

History + Data Science Major Checklist



Gen Eds

- ☐ Composition I
- ☐ Advanced Composition (HIST 498)
- ☐ Quantitative Reasoning I (STAT 107)
- ☐ Quantitative Reasoning II (Calculus)

- ☐ 4th level of one language
- OR**
- ☐ 3rd level of two languages

Cultural Studies

- ☐ Western ☐ US Minorities
- ☐ Non-Western

Humanities & Arts (6 hrs)

- ☐ _____
- ☐ _____

Social & Behavioral Sciences (6 hrs)

- ☐ _____
- ☐ _____

Natural Sciences & Technology (6 hrs)

- ☐ _____
- ☐ _____

History Core (33 hrs) + R/D Experience (3 hrs)

Preliminary Coursework (4-6 hrs)

Two 100-level history courses.

- ☐ _____
- ☐ _____

Core Coursework (6 hrs)



- ☐ HIST 200: Intro to Historical Interpretation
- ☐ HIST 498: Research and Writing Seminar
(*Advanced Comp Gen Ed*)

Area Distribution, 200-400 level (18 hrs)

Two courses in African, Asia, Global, Latin American, or Middle Eastern History. One must be 300 level or above.

- ☐ _____
- ☐ _____

Two courses in U.S. History (one US minority focus).
One must be 300-level or above.

- ☐ _____
- ☐ _____

Two courses in European History.
One must be 300-level or above.

- ☐ _____
- ☐ _____

Elective History (3 hrs)

1 course of elective history
coursework, 200-level or above.

- ☐ _____

Research or Discovery Experience (3 hrs)

Choose one:

- ☐ HIST 399: Independent Study

OR

- ☐ HIST 493: Honors Senior Thesis



At least one course must focus on
history pre-1600 and a second course
on history pre-1800.



Cultural studies + historical
perspectives Gen Eds are almost
always fulfilled by history
coursework.



HIST 200 and 498 can fit into area
distribution requirements.

History + Data Science Major Checklist



Data Science Core (29-39 hrs)

Mathematical Foundations (7-8 hours)

Choose one (Calculus): (*QRI/QRII Gen Ed*)

☐ MATH 220: Calculus

OR

☐ MATH 221: Calculus I

OR

☐ MATH 234: Calculus for Business I

Choose one (Linear Algebra):

☐ MATH 227: Linear Algebra
for Data Science

OR

☐ MATH 257: Linear Algebra with
Computational Applications

Data Science Fundamentals (12 hours)

☐ STAT 107: Data Science Discovery
(*QRI Gen Ed*)

☐ STAT 207: Data Science Exploration

☐ CS 307: Modeling and Learning in
Data Science

Social Impact in Data Science (6 hours)

☐ IS 467: Ethics and Policy for
Data Science

☐ IS 477: Data Management,
Curation & Reproducibility

Computational Fundamentals (4 hours)

☐

CS 277: Algorithms and Data
Structures for Data Science

Overview

☐ 15 history advanced hours (not including Research and Discovery experience). 12 completed in required coursework, three additional selected in consultation with academic advisor.

☐ 40 advanced hours total

☐ 120 hours total for degree

Academic Advisors

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