

Scheme of Studies (MS Physics)

Course Code	Course Name	CH	Course Semester	Course Type
Phys 5515	Mathematical Techniques in Physics	3	Semester-I	Compulsory
Phys 5516	Advanced Classical Mechanics	3	Semester-I	Compulsory
Phys 5318	Advanced Quantum Mechanics	3	Semester-I	Compulsory
Phys 5213	Topics in Electrodynamics	3	Semester-I	Compulsory
Phys 5416	Techniques in Statistical Physics	3	Semester-II	Compulsory
Phys	Elective-I	3	Semester-II	Elective
Phys	Elective-II	3	Semester-II	Elective
Phys	Elective-III	3	Semester-II	Elective
Phys 6000	Thesis	3	Semester-III	Research
Phys 6000	Thesis	3	Semester-IV	Research

• Elective courses will be offered from the already approved list as well as from the following list of new courses in view of availability of instructors and related resources.

• For elective courses, a student has to choose one of the following groups of specializations.

Groups:

1. Theoretical Physics
2. Experimental Physics
3. Computational Physics
4. Multidisciplinary Physics

• Students will be distributed evenly in the above groups.