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

Effective Fall 2024 (total 123 Hrs)

---

**Semester 1**
- 15 hrs
- Chem1215&L: Chemistry I 4Hrs
- Math1510&Lab: Calculus I 4Hrs
- Engl 1110: College Eng. 3Hrs

**Semester 2**
- 15 hrs
- Chem1225&L: Chemistry II 4Hrs
- Math1520: Calculus II 4Hrs
- Engl 1120: College Eng. 3Hrs

**Semester 3**
- 15 hrs
- Phys1310&Lab: Physics 5Hrs
- Math1320&Lab: Physics II 5Hrs
- Math 2420: Intro Lin Alg 3Hrs
- Electives outside Math* 3Hrs

**Semester 4**
- 17+ hrs
- Phys1320&Lab: Physics II 5Hrs
- Math 2532: Calculus III 4Hrs
- Electives outside Math* 3Hrs
- Intro Comp. Science 3 or 4Hrs
- Electives outside Math* 3Hrs

**Semester 5**
- 16 hrs
- Math3082&Lab: Prob&Stat 4Hrs
- Math 3035: Dif Eqns 3Hrs
- Math 3072: Basic Analysis 3Hrs (F only!)
- Eng. 3041** Technical Writing 3Hrs

**Semester 6**
- 15 hrs
- Math4054: Lin Algebra 3Hrs (S only!)
- Math Elective 3Hrs
- Math Elective 3Hrs
- Hum/SocSci/Fine Arts† 3Hrs

**Semester 7**
- 15 hrs
- Math 4030: Math Modeling 3Hrs (F only!)
- Math Elective 3Hrs
- Hum/SocSci/Fine Arts† 3Hrs

**Semester 8**
- 15 hrs
- Math Elective 3Hrs
- Math Elective 3Hrs
- Hum/SocSci/Fine Arts† 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 3041** 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