

TOTAL COURSE-PROGRAMME OUTCOMES RELATIONSHIP

					Programme Outcomes														
Code	Course Name	T	P	ECTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1st Year - 1st Semester																			
	Scientific Research Methods	2	0	6	5	0	0	0	4	0	3	4	3	5	0	5	3	3	3
	Special Topics I	5	0	10	5	0	0	0	0	3	4	0	5	5	0	5	0	5	3
	Thesis Research	0	1	20	5	3	3	3	4	3	4	4	5	5	5	5	4	5	5
	Seminar*	0	2	6	0	0	3	5	0	0	0	0	0	0	5	0	0	0	0
	Basic Concepts and Teaching in Mathematics Education	3	0	8	5	0	5	0	0	2	1	3	0	1	0	1	4	3	5
	Proof in Mathematics Education	3	0	8	5	0	5	0	0	2	1	3	0	1	0	1	4	3	5
	Metacognition in Mathematics Education	3	0	8	5	4	4	5	3	0	0	4	5	4	4	0	0	5	0
	Analysis of Mathematics Teaching Programs	3	0	8	0	0	4	4	5	5	5	4	0	0	5	5	0	0	5
	Scientific Research Process	3	0	8	4	3	3	2	4	0	3	4	3	5	0	5	4	2	3
	Current Learning and Teaching Approaches	3	0	8	5	4	3	1	0	1	3	4	5	5	2	5	5	4	3
	Mathematical Modeling Approaches and Applications	3	0	8	5	5	4	4	3	3	2	3	1	0	3	5	4	4	3
	Pedagogical Content Knowledge and Teacher Education Studies	3	0	8	5	5	4	3	4	3	2	4	1	0	0	5	4	4	4
	Problem-Solving Skills In Education	3	0	8	5	4	3	5	2	3	3	3	2	5	5	5	5	5	5
	Active Learning Applications in Mathematics	3	0	8	5	3	3	1	2	3	3	3	2	5	5	5	5	5	5
1st Year – 2nd Semester																			
	Seminar	0	2	6	5	0	0	0	5	3	5	4	5	5	0	5	0	5	0
	Special Topics Ii	5	0	10	5	0	0	0	0	3	4	0	5	5	0	5	0	5	3
	Thesis Research	0	1	20	5	3	3	3	4	3	4	4	5	5	5	5	4	5	5
	Discourse in Mathematics Teaching: Feedback	3	0	8	5	0	5	0	0	2	1	3	0	1	0	1	4	4	5
	Play and Drama in Mathematics Teaching	3	0	8	5	0	5	0	0	2	1	3	0	1	0	1	4	3	5
	Mathematical Power: Development and Assessment	3	0	8	5	5	5	5	0	4	5	5	0	5	5	5	4	0	5
	Learning Environment Design	3	0	8	5	4	0	0	5	5	4	5	4	0	5	4	0	5	5
	Basic Mathematical Skills	3	0	8	5	5	3	5	2	3	3	3	2	5	2	5	5	4	5
	New Approaches in Measurement and Assessment	3	0	8	5	3	3	0	2	2	3	3	1	5	5	5	5	5	3
	Information Communication Technologies in Mathematics Education	3	0	8	5	5	4	4	3	3	2	2	1	0	5	5	4	3	4
	STEM Theory and Applications	3	0	8	5	5	4	4	3	5	2	4	1	0	3	5	4	4	4
	Current Studies In Mathematics Education	3	0	8	5	4	3	5	2	3	3	3	2	5	5	5	5	5	5
	Current Studies In Mathematics Education	3	0	8	5	3	3	1	2	3	3	3	2	5	5	5	5	5	5

Level of Contribution: 0 -None, 1 -Lowest, 2 -Low, 3 -Average, 4 -High, 5 -Highest