



Mathematics and Applications

Type: **Master**

Speciality: **056101.09.7 - Mathematics**

Specialisation: **056101.09.7 - Mathematics and Applications**

Programme academic year: **2024/2025**

Mode of study: **Full time**

Language of study: **Հայերեն**

General educational component

Chair code	Name of educational module	Credits
0309	Տեղեկատվական տեխնոլոգիաները մասնագիտական ոլորտում	3
0112	Research Planning and Methods	3
1602	Անգլերեն-1	3
1604	Գերմաներեն-1	3
1705	Ռուսերեն-1	3
1608	Ֆրանսերեն-1	3
1602	Անգլերեն-2	3
1604	Գերմաներեն-2	3
1705	Ռուսերեն-2	3
1608	Ֆրանսերեն-2	3

Professional educational component

Chair code	Name of educational module	Credits
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0105	---	3
0104	Current Problems of Speciality	3
0112	Harmonic Analysis	6
0112	---	6
0104	Algorithmic Algebra	3
0112	Optimization	3
0112	Bases of Numerical Signal Processing	6
0112	---	6
0112	Functional Analysis	6
0105	Orthogonal Polynomials	3

Chair code	Name of educational module	Credits
0104	Applied Algebra	3
0105	Applied Statistics	3
0105	Random Point Processes	3
0112	Finite Elements Method	3
0112	Partial differential equations	6
0112	Spectral Theory	6
0105	Stochastic Analysis	6
0112	Applications of functional analysis in machine learning	6
0104	Theory of Linear Algebras	0
0105	Time Series	3

Other educational modules

Chair code	Name of educational module	Credits
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0104	Scientific Seminar	12
0112	Scientific Seminar	12
0104	Scientific Seminar	12
0104	Professional practica	6
0112	Scientific Seminar	12
0104	----	24

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