This flowchart represents a ten semester path to graduation. If working during the academic year, expect to spend more than five years to graduate.

**FLOWCHART LEGEND**

- **FALL** = January
- **SPRING** = May
- **ME** MECHANICAL ENGINEERING
- **CATS** = Credit or registration required
- **GPA** = 2.0 LSU & ME GPA required
- **EP** = English Proficiency - "C" or better ENGL 1001/2000
- **FSM** = Semester(s) offered: F-Fall, S-Spring, M-Summer
- **S** = Credit required in ME 4433, 4183, 3752, and ME 3633.
- **C** = Grade of "C" or better required
- **#** = Credit or registration in MATH 1022, 1023 or 1550
- **+** = Credit required in ME 4433, 4183, 3752, and ME 3633.
- **A** = Requirements A & B are unrelated
- **B** = General Education - See 2018-2019 General Catalog

**MECHNICAL ENGINEERING 5 Year Degree Plan**

**2018-2019**

**TOTAL HOURS = 127-8**

with Minor 135

**FALL 1**

- (5) MATH 1550 Calculus I
- (4) MATH 1552 Calculus II

**SPRING 2**

- (4) MATH 2070 / 2090 Math Meth.
- (3) MATH 2057 Multi. Calc II

**FALL 3**

- (3) PHYS 2110 Part Mech
- (3) CE 2450 Statics

**SPRING 4**

- (3) PHYS 2113 Electromag
- (3) ME 3133 Dynamics

**FALL 5**

- (3) CHM 1201 BAS. CHEM I
- (3) ENGL 1001 Comp I

**SPRING 6**

- (3) CM 1020 Engr. Graph.
- (2) PHYS 2108 CHEM 1212

**FALL 7**

- (3) CM 2212 Intro ME Design
- (3) PHYS 2211 Thermodynamics

**SPRING 8**

- (3) ENGL 2000 Comp II
- (3) MATH 2334 Thermodynamics

**FALL 9**

- (2) SOCL SCI INTL 2000 or HNRS 2000
- (3) CMST 2000 Econ. Princ.

**SPRING 10**

- (2) HUMN PHIL 2018/2020/2050
- (2) Tech A Elect

**ME Minor 135 hrs**

Check Current General Catalog for Pre-requisites

**CATS #** See reverse side for more information

**ME**

**HOURS: 14**

13-14 14 14 14 14 12 12 10-13 10-13 = 127-8

**Patrick F Taylor Hall**

Mechanical & Industrial Engineering · mme.lsu.edu
Office 3261 Patrick F Taylor Hall · 225-578-5804

Rev. 2/26/18
CATS (2017-2018)

The Comprehensive Academic Tracking System (CATS) is designed to assist students in achieving academic success at LSU and to assess student progress toward degree completion. Students can review the recommended paths and critical requirements on-line in the LSU General Catalog (http://www.lsu.edu/catalogs/), on the respective degree program pages.

**BE CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: PHYS 2110 (C)

4th Semester: CE 2450 (C)

5th Semester: BE 2350

**CHE CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C), CHEM 1201 (C)

3rd Semester: PHYS 2110 (C)

4th Semester: 2.0 MAJOR GPA

5th Semester: 2.0 MAJOR GPA

**CE and EVEG CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: CHEM 1201

4th Semester: MATH 1552 (C)

5th Semester: PHYS 2110 (C)

**CM CATS REQUIREMENTS (Grade of C in each course):**

1st Semester: MATH 1550

2nd Semester: CM 1011, CM 1112

3rd Semester: PHYS 2001, CM 2112

4th Semester: CM, 2113, CM 2116, CM 2501, PHYS 2002

5th Semester: CM 3111, CM 3502

**EE CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: MATH 1552 (C)

4th Semester: EE 2120 (C)

5th Semester: EE 2130 (C)

**EEC CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: MATH 1552 (C), CHEM 1201, PHYS 2110 (C)

4th Semester: MATH 2090 (C), PHYS 2112 (C)

5th Semester: IE 3302 (C)

**CSC CATS REQUIREMENTS:**

1st Semester: MATH 1021

2nd Semester: ENGL 1001 (C)

3rd Semester: MATH 1550 (C)

4th Semester: CSC 2259 (C)

5th Semester: MATH 2090

**IE CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: MATH 1552 (C), CHEM 1201, PHYS 2110 (C)

4th Semester: MATH 2090 (C), PHYS 2112 (C)

5th Semester: IE 3302 (C)

**ME CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C)

3rd Semester: CHEM 1201

4th Semester: PHYS 2110 (C)

5th Semester: ME 2334

**PETE CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023

2nd Semester: MATH 1550 (C), GEOL 1001

3rd Semester: PHYS 2110 (C)

4th Semester: PETE 2031 (C), CE 2450 (C)

5th Semester: CE 2200

Note: (C) means a grade of “C”, in the “C” range (C+, C, C-) or better is required.

**Important Components of CATS:**

- Students must meet certain minimum requirements, or critical tracking criteria, within the recommended paths to demonstrate minimal progress towards degree completion.
  
  » Critical tracking criteria typically include both critical courses and minimum GPA requirements.
  
  » The critical courses appear in bold in the recommended paths.

- Students are tracked only during the fall and spring semesters, for the first 5 semesters. Summer terms and intersessions may be used to “catch up” and get back on track.

**Minimal Tracking Assessments:**

- Students are not making minimal progress if they do not meet one or more critical tracking criteria. The University notifies students via their myLSU email accounts if they are not making minimal progress. They are advised to see a counselor in their college to resolve any issues.

For questions, please contact a counselor in the College of Engineering, Student Services at (225)578-5731.