TOTAL HOURS = 127-8

MECHANICAL ENGINEERING 5 Year Degree Plan
2018-2019

FALL 1               SPRING 2               FALL 3               SPRING 4               FALL 5               SPRING 6               FALL 7               SPRING 8               FALL 9               SPRING 10

CATS 1: MATH 1022/1023
MATH 1022 or CHEM 1212
PHYS 2110 or CHEM 1212

CATS 2
MATH 1550 Calculus I
MATH 1552 Calculus II

CATS 3
CHEM 1202 Bas. Chem II
ENGL 1001 Comp I
CM 1020 Engr. Graph.

CATS 4
PHYS 2113 Electromag

CATS 5
PHYS 2110 Part Mech
CE 2450 Statics

FSM (1) ME 2212 Intro ME Design
FSM (2) ME 2334 Thermodynamics
FSM (3) ME 2733 Material Sci
FSM (4) ME 2212 Intro ME Design

FSM (3) ME 2543 Sim. Methods
FSM (4) ME 2543 Sim. Methods
SM (3) ME 4133 Mach Dsgn I Kinematics
SM (3) ME 4133 Mach Dsgn I Components

FSM (3) ME 3133 Dynamics
FSM (3) ME 3133 Dynamics
FSM (5) ME 3133 Dynamics
FSM (5) ME 3133 Dynamics

FSM (2) ME 3834 Fluid Mech
F (2) ME 3834 Fluid Mech
FSM (4) ME 3834 Fluid Mech
FSM (4) ME 3834 Fluid Mech

FSM (1) ME 4621 Them Sci Lab
FS (1) ME 4621 Them Sci Lab
FSM (1) ME 4201 Mach Desg Lab
FSM (1) ME 4201 Mach Desg Lab

ENGL Proficiency

If working during the academic year, expect to spend more than five years to graduate.
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), EE 2740 (C)
4th Semester: EE 2120 (C)
5th Semester: EE 2130 (C)

**CSC CATS REQUIREMENTS:**

1st Semester: MATH 1021
2nd Semester: ENGL 1001 (C)
3rd Semester: MATH 1552 (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: CHEM 1201
4th Semester: PHYS 2110 (C)
5th Semester: IE 3302 (C)

**ME CATS REQUIREMENTS:**

1st Semester: MATH 1022 or 1023
2nd Semester: MATH 1550 (C)
3rd Semester: CHEM 1201, PHYS 2110 (C)
4th Semester: MATH 2090 (C), PHYS 2112 (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.