## Compulsory training activities for students joining QA study track

Theme block	Institution offering training	Courses	Number of hours	Semester	ECTS points	Source of education program description
1. ECONOMICS	SDNS (Social Sciences Doctoral School of the University of Warsaw)	One to be chosen out of the following:  a) Advanced Microeconomics b) Advanced macroeconomics c) Advanced finance	20-30	I or II	2-3	Monitor UW Item 16 RESOLUTION NR 210 OF THE SENATE OF THE UNIVERSITY OF WARSAW of January 18, 2023 on the educational program in the Doctoral School of Social Sciences <a href="https://monitor.uw.edu.pl/Lists/Uchway/Attachments/6397/M.2023.16.U.210.pdf">https://monitor.uw.edu.pl/Lists/Uchway/Attachments/6397/M.2023.16.U.210.pdf</a> pages 11-12
2. QUANTITATIVE METHODS	SDNS (Social Sciences Doctoral School of the University of Warsaw)	One to be chosen out of the following:  a) Spatial data analysis  b) Time series and dynamic panels  c) Unit level data d) Other courses (upon approval by the QA track coordinator)	20	I or II	2	See Appendix 1 for methodological and methodical activities.
3. MATHEMATICS	SDNŚiP (Doctoral School of Exact and Natural	Monograph lecture made available to doctoral students by the Faculty of Mathematics,	15	I lub II	2	Monitor UW Item 16 RESOLUTION NO. 210 OF THE SENATE OF THE UNIVERSITY OF WARSAW of January 18, 2023 on the educational program

	Sciences of the University of Warsaw)	Informatics and Mechanics of the University of Warsaw				in the Doctoral School of Exact and Natural Sciences <a href="https://monitor.uw.edu.pl/Lists/Uchway/Attachments/6398/M.2023.17.U.211.pdf">https://monitor.uw.edu.pl/Lists/Uchway/Attachments/6398/M.2023.17.U.211.pdf</a> <a href="pages 9-10">pages 9-10</a>
4. CLASSES CHOSEN TO MATCH THE PhD STUDENT'S RESEARCH TOPIC	A reputable foreign university (online participation acceptable)	Training chosen upon consultation with PhD supervisors and QA track coordinator	10-15	II, III or IV	Min. 2	