

Course / module map

"CS321. Parallel and Multithreaded Programming"

5 credits; academic hours in total: 180, including: 36 lectures, 36 labs., 108 self-sufficient.

Teacher Abramyan Mikhail Eduardovich

Department of Algebra and Discrete Mathematics

Course 4, semester 7

Program title: 02.03.02 "Theoretical Computer Science and Information Technologies"

No.	Assessment methods	Scoring Formative assessment	Scoring Interim assessment
	Topic 1. Introduction to parallel computing. MPI technology basics	27	
1.	Attending lectures	5	
2.	Laboratory work	22	
	Topic 2. Advanced MPI 1.1 features	26	
1.	Attending lectures	5	
2.	Laboratory work	21	
	Topic 3. OpenMP technology. Parallel algorithms in numerical methods	27	
1.	Attending lectures	6	
2.	Laboratory work	21	
3.	Final Test		20
	Total	80	20
	Bouns points		10

Teacher Abramyan M.E.