Kilis 7 Aralık University

Institute of Science

Department of Mathematics (Master's)

Courses for 2014-2016

	FALL SEMESTER	
Course Code	Course Name	ECTS
MAT501	TOPOLOGY I	6
MAT503	ALGEBRA I	6
MAT505	FUNCTIONAL ANALYSIS I	6
MAT507	REAL ANALYSIS I	6
MAT509	APPROACHING THEORY I	6
MAT511	NUMERICAL ANALYSIS I	6
MAT513	DIFFERENTIAL EQUATIONS	6
MAT514	PARTIAL DIFFERENTIAL EQUATIONS	6
MAT515	COMPLEX ANALYSIS	6
MAT519	NUMERICAL SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS I	6
MAT521	APPLIED FUNCTIONAL ANALYSIS	6
MAT522	SPECIAL FUNCTIONS THEORY	6
MAT531	VECTOR SPACES	6
MAT533	GROUP PRESENTING	6
MAT549	SAMPLING TECHNIQUES	6
MAT551	DIVERGENT SERIES	6
MAT553	FUZZY MEASURE THEORY I	6
MAT554	FUZZY MEASURE THEORY II	6
MAT555	MOVE GEOMETRY I	6
MAT571	CONVEX FUNCTIONS I	6
MAT572	CONVEX FUNCTIONS II	6
MAT573	COMPUTER-AIDED MATHEMATICAL CALCULATIONS I	6
MAT581	ADVANCED TOPOLOGY	6
MAT582	ADVANCED DIFFERENTIAL GEOMETRY	6
MAT583	LORENTZ GEOMETRY	6
MAT700	SEMINAR	6
MAT599	THESIS WORK	24
MAT801	SPECIAL TOPICS IN MATHEMATICS	24
	SPRING SEMESTER	
Course Code	Course Name	ECTS
BYL534	HEAVY METALS AND THE EFFECTS	6
MAT502	TOPOLOGY II	6

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MAT504	ALGEBRA II	6
MAT506	FUNCTIONAL ANALYSIS II	6
MAT508	REAL ANALYSIS II	6
MAT510	APPROCHING THEORY II	6
MAT512	NUMERICAL ANALYSIS II	6
MAT516	DİFFERENTIAL EQUATIONS II	6
MAT518	NUMERICAL SOLUTIONS ORDINARY DIFFERENTIAL EQUATIONS II	6
MAT520	NUMERICAL SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS II	6
MAT532	SEMI-GRUOP STRUCTURES AND PRESENTINGS	6
MAT540	MATRIX THEORY	6
MAT542	STATISTIC THEORY II	6
MAT544	LINEAR MODELS THEORY II	6
MAT546	NON-PARAMETRIC STATISTIC MODELS	6
MAT548	APPLIED LINEAR STATISTICAL MODELS	6
MAT552	DIVERGENT SERIES II	6
MAT574	COMPUTER-AIDED MATHEMATICAL CALCULATIONS II	6
MAT576	INTEGRAL INEQUALITIES	6
MAT578	CONTROL THEORY	6
MAT580	TOPOLOGICAL GRUOPS	6
MAT598	THESIS RESEARCH	24
MAT800	SPECIAL TOPICS IN MATHEMATICS	24

ECTS= European Credit Transfer System

*These courses are for Master's Degree and offered only in specified academic semester.

** PLEASE be aware that some classes may be cancelled or offered as individual study if there are not enough students registered for them.

*** For detailed information, please contact mevlana@kilis.edu.tr