CHECK SHEET FOR MATHEMATICS MAJOR/MINOR
LIBERAL ARTS (B.S.)

This information is subject to change. See the online catalog and DARS for updates.

Most liberal arts mathematics majors choose the B.S. degree, but a few (those interested in foreign languages), choose the B.A. For the distinction between these, see online catalog.

I. General Education (minimum 34 cr. hours)

GOAL ONE: Communicate effectively. (minimum 9 cr.)
___CW (Communication/Reading and Writing) (1 course)
   Select from: ENGL 100, ENGL 101.
___CS (Communication/Speaking and Listening) (1 course)
___CA (Advanced Communication) (1 course)
   Select from: ENGL 200, ENGL 201.

GOAL TWO: Demonstrate knowledge of past and present human endeavor. (minimum 12 cr.)
___SB (Social and Behavioral Sciences) (2 courses)
   Select from: ANTH 100, ECON 100, ECON 150, ESM 107, GEOG 120, HIST 100, HIST 101, HIST 102, HIST 201, HIST 333, HIST 336, INTS 200, MNGT 250, POLS 110, POLS 114, POLS/JOUR 220, POLS 245, POLS 260, PSYC 101, SOCI 100.
___HF (Humanities and Fine Arts) (2 courses)
   Select from: ART 100, ENGL105, ENGL 106, ENGL 107, ENGL 108, ENGL/WGST 215, ENGL 243, DANC 100, HUM 311, HUM 312, MUSI 100, MUS 234, PHIL 151, PHIL 201, PHIL 221, PHIL 240, PHIL/ART 310, PHIL 323, PHIL 345, POLS 230, POLS/PHIL 318, THEA 105, DFT/FILM 200

Courses taken under both SB and HF designators must be from different disciplinary prefixes (e.g. for SB; HIST, POLS, SOCI and for HF; ART, MUSI, ENGL).

GOAL THREE: Apply scientific principles to the natural world. (minimum 9 cr.)
___M (Mathematics) (1 course)
   Select from: MATH 147, MATH 149, or WAIVER.
___SI (Scientific Inquiry) (2 courses)
   Select from: BIOL 100, BIOL 101, BIOL 103, BIOL 150, BIOL 160, CHEM 100, CHEM 101, CHEM 115, CHEM 120, CHEM 121, CHEM 130, FDSC 110, GEOG110, GEOL 101, GEOL 102, GEOL 115, PHYS 114, PHYS 117, PHYS 121, PHYS 131, PHYS 151, PHYS 161

Courses taken under the SI designations must be from different disciplinary prefixes (e.g. BIOL, CHEM).
GOAL FIVE: Evaluate individual responsibility to self, society, and the world. (minimum 4 cr.)

___ HW (Personal Health and Wellness) (1 course)
Select from: PE 108, HEAL 269

___ EC (Ethical Citizenship) (1 course)
Select from: ANSC 115, CRIM 130, CSIS 120, ENGL 205, ENGL 228, ENGL 230, ENGL 310, ENGL 313, ENGL 374, ESM 105, FINC 210, GEOL 269, JOUR 101, MNGT 250, PHIL 201, PHIL 220, PHIL 224, PHIL 304, PLSC 120, POLS 230, SOWK 150, TED 326, THEA 110

II. University Requirement (minimum 6 cr.)

___ ACD (American Cultural Diversity) (1 course)
Select from: ANTH/SOCI 225, COMS 213, DFT/FILM 248, ECON 312, ENGL 203, ENGL 208, ENGL 212, ENGL 228, THEA 230, ENGL/WGST 235, ENGL 252, ENGL/FILM 307, ENGL/WGST 443, ETHN 200, GEOG 237, HIST 206, HIST 207, JOUR 315, MNGT 330, MUS 255, POLS 212, PSYC 385, SOCI 220, TED 252, TED 325, WGST 200.

___ GP (Global Perspectives) (1 course)

III. Major (37 cr. hours) (* = requirement for minor, for the minor 18 total credit hours required)

A. Required Courses (19 cr)
___ Math 166 (4 cr.)*
___ Math 167 (4 cr.)*
___ Math 236 (4 cr.)*
___ Math 256 (3 cr.)*
___ Math 266 (3 cr.)*
___ Math 485 (1 cr.)

B. Directed Electives (18 cr) (6 credit hours required for the minor)

At least six courses numbered above 300, excluding Math 305 and Math 436.

C. Required Supporting Courses (3 cr hrs)
___ Math 205(3)* or CPTS 162(3) or PHYS 211(3)

IV. Optional Minor (21-24 cr. hours)
Consult appropriate department.

VI. Electives - to achieve a total of 120 credits

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