Students must also complete the Undergraduate Registration Requirement ([https://catalogs.northwestern.edu/undergraduate/requirements-policies/undergraduate-registration-requirement/](https://catalogs.northwestern.edu/undergraduate/requirements-policies/undergraduate-registration-requirement/)) and the degree requirements of their home school.

### Second Major in Mathematics for MMSS Majors

A student who has completed all of the requirements for an adjunct major in Mathematical Methods in the Social Sciences (MMSS) ([https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/](https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/)) but not a major in a social science must satisfy the ordinary requirements for the mathematics major ([https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematics/mathematics-major/](https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematics/mathematics-major/)) to earn an additional major in mathematics. Students may not count any 300 level mathematics course toward both the MMSS adjunct major and the mathematics major.

### Third Major in Mathematics for MMSS Majors

A student who has completed all of the requirements for an adjunct major in Mathematical Methods in the Social Sciences (MMSS) ([https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/](https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/)) and a major in a social science will satisfy the requirements for an additional major in mathematics by

- completing
  
  Course | Title
  --- | ---
  MATH 226-0 | Sequences and Series

- completing 1 of the following course sequences:
  
  Course | Title
  --- | ---
  MATH 320-1 | Real Analysis
  & MATH 320-2 | and Real Analysis
  & MATH 320-3 | and Real Analysis
  or MATH 321-1 | MENU: Real Analysis
  & MATH 321-2 | and MENU: Real Analysis
  & MATH 321-3 | and MENU: Real Analysis

- and completing 3 of the following courses:
  
  Course | Title
  --- | ---
  MATH 300-0 | Foundations of Higher Mathematics
  or MATH 310-2 | Probability and Stochastic Processes
  or MATH 310-3 | Probability and Stochastic Processes
  or MATH 311-2 | MENU: Probability and Stochastic Processes
  or MATH 311-3 | MENU: Probability and Stochastic Processes
  or MATH 325-0 | Complex Analysis
  or MATH 330-1 | Abstract Algebra
  or MATH 330-2 | Abstract Algebra
  or MATH 330-3 | Abstract Algebra
  or MATH 331-1 | MENU: Abstract Algebra
  or MATH 331-2 | MENU: Abstract Algebra
  or MATH 331-3 | MENU: Abstract Algebra

Students may not count any 300 level mathematics course toward both the MMSS adjunct major and the mathematics major.


### Minor in Mathematics for MMSS Majors

A student who has completed all of the requirements for an adjunct major in Mathematical Methods in the Social Sciences (MMSS) ([https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/](https://catalogs.northwestern.edu/undergraduate/arts-sciences/mathematical-methods-social-sciences/)) will satisfy the requirements for a mathematics minor by

- completing
  
  Course | Title
  --- | ---
  MATH 226-0 | Sequences and Series

- and completing 1 of the following course sequences:
  
  Course | Title
  --- | ---
  MATH 320-1 | Real Analysis
  & MATH 320-2 | and Real Analysis
  & MATH 320-3 | and Real Analysis
  or MATH 321-1 | MENU: Real Analysis
  & MATH 321-2 | and MENU: Real Analysis
  & MATH 321-3 | and MENU: Real Analysis

Students may not count any 300 level mathematics course toward both the MMSS adjunct major and the mathematics minor.