	Course	Academic Year 2024-25	
		Fall	**Spring**
C o m p u l s o r y	MEM100 Analytic Geometry and Complex Numbers	**Tertikas**	
	MEM101 Calculus I	**Brazitikos**	
	MEM112 Introduction to Linear Algebra	**Manoussaki**	
	MEM103 Foundations of Mathematics		**Garefalakis**
	MEM104 Computer Programming I	**Katsaounis (Kalopsikakis)**	
	MEM105 Calculus II		**Filippas**
	MEM106 Linera Algebra I		**Efremidis**
	MEM107 Computer Programming II		**Plexousakis (Kalopsikakis)**
	MEM108 Calculus III	**Fournodavlos**	
	MEM109 Physics I	**Rosakis**	
	MEM211 Analysis I	**Mitsis**	
	MEM212 Analysis II		**Frantzikinakis**
	MEM221 Algebra I	**Lydakis**	
	MEM222 Algebra II		**Kouvidakis**
	MEM251 Numerical Analysis		**Chatzipantelides**
	MEM261 Probabilities		**Arampatzis**
	MEM271 Differential Equations		**Tersenov**
C o r e C o u r s e s	MEM213 Complex Analysis	**Costakis**	
	MEM214 Real Analysis	**Papadimitrakis**	
	MEM215 Functional Analysis		**Mitsis**
	MEM216 Several Variables	**Costakis**	
	MEM217 Harmonic Analysis		**Papadimitrakis**
	MEM223 Linear Algebra II	**Tzanaki**	
	MEM224 Group Theory	**Sklinos**	
	MEM226 Rings and Modules	**Tzanakis**	
	MEM227 Fields		**Kouvidakis**
	MEM231 Differential Geometry		**Kamvissis**
	MEM232 Topology	**Athanassopoulos**	
	MEM233 Geometry		**Athanassopoulos**
	MEM241 Discrete Mathematics		**Tzanaki**
	MEM242 Set Theory		**Lydakis**
	MEM243 Logic	**Sklinos**	
	MEM252 Numerical Solutions of ODEs	**Zouraris**	
	MEM262 Parametric Statistics	**Triantafyllou**	
	MEM264 Applied Statistics		**Triantafyllou**
	MEM273 Partial Differential Equations		**Fournodavlos**
	MEM274 Methods of Applied Mathematics	**Komineas**	
	MEM276 Calculus of Variation		**Makrakis**
	MEM280 Physics II		**Komineas**
	MEM282 Mathematical Modeling	**Harmandaris**	
	MEM291 Design and Analysis of Algorithms	**Plexousakis**	

Category	Course	Instructor	Instructor
Advanced	MEM253 Numerical Solution of PDEs		**Makridakis**
	MEM255 Approximation Theory		**Zouraris**
	MEM263 Stochastic Processes		**Makrakis**
	MEM272 Ordinary Differential Equations	**Tersenov**	
	MEM281 Theory of Fluids	**Makrakis**	
	MEM287 Theory of Materials		**Rosakis**
	MEM289 Mathematical Biology		**Manoussaki**
Elective	MEM203 Didactics of Eucliedean Geometry		**Kourouniotis**
	MEM204 Number Theory		**Silligardos**
	MEM207 Didactics of Analysis in Secondary Education		**Mali**
	MEM 278 Dynamic Meteorology	**Kossioris**	
	MEM321 Didactics of Mathematics	**Mali**	
	MEM341 Economic Theory I		
	MEM342 Economic Theory II		
	MEM343 Enterpeneurship and Innovation		
Topics	Topics in Numerical Analysis: Numerical methods for Optimization	**Chatzipantelides**	
	Topics in Probabilities and Statistics: Machine Learning		**Katsaounis**
	Topics in Analysis: Convex Geometry		**Brazitikos**
	Topics in Differential Equations	**Karali**	
SERVICE	Mathematics I (Chemistry)	**Kamvissis**	
	Mathematics II (Chemistry)		**Katsaounis**
	Linear Algebra (MSc Bioinformatics)	**Garefalakis**	
	Math Biology (Medical School)		**Manoussaki**
	Algebra I		**Kouvidakis**
	Elliptic Curves	**Antoniadis**	
	Reimann Geometry	**Athanassopoulos**	
	Combinatorics		**Tzanaki**
	Coding Theory		**Garefalakis**
	Real Analysis	**Frantzikinakis**	
	Complex Analysis		**Costakis**
	Functional Analysis		**Papadimitrakis**
	Algebraic Topology - Homology	**Dais**	
	Algebraic Topology - Homotopy		**Athanassopoulos**
	Manifolds	**Platis**	
	Δ10 Partial Differential Equations	**Filippas**	
	Probabilities		**Papadopoulou**
	Numerical Analysis	**Zouraris**	
	Αριθμητική Λύση Διαφορικών Εξισώσεων		
	Weak solutions of Partial Differential Equations		**Kamvissis**
	Theory of Fluids	**Efremidis**	
	Introduction to Data Science		
	Theory of Materials		**Rosakis**
	Machine learning methods for systems' modeling		**Harmandaris**
	Micromagnetism		**Komineas**
	Bayesian Analysis	**Arampatzis**	
	Statistical Machine Learning		**Pantazis/Triantafyllou**
	Didactics of Mathematics I	**Mali**	