**Sequence Chart for NMT Mathematics (B.S. in Mathematics Degree)**

Effective Fall 2020 (total 123 Hrs)

**Semester 1**
- 15 hrs
  - Chem1215&L Chemistry I 4Hrs
  - Math1510&Lab Calculus I 4Hrs
  - Sci/Engr electives 4Hrs
  - Engl 1110 College Engl. 3Hrs

**Semester 2**
- 15 hrs
  - Chem1225&L Chemistry II 4Hrs
  - Math1520 Calculus II 4Hrs
  - Math2420 Intro Lin Alg 3Hrs
  - Engl 1120 College Engl. 3Hrs

**Semester 3**
- 15 hrs
  - Phys1310&Lab Physics I 5Hrs
  - Phys1320&Lab Physics II 5Hrs
  - Math 2532 Calculus III 4Hrs
  - Electives outside Math 3Hrs

**Semester 4**
- 17+ hrs
  - Math 335 Dif Eqns 3Hrs
  - Math 325 Part Dif Eq 3Hrs (F only!)
  - Math 336 Basic Concepts 3Hrs
  - Intro Comp. Science 3 or 4Hrs

**Semester 5**
- 16 hrs
  - Math 382&Lab Prob&Stat 4Hrs
  - Math 454 Lin Algebra 3Hrs (S only!)
  - Math 336 Part Dif Eq 3Hrs (F only!)
  - Math Elective 3Hrs

**Semester 6**
- 15 hrs
  - Math 336 Part Dif Eq 3Hrs (F only!)
  - Math Elective 3Hrs
  - Math Elective 3Hrs
  - Hum/SocSci/Fine Arts† 3Hrs

**Semester 7**
- 15 hrs
  - Math 382&Lab Prob&Stat 4Hrs
  - Math 454 Lin Algebra 3Hrs (S only!)
  - Math Elective 3Hrs
  - Math Elective 3Hrs
  - Electives outside Math 3Hrs

**Semester 8**
- 15 hrs
  - Math Elective 3Hrs
  - Math Elective 3Hrs
  - Electives outside Math 3Hrs

---

*Choice of electives must include an approved 18-hour sequence of electives outside mathematics. It is strongly recommended that electives choices include upper level science or engineering courses. Electives outside mathematics requirement may overlap with non-mathematics general degree and B.S. in Math requirements.

**Engl 341** can’t be taken until a student has junior standing (more than 60 hrs).

†Hum/SocSci/Fine Arts: Humanities or Social Science or Fine Arts