

ENGINEERING (D.E.)

Degree: Doctor of Engineering

Major: Engineering

Concentration: Civil, Electrical, Industrial, Mechanical

Characteristics of the DE Program (https://www.lamar.edu/catalog-2019-2020/_files/documents/18-Characteristics-of-DE-Program-_FY2015-2016.pdf)

Degree Requirements

Code	Title	Hours
Required Courses		
CVEN 6301 or CVEN 6310	Special Topics Design Projects	3
CVEN 6332	Adv Geotech Engineering	3
CVEN 6333	Chem Principles Envrmt Systems	3
CVEN 6334	Sustainability: Life Cycle	3
CVEN 6336	Stormwater Mgmt & Design	3
CVEN 6345	Water Qual Modeling/Monitoring	3
CVEN 6387	Hydraulics of Env Systems	3
CVEN 6388	Computer Methds Engr Proj Mgmt	3
Proposal Defense		
CVEN 6320	Justification Engineering Proj	3
Professional Seminar		
CVEN 6110	Professional Seminar	1
CVEN 6110	Professional Seminar	1
CVEN 6110	Professional Seminar	1
CVEN 6110	Professional Seminar	1
Dissertation		
ENGR 6603	Engineering Dissertation I	6
ENGR 6604	Engineering Dissertation II	6
ENGR 6604	Engineering Dissertation II	6
ENGR 6604	Engineering Dissertation II	6
ENGR 6604	Engineering Dissertation II	6
Total Hours		61

- All College of Graduate Studies general Degree requirements must be met
- The student shall complete a residency of at least one year
- Completion of candidacy is a qualifying examination designed by the student's dissertation committee. The purposes of this examination are to test the ability of the student to comprehensively relate the subjects of the study program and to ascertain the student's qualifications to perform the field study. Students who pass the qualifying examination are admitted to candidacy. Students who fail to pass the qualifying exam are allowed to schedule a re-examination within six weeks after the first attempt. Failing to pass the qualifying exam for the second time will remove the student from the D.E. program.
- After the student is admitted to candidacy, a research proposal must be presented to the doctoral dissertation committee within six months after passing the qualifying examination. Upon committee

approval of the proposed engineering research through an oral defense, the research work is initiated

- The D.E. degree must be completed within 10 consecutive years of study
- Students who have not earned a masters degree in engineering are required to take at least 33 credit hours coursework
- Students who do not have a degree in Civil Engineering may be required to take additional leveling courses