

**ERASMUS MUNDUS JOINT MASTER DEGREE PROGRAMME
IN NUCLEAR PHYSICS
Padua, ITALY
Academic Year 2022/2023 - 2° SEMESTER**

Semester starting date: February 27th 2023

Semester ending date: June 16th 2023

Exam session: from June 19th to July 21st 2023

List of courses

3 to 4 courses among:

Course	CFU (1CFU=1ECTS)	Contacts
Radioactivity and nuclear measurements	6	Prof. Mazzocco marco.mazzocco@unipd.it
Nuclear astrophysics	6	Prof. Caciolli antonio.caciolli@unipd.it
Heavy ion reactions	6	Prof.ssa Montagnoli montagnoli@pd.infn.it
Accelerator Physics	6	Dr. Pisent andrea.pisent@unipd.it

1 to 2 courses among:

Course	CFU (1CFU=1ECTS)	Contacts
Astroparticle physics	6	Prof. D'Eramo francesco.deramo@unipd.it
Subnuclear physics	6	Prof.ssa Lucchesi donatella.lucchesi@unipd.it
Introduction to radiation detectors	6	Prof.Stroili roberto.stroili@unipd.it
Advanced physics laboratory	6	Prof.Mistura giampaolo.mistura@unipd.it

Timetable

	Monday	Tuesday	Wednesday	Thursday
8.30	Introduction to radiation detectors (Stroili R.) aula Voci	Introduction to radiation detectors (Stroili R.) aula Voci	Nuclear Astrophysics (Caciolli A., Marigo P.) aula P1C	
9.30	Introduction to radiation detectors (Stroili R.) aula Voci	Introduction to radiation detectors (Stroili R.) aula Voci	Nuclear Astrophysics (Caciolli A., Marigo P.) aula P1C	
10.30	Heavy ion reactions (Montagnoli G.) Aula P2B	Subnuclear Physics (Lucchesi D.) aula LUF2	Subnuclear Physics (Lucchesi D.) aula LUF2	
11.30	Heavy ion reactions (Montagnoli G.) Aula P2B	Subnuclear Physics (Lucchesi D.) aula LUF2	Subnuclear Physics (Lucchesi D.) aula LUF2	
12.30			Heavy ion reactions (Montagnoli G.) Aula P2B	Radioactivity and nuclear measurements (Mazzocco M.) aula P1C
13.30	Radioactivity and nuclear measurements (Mazzocco M.) aula P2B	Radioactivity and nuclear measurements (Mazzocco M.) aula Voci	Heavy ion reactions (Montagnoli G.) Aula P2B	Radioactivity and nuclear measurements (Mazzocco M.) aula P1C
14.30	Advanced Laboratory A (Mistura G.) Aula LUF2	Advanced Laboratory A (Mistura G.) Aula LUF2		Nuclear Astrophysics (Caciolli A.) aula P1C
	Astroparticle Physics (D'Eramo F.) aula P2B	Astroparticle Physics (D'Eramo F.) aula P2B		
15.30	Advanced Laboratory A (Mistura G.) Aula LUF2	Advanced Laboratory A (Mistura G.) Aula LUF2		Nuclear Astrophysics (Caciolli A.) aula P1C
	Astroparticle Physics (D'Eramo F.) aula P2B	Astroparticle Physics (D'Eramo F.) aula P2B		
16.30			Accelerator physics (Pisent A.) Aula Voci	Accelerator physics (Pisent A.) Aula P2B
17.30			Accelerator physics (Pisent A.) Aula Voci	Accelerator physics (Pisent A.) Aula P2B