

## Mathematics Education Ph.D. Program

In order to complete the Ph.D. Program in Mathematics Education, a total of 21 credits must be completed successfully and at least 7 courses and a seminar course must be completed, 1 of which are compulsory, 6 are electives courses. If a course is not taken in the ethics category during the Master program, at least one of the elective courses must be in the MSE (460) coded and ethical category. In addition to these courses, it is also necessary to be successful in the Doctoral Degree Proficiency Exam, Thesis Proposal Defense and Thesis Study.

In cases where the Ph.D. admission committee considers that it is necessary, students who received the master's degree in an area outside the program will be required to successfully complete the recommended courses for the scientific preparation. Information about the codes and credits of the program courses are presented in the table below.

### Program

<i>Code</i>	<i>Course Name</i>	<i>Credit</i>	<i>ECTS</i>
MSE 0611	THEORETICAL PERSPECTIVES IN MATHEMATICS EDUCATION	3(3-0)	8.0
	6 ELECTIVES*		
MSE 0699	PH.D. SEMINAR	NC	10.0
MSE 600	PH.D. THESIS	NC	130.0

**\*If a course is not taken in the ethics category during the Master program, at least one of the elective courses must be in the MSE (460) coded and ethical category.**