fall		
MSAE E3900y	Undergraduate Research in Materials Science	Fall		
APAM E6650y	Research Project	Fall		
MSAE E6273y	Materials Science Reports	Fall		
MSAE E9301y	Doctoral Research	Fall		
APAM E9301y	Doctoral Research	Fall		

Spring 2021 APAM Courses

Course Number	Title	Term	Time	Modality
APPH E3100y	Intro. to Quant Mech	Spring	MW 1:10-2:25	
APPH E3300y	App. Electromag	Spring	MW 10:10-11:25	
APPH E4018y	Applied Physics Lab	Spring	T 9:00-4:30	
APPH E4110y	Modern Optics	Spring	TR 11:40-12:55	
APPH E4990y	Sp. Quantum and Nonlinear Photonics	Spring	W 1:10-3:40	
APPH E6102y	Plasma Physics II	Spring	MW 1:10-2:25	
ENGI E1102y	Art of Engineering	Spring	F 11:00-1:00	
PHYS GU4003y	Advanced Mechanics	Spring	MW 11:40-12:55	
EESC GU4210y	Geophys. Fluid Dynam	Spring	R 4:10-6:40	
PHYS GR6082y	Solid State II/Condensed Matter I	Spring	MW 2:40-3:55	
MECE E4100y	Mechanics of Fluids	Spring	TBD	
APPH E4500y	Health Physics	Spring	M 5:00-7:00pm	
APPH E4530y	Medical Phys. Sem.	Spring	R 4:15-5:15	
APPH E6315y	Clin Nuclear Med Phys	Spring	T 7:00-9:30	
APPH E6330y	Diag Radiology Phys	Spring	W 5:30-8:20	
APPH E6335y	Radiation Therapy Phys	Spring	R 5:30-8:20	
APMA E2000.001y	Multi. Calc. Eng&AppSci	Spring	TR 8:40-9:55	
APMA E2000.002y	Multi. Calc. Eng&AppSci	Spring	TR 1:10-2:25	
APMA E2101y	Intro. to App. Math	Spring	TR 1:10-2:25	
APMA E4001	Principles of AM	Spring	TR 1:10-2:25	
APMA 4101	Intro Dyn Sys	Spring	TR 10:10-11:25	
APMA 4150	Applied Funct Analysis	Spring	MW 10:10-11:25	
APMA E4200	Partial Diff. Eqs.	Spring	TR 1:10pm-2:25pm	
APMA E4300	Intro to Num Meth	Spring	TR 10:10-11:25	
APMA E4301y	Numerical Meth/PDEs	Spring	MW 2:40-3:55	
APMA E4990y	Sp. Numerical Algebra and Optimization	Spring	MW 1:10-2:25	
APMA E4991y	Applied Stoc Analysis	Spring	MW 10:10-11:25	
APMA E6100y	AM Research Seminar	Spring	M 4:10-5:00	
APMA E9815y	Geophys Fld Dym Sem	Spring	MW 10:10-11:25	
MSAE E3013y	Lab in Materials Sci II	Spring	M 1:00-5:00	
MSAE E3157y	Design Project II	Spring	-	
MSAE E4201	Mtrs Thermo/Phase Diag	Spring	TR 11:40-12:55	
MSAE E4202	Kinetics/Transformation	Spring	W 4:10-6:40	
MSAE E4203y	Theory/Crystalline Mat	Spring	TR 2:40-3:55	
MSAE E4215	ME Behavior/Mat.	Spring	MW 11:40-12:55	
MSAE E4250y	Ceramics & Composites	Spring	T 1:10-3:40	
MSAE E4260	Electrochemical Mat.Dev	Spring	TR 7:00-8:15	
MSAE E6085y	Comp/Elec Struc Cpx Mat	Spring	TR 4:10-5:25	
MSAE E6251y	Thin Films/Layers	Spring	M 1:10-3:40	
MSAE E9000y	MSE Colloquium	Spring	F 11:00-12:00	
APMA E9810y	SEAS Colloquium in Climate Science	Spring	R 2:45-3:45	
APPH E3900y	Undergraduate Research in Applied Physics	Spring		
APMA E3900y	Undergraduate Research in Applied Mathematics	Spring		
MSAE E3900y	Undergraduate Research in Materials Science	Spring		
APAM E6650y	Research Project	Spring		
MSAE E6273y	Materials Science Reports	Spring		
MSAE E9301y	Doctoral Research	Spring		
APAM E9301y	Doctoral Research	Spring		

Summer 2021 Courses

Course Number	Title	Term	Time
MSAE E4301x	Materials Sci Laboratory	Summer A	Multiple
MSAE E6251y	Thin Films/Layers	Summer A	M 1:10-3:40
APMA 4990	Sp. Intro to Math for Data Sci	Summer A	TR 1:10-2:25pm