### Freshman Year
- **MATH 240**
- **CHEM 100**
- **ENGR 120**
- **ENGL 101**

**Note:**
1. **ENGR 120** and **CHEM 100** do not count toward a mechanical engineering degree. Many students will take these courses.
2. Solid line are prerequisites, and dashed lines are corequisites.
3. Double line indicate GPA ≥ 2.0 required for Math 241 through MATH 244.
4. Triple lines indicated GPA ≥ 2.0 required for Math 241 through MATH 243.
5. MATH 240 and CHEM 100 do not count toward a mechanical engineering degree. Many students will take these courses.

### sophomore Year
- **MATH 241**
- **CHEM 101**
- **ENGR 121**
- **ENGL 102**

**Note:**
1. **ENGR 121** and **CHEM 101** do not count toward a mechanical engineering degree. Many students will take these courses.

### junior Year
- **MATH 242**
- **CHEM 102**
- **ENGR 122**
- **ENGL 303**

**Note:**
1. **ENGR 122** and **CHEM 102** do not count toward a mechanical engineering degree. Many students will take these courses.

### senior Year
- **MATH 243**
- **CHEM 103**
- **ENGR 123**
- **ENGL 303**

**Note:**
1. **ENGR 123** and **CHEM 103** do not count toward a mechanical engineering degree. Many students will take these courses.

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1. Transfer students or existing LT students who change majors who have earned more than 60 hours do not take COMM101. They should substitute COMM207 or 378 for COMM101.
2. Transfer students with more than 30 hours do not need to take FYE100.
3. One social science course must satisfy the international requirement (IER). HIST 102, GEOG 205, or GEOG 210 satisfy the IER. Additional courses are listed in the University Catalog.
4. A 400-level MEEN or MEMT course, or a technically-oriented senior elective course taught by an MEEN faculty member.
5. The humanity elective can be selected from Classical Studies, Communications, Foreign Languages, History, Literature, Philosophy, Religious Studies, and Interdisciplinary. Some potential courses offered in recent years include:
   - COMM 110, 201, 202, 203, 300, 303, 378, 417, 433, and 439 (communications)
   - Any foreign language 200 level or above
   - HIST 101, 102, 201, 202, 260, 380, 402, 414, 440, 466, 467, 475, 478, 480, and 486
   - ENGL 210, 211, and 212 (literature)
   - PHIL 201 and 205 (philosophy)

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**LOUISIANA TECH UNIVERSITY**

**Mechanical Engineering**

2019 Curriculum Flowsheet

Revised September 2018