

Fall Courses — First Year	Cr
ENGL101 Composition I ^a	3
UACT100 Strategies for College Success ^a	1
CHEM111&(L) General Chemistry ^a	4
ENGR100 Engineering Portal	1
ENGR104 Math Applications to Engineering	2
MATH150 Calculus I ^a	4
Total Credits	15

- You should be exploring opportunities to participate in service initiatives.
- Have you joined Engineering Club, ASME or SWE?

Fall Courses — Second Year	Cr
PHYS152&(L) Calculus Based Physics II	4
ES211 Statics	3
ENGR200 Engineering Profession I	1
MATH350 Differential Equations	3
MATH260 Elementary Linear Algebra	3
ME210 ME Materials	3
Total Credits	17

- You should be exploring opportunities to volunteer and get involved in activities on campus including leadership roles.

Fall Courses — Third Year	Cr
Behavioral/Social Science Elective ^a	3
ME360 Mech. Systems Modeling & Analysis	3
ME331 Thermodynamics II	3
PHYS350&(L) Intro. to Electronics	4
ES250&(L) Fluid Mechanics	4
Total Credits	17

- Investigate potential summer internship opportunities.
- Start thinking about who you would like as a future reference.

Fall Courses — Fourth Year	Cr
ME340 Heat Transfer	3
ME401 ME Senior Design I	1
ME410 Mechanical Component Design	3
ME4xx ME Elective	3
ENGR400 FE Review	1
HIST1xx History Elective ^a	3
CIVX300 American Civics ^a	2
Total Credits	16

- Complete the Intent to Graduate form during your Academic Advising Meeting.
- Upload EPD report to Canvas – Engineering Resources course.
- Apply for full-time employment or graduate school.

Spring Courses — First Year	Cr
ENGL102 Composition II ^a	3
ENGR107 Engineering Graphics	2
ENGR108 Engineering Computer Skills	2
MATH250 Calculus II	4
PHYS151&(L) Calculus Based Physics 1 ^a	4
LNCN100 Lincoln's Life and Legacy ^a	1
Total Credits	16

- Seek shadowing and /or volunteer opportunities during the summer.
- Do you need to take a summer course?

Spring Courses — Second Year	Cr
COMM200 Fund. of Speech Communication ^a	3
ME330 Thermodynamics I	3
ES212 Solid Mechanics	3
ES214 Dynamics	3
MATH255 Calculus III	4
Total Credits	16

- Finalize summer plans : job, engineering internship, or summer class.

Spring Courses — Third Year	Cr
ME370&(L) Measurements & Instrumentation	4
ME310 Mechanics of Machinery	3
ENGR300&300X Engineering Profession II ^b	1
ENGR304 Engineering Economics	2
MATH270 or MATH370 Probability&Statistics	3
Ethics, FineArts, or Humanities Elective ^a	3
Total Credits	16

- Explore opportunities to conduct research if you plan to pursue graduate school.
- Identify and apply for summer internships or other opportunities

Spring Courses — Fourth Year	Cr
ME402&402Z ME Senior Design II ^b	3
ME450 ME Thermofluid Component Design	3
ME4xx ME Elective	3
HIST1xx History Elective ^a	3
Ethics, FineArts, or Humanities Elective ^a	3
Total Credits	15

- Participate in a research project. Explore opportunities to present research.
- Identify and apply for jobs.

a: LMU General Education Requirement: See LMU undergraduate catalog for details

b: Writing Requirement: ENGR300X and ME402Z fulfill the junior and senior writing requirement.

Engineering Professional Development (EPD) Requirement: The EPD requirement relates to the school's mission to develop job-ready engineers who prioritize the welfare of society. Fulfillment of the EPD is at the discretion of the Dean, Chair, or Program Director, and includes but is not limited to a professional enrichment activity, internship, or co-op. To fulfill this requirement, every student must submit a written report summarizing how their experience better prepares them for a career in engineering.

See LMU catalog for specific pre-requisite and grade requirements.

