

RESEARCH QUALIFICATION for PhD students

BDS offers a special educational program for PhD students who entered the PhD track with only a one year MSc degree. BDS awards the BDS Research Qualification to PhD students who complete this special program. The requirements of the program are given below. The BDS Research Qualification is a condition for access to additional facilities provided by BDS: e.g. support on the job market in the final phase of the PhD period including an additional budget to participate in international job market activities. Students who have completed BDS's research master program and students who have completed another, comparable high-level research master's program (to be assessed by the Director of Graduate Studies) already fulfill BDS' educational requirement and have access to the same additional facilities as students with the BDS Research Qualification.

THREE EDUCATIONAL PATHS

Three educational paths lead to the BDS Research Qualification. The objective of offering four different paths is to give individual PhD students the opportunity to participate in a limited program of PhD courses that is tailor-made to their needs and educational background, while maintaining some of the key characteristics of the full-fledged research master program:

- have an understanding of the core of business data science by taking rigorous and common training in one or more of the core subjects,
- have a sufficiently deep understanding of one business field by choosing a field in which at least 4 field courses are taken.

One of the following paths (I-III) may be chosen, depending on the student's background and interest:

Path	Core requirements	EC	Field requirements	EC	Other	EC	Total EC
I	Econometrics (or Advanced Econometrics), Machine Learning I and II, Natural Language Processing, Deep Learning	20	4 field courses in field of choice	12	3 other field courses or 2 additional core courses	8-9	40-41
II	Machine Learning I and II, Natural Language Processing, Deep Learning	16	4 field courses in field of choice	12	4 other field courses or 3 additional core courses	12	40
III	4 core courses (one course can be replaced by a field course)	16	4 field courses in field of choice	12	4 other field courses or 3 additional core courses	12	40