

TABLE 2: COURSE DISTRIBUTION PER SEMESTER – PhD in Mathematics (Pure, Applied Mathematics)

PhD in Mathematics – Pure Mathematics								
A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
A' Semester								
1.	C	Research Stage I	MAS701	0	0	0	0	30
2.		Master's recognition		0	0	0	0	0-60*
B' Semester								
1.	C	Research Stage II	MAS702	0	0	0	0	30
2.	CE	Choice of 2 from the following 3 areas Comprehensive examination in Analysis OR	MAS780	0	0	0	0	0

		Comprehensive examination in Algebra	MAS781	0	0	0	0	0
		OR						
		Comprehensive examination in Geometry	MAS782	0	0	0	0	0
C' Semester								
1.	C	Research Stage III	MAS703	0	0	0	0	30
D' Semester								
1.	C	Research Stage IV	MAS704	0	0	0	0	30
2.	C	Research Proposal	MAS774		0	0	0	0
E' Semester								
1.	C	Writing Stage I	MAS705	0	0	0	0	30
F' Semester								
1.	C	Writing Stage II	MAS706	0	0	0	0	30
2.	C	Defense of Dissertation	MAS775	0	0	0	0	0



Explanations:

C: Compulsory course for all students

CE: Constrained elective

*: Students who are master's degree holders can be exempted from compulsory and/or elective courses accordingly.

PhD in Mathematics – Pure Mathematics

Choice of 2 from the following 3 areas

- MAS780- Comprehensive examination in Analysis – 0 ECTS
- MAS781- Comprehensive examination in Algebra – 0 ECTS
- MAS782- Comprehensive examination in Geometry – 0 ECTS

PhD in Mathematics – Applied Mathematics								
A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total hours/ Academic semester	Number of ECTS
A' Semester								
1.	C	Research Stage I	MAS701	0	0	0	0	30
2.		Master's recognition		0	0	0	0	0-60*
B' Semester								
1	C	Research Stage II	MAS702	0	0	0	0	30
2.	C	Comprehensive examination in Analysis	MAS780	0	0	0	0	0
3	CE	Choice of 1 from the following 4 areas: Comprehensive examination in Applied Mathematics OR	MAS783	0	0	0	0	0



		Comprehensive examination in PDE's OR Comprehensive examination in Numerical Analysis OR Comprehensive examination in Numerical Solution of Ordinary Differential Equations	MAS784 MAS785 MAS786	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0
C' Semester								
2.	C	Research Stage III	MAS703	0	0	0	0	30
D' Semester								
2.	C	Research Stage IV	MAS704	0	0	0	0	30
2.	C	Research Proposal	MAS774		0	0	0	0
E' Semester								
2.	C	Writing Stage I	MAS705	0	0	0	0	30



F' Semester								
3.	C	Writing Stage II	MAS706	0	0	0	0	30
4.	C	Defense of Dissertation	MAS775	0	0	0	0	0

Explanations:

C: Compulsory course for all students

CE: Constrained elective

*: Students who are master's degree holders can be exempted from compulsory and/or elective courses accordingly.

PhD in Mathematics – Applied Mathematics

Comprehensive Examination (Compulsory)

- MAS780- Comprehensive examination in Analysis – 0 ECTS
- Choice of 1 from the following 4 areas:
 - MAS783- Comprehensive examination in Applied Mathematics – 0 ECTS
 - MAS784- Comprehensive examination in Partial Differential Equations – 0 ECTS
 - MAS785- Comprehensive examination in Numerical Analysis – 0 ECTS
 - MAS786- Comprehensive examination in Numerical Solution of Ordinary Differential Equations – 0 ECTS