This flowchart represents an eight semester path to graduation. If working during the academic year, expect to spend more than four years to graduate.

**Flowchart Legend**

- **C**: Grade of "C" or better required
- **EP**: English Proficiency - "C" or better ENGL 1001/2000
- **FSM**: Semester(s) offered: F-Fall, S-Spring, M-Summer
- **GPA**: 2.0 LSU & ME GPA required
- **+**: Credit required in ME 4433, 4183, 3752, and ME 3633.
- **#**: Credit or registration in MATH 1022, 1023 or 1550
- **A**: Requirements A & B are unrelated
- **B**: Requirements A & B are unrelated
- **Connected Pre/Co-Req**: Connected Pre/Co-Req

**General Education** - See 2018-2019 General Catalog

**Mechanical & Industrial Engineering**

**Office 3261 Patrick F Taylor Hall · 225-578-5804**

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

**Rev. 2/6/18**
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.