

This form is designed to be completed on your computer as a Word document. Because signatures are required on your Statement of Intent, please do not submit your proposal electronically.

Student ID : B20866680

Class : 2022

Name : Luiza Miranda Correa Eboli

Date Submitted :

ARE YOU A DOUBLE MAJOR? YES

IF YES LIST OTHER MAJOR : Economics

ARE YOU CHANGING TO A NEW MAJOR? NO

IF YES, LIST PREVIOUS MAJOR :

PROPOSAL FOR AN INDIVIDUAL MAJOR

When listing courses below, carefully observe the general requirements as stated in the catalog. Remember, at least 18 units must be elected outside any one department.

PROPOSED TITLE OF MAJOR: DATA SCIENCE WITH A CONCENTRATION IN BEHAVIORAL DATA ANALYSIS

MAJOR

COURSES PLANNED FOR MAJOR

All courses planned for major. Include courses fulfilling area of concentration and Grade III courses. Minimum 8 units above 100-level required. Indicate where the course was taken, if not at Wellesley.

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>SEMESTER/ YEAR</u>	<u>UNITS</u>
1. Econ 103	Introduction to Probability and Statistical Methods	Spring 2019	1
2. CS 111	Computer Programming and Problem Solving	Fall 2019	1
3. MATH 205	Multivariable Calculus	Fall 2018	1
4. COMS W3134 (Columbia)	Data Structures in Java - Columbia University	Summer 2020	0.77
5. MATH-312-921 (UPENN)	Linear Algebra - University of Pennsylvania	Summer 2020	1
6. STAT 260	Applied Data Analysis and Statistical Inference	Fall 2021	1
7. CS 304	Databases with Web Interfaces	Spring 2021- T3	1
8. CS 315	Data and Text Mining for the Web	Fall 2021	1
9. MATH 220	Probability	Fall 2020- T1	1
10. 15.390	New Enterprises	Fall 2019	1
11. 15.399	Entrepreneurship Lab	Spring 2020	1
12. ECON 324	Behavioral Economics	Spring 2021- T4	1

COURSES FULFILLING AREA OF CONCENTRATION

A minimum of 4 units of coursework must be in one department above the Grade I level.

GRADE III COURSES

A minimum of 2 units of coursework is required for the major.

COURSE NUMBER

1. MATH 205
2. MATH-312-921
(UPENN)
3. MATH 220
4. STAT 260

COURSE NUMBER

1. CS 304
2. CS 315
3. ECON 324

COURSES OUTSIDE OF WELLESLEY

List by name of Program or School.

1. University of Pennsylvania
2. Columbia University

3. MIT

JUNIOR AND SENIOR YEAR COURSEWORK

Please list the courses you plan to elect or have completed for your junior and senior years. (Majors only)

Junior Year

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>SEMESTER/ YEAR</u>	<u>UNITS</u>
1. MATH 220	Probability	Fall 2020- T1	1
2. CS 304	Databases with Web Interfaces	Spring 2021-T3	1
3 ECON 324	Behavioral Economics	Spring 2021-T4	1
4. ECON 320	Economic Development	Fall 2020 2021-T2	1
5. ECON 323	Finance Theory and Applications	Fall 2020 2021-T2	1
6. 15. 401	Managerial Finance	Spring 2021	0.75
7. ECON 222	Games of Strategy	Spring 2021-T4	1

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Senior Year

<u>COURSE NUMBER</u>	<u>TITLE</u>	<u>SEMESTER/ YEAR</u>	<u>UNITS</u>
1. STAT 260	Applied Data Analysis and Statistical Inference	Fall 2021	1
2. CS 315	Data and Text Mining for the Web	Fall 2021	1
5.			
6.			
7.			
8.			
9.			
10.			

ADVISORS

Advisors name and
department:

Cassandra Pattanayak - MATH/STATS Department
Daniel Sichel - Economics

GRADE REPORT

Please include a grade report or online unofficial transcript.

STATEMENT OF INTENT

On a separate sheet, please describe your reasons for designing an individual major.
In particular indicate how your course selections achieve your goals more effectively than an established major.

The statement of intent must be signed by both of your advisors, indicating their support for your proposal.

STATEMENT OF SUPPORT FROM ADVISORS

Both advisors should write a statement as to why the student's plan of study cannot be accomplished within an existing major.