EDUCATIONALOFFER

Training activity (In-depth disciplinary, thematic or curricular courses)	**Planned YES/NO)**	**No. Courses (when applicable)**	**With final assessment**	**HOURS**	**CFU (if applicable)**	**Minimum requirements of the individual training plan**		
						No. Courses	**Hours**	**CFU (if applicable)**
Ad hoc courses included in the training plan (minimum 8 hours of frontal teaching, also given by several professors)	YES	1	YES	120 yearly	NA	1	84/anno	NA
- Compulsory courses	YES	1	YES	120 yearly	NA	1	84/anno	NA
- Optional courses	No	NA	NA	NA	NA	NA	NA	NA
Courses offered by Degree programs (Laurea or LaureaMagistrale)	NO	NA	NA	NA	NA	NA	NA	NA
Courses organized by other PhD schools, Schools, Masters (national and international)	NO	NA	NA	NA	NA	NA	NA	NA

Notes:

The First Year of Research the student will do coursework and labwork. The curriculum will involve:

General research methods training. An introductory course is held every year at the Venetian Institute of Medicine (VIMM) by the Faculty members of all PhD Courses of the University of Padua and outside experts in scientific fields. The course is focused on 'How to do research" and covers applications of Chemistry and Physics to Medicine, Genetics, Molecular biology, Statistics, Ethics and Social Science aspects. Attendance at research workshops and seminars held by the Faculty members and PhD students or outside speakers, mostly focussed on the cardiovascular system and the regulation of blood pressure.
Advanced coursework in the laboratories. The PhD student has the chance to be educated at a variety of techniques and introduced to a wide array of inter-disciplinary and comprehensive cardiovascular disease programs. At the end of the 1st year the PhD student is expected to have acquired skills of organizing, structuring, and presenting research, Hence, he/she will be assigned to a specific research project in the field of Arterial Hypertension and Vascular biology under the strict supervision of an experienced tutor. Whether 1st year PhD student is upgraded to PhD status at the end of the first year of research will depend on his/her performance in the

curriculum.

Second and Third Years of Research:
Once upgraded to the 2nd year PhD student status, the student will concentrate on his/her PhD labwork to prepare his/her final dissertation. As research progresses, there will be opportunities to present work in progress at research workshops attended by Faculty members and research students. The PhD student will have also the opportunity to attend Journal Club and the Weekly Meetings given by outside speakers and Faculty members.

At the 2nd or the 3rd year the PhD student will spend at least 6 months abroad, at the CARIM or in another lab that could be of interest for the ongoing research. The normal deadline for submission of the dissertation will be the end of December in the third year of research. Within this time, an original work focussed on the assigned theme should have been completed and discussed in detail with the tutor. The defence will occur about 2 months after, at the presence of the Faculty members, including members from CARIM.

The offer refers to cycle36.

Cross-curricular training activities and soft skills (including the types defined by Article 4, paragraph 1 of Ministerial Decree 94 - Accreditation Regulation)	**Courses organized by the PhD School**	**Courses shared with other PhD Schools**	**HOURS**	**CFU (if applicable)**	**Minimum requirements of the individual training plan**		
					No. Courses	**HOURS**	**CFU (if applicable)**
Linguistics	NO	no	NA	NO	NA	NA	NA
ICT	1	no	2	NO	1	2	No
Research management, knowledge of research systems and financing programs	1	no	2	NO	1	2	No
IPR and IPR exploitation	1	no	2	NO	1	2	No
Other	YES	YES	40	NO	1	40	No

Other types of activities	**ForeseenYES/NO**
Seminars	YES
Summer / Winter school	YES
Conferences, internships	YES
Group activities / Journal club	YES
Other (participation in Scientific Meetings and Seminars organized within and outside DIMED	YES