

Physics Department - Bar-Ilan University - 2026-2027						
MS.c - Physics						
Course number	Course name	Lecture	Exercise	Lab/Seminar	Semester A - points	Semester B - points
86-803	Advanced Quantum Mechanics	4	2		6	
86-821	Advanced Statistical Mechanics	4	2		6	
86-818/846	Methods of Mathematical Physics/ Advanced Experimental Techniques	2	2		4	
86-830	Advanced Seminar			2		2
86-9414	– Colloquium and Teaching Mandatory registration in 1st and 2nd yr			4	0	0
86-9	Colloquium in Area of Specialization – Register in 1st 2nd year &			4		
86-762	Master's Thesis				0	0
Mandatory courses (18 credits)					16	2
Elective courses (8 credits)					4	4
				Mandatory and elective courses	20	6
Total credits		26				

For your attention:

Every Master student is required to complete **26** credits of mandatory and elective physics courses over the two years of their degree studies.

With a written recommendation of your advisor and the Head of the department, students can register to courses from another department in the Faculty of Exact Sciences (Chemistry, Mathematics, Computer Science) or in the Faculty of Engineering and Life Sciences, which will be may counted toward the required elective credits.

Students who have already taken a mandatory course from the above courses as part of their undergraduate studies, will have to take another course from the list of postgraduate courses in order to reach a total of at least 26 credits.

In addition to the above, every student must take an exemption exam in English and basic courses in Judaism - details can be found in the student information booklet or on the university's website.