The Mathematic Major from Fall 2006 onwards

The Traditional Track:

MATH 121  Calculus I (formerly SMTH 111)
MATH 122  Calculus II (formerly SMTH 112)
MATH 223  Calculus III
MATH 224  Calculus IV
MATH 237  Discrete Structures (formerly SMTH 217)
MATH 262  Linear Algebra (formerly SMTH 231)
MATH 305  Differential Equations (formerly SMTH 220)
MATH 416  Introduction to Analysis (formerly SMTH 311)
MATH 432  Abstract Algebra (formerly SMTH 332)

THREE Electives, two of which must be at the 300 level or above, from the following:

- MATH 245  Numerical Analysis (formerly SMTH 265)
- MATH 253  Probability (formerly SMTH 251)
- MATH 282  Number Theory (formerly SMTH 223)
- MATH 290  Topics
- MATH 321  Geometry (formerly SMTH 341)
- MATH 353  Statistics (formerly SMTH 351)
- MATH 390  Advanced Topics (formerly SMTH 399)

The Teacher Education Track:

MATH 121  Calculus I (formerly SMTH 111)
MATH 122  Calculus II (formerly SMTH 112)
MATH 223  Calculus III
MATH 224  Calculus IV
MATH 237  Discrete Structures (formerly SMTH 217)
MATH 253  Probability (formerly SMTH 251)
MATH 262  Linear Algebra (formerly SMTH 231)
MATH 282  Number Theory (formerly SMTH 223)
MATH 321  Geometry (formerly SMTH 341)
MATH 353  Statistics (formerly SMTH 351)
MATH 416  Introduction to Analysis (formerly SMTH 311)
MATH 432  Abstract Algebra (formerly SMTH 332)
MATH 441  History of Mathematics
CMPS 147  Computer Science I
PHYS 114  Physics I with Calculus (lecture and lab)

Mathematics majors are encouraged to take more than the minimum requirements of the major and to study foreign languages.
Note
The following mathematics courses used to be listed by the registrar’s office for some time in the recent past with incorrect numbers. The mistakes have now been corrected:

MATH 223  Calculus III  (incorrectly listed as MATH 123)
MATH 224  Calculus IV  (incorrectly listed as MATH 124)
MATH 305  Differential Equations  (incorrectly listed as MATH 350)
MATH 282  Number Theory  (incorrectly listed as MATH 283)

The Mathematics Minor from Fall 2006 onwards

MATH 121  Calculus I
MATH 122  Calculus II
MATH 237  Discrete Structures (formerly SMTH 217)
MATH 262  Linear Algebra (formerly SMTH 231)
Mathematics Elective (200 level or above)