

SPECIALIZATION: Data Analytics & Quantitative Analysis (DAQA)

LAST _____ FIRST _____
 EXPECTED GRADUATION _____ UNI _____
 SIGNATURE _____ DATE _____

Circle program:
MIA / MPA

The Data Analytics & Quantitative Analysis (DAQA) Specialization requires **9 points**, consisting of 1 required three-point course in Quantitative Analysis, and 2 courses from either focus area, Quantitative Analysis or Computational and Data Analysis. In addition to these specialization requirements, DAQA students are required to also: 1) complete [SIPA U6500](#) in their first semester at SIPA, and 2) take the [SIPA U6400](#) & [SIPA U6401](#) sequence of economics in the MIA and MPA core.

	Course Number	Course Title	Term	Year	Points
A)	One advanced course in Quantitative Analysis (SIPA U6501)				
B)	Two Professional Focus courses (two additional 3-point courses from either Quantitative Analysis or Computational Data Analysis)				

TOTAL _____

****Courses counted toward the DAQA Specialization cannot be audited or taken pass/fail**

Quantitative Analysis Courses

Quant III

INAF U6603	Data Analysis for Policy Research and Program Evaluation	3
INAF U6604	Applied Econometrics	3
INAF U6608	Economics of Education Policy	3
INAF U6616	Empirical Analysis of Energy Markets	3
INAF U6605	Impact Evaluation Methods and Applications to Health and Social Policy	3
SIPA U8500	Quantitative Methods in Program Evaluation and Policy Research	3

Other Courses

ECON GR5411	Econometrics I	3
POLS GU4712	Analysis of Political Data	4
POLS GU4790	Advanced Topics in Quantitative Research	4
POLS GR8768	Experimental Design and Analysis: Advanced Topics	4
INAF U6512	Data Driven Approaches for Campaigns and Advocacy	3
PEPM U6640	Macroeconomics	3
PUAF U6033	Decision Models & Management	3
BIST P6104	Statistical Computing with SAS	3
BIST P8120	Analysis of Categorical Data	3
SOSC P8785	Qualitative Research Methods	3

Computational and Data Analysis Courses

INAF U6006	Computing in Context	3
INAF U6506	Data Science & Public Policy	3
INAF U6514	Text as Data	3
APAN PS5160	Data Modeling	3
APAN PS5210	Python for Data Analysis	3

Note: Enrollment not guaranteed in courses offered at affiliate Columbia Schools. Please see Cross-Registration instructions. Many courses will require instructor permission.

Specialization Director Approval:

*** ONLY when submitting for graduation**

Date: _____
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