

Lamar University Undergraduate Degree Requirements

Name of Degree: BS Mechanical Engineering	
All students must satisfy provisions of the Texas Success Initiative program, which are listed elsewhere in this catalog. Developmental courses do not count toward this degree plan.	
I. Special Requirements within the Philosophy of Knowledge Core Curriculum and Physical Activity:	Math 2413, 2414 (Calculus I & II). Chem1411 (Chemistry I), INEN 2373
2. Required Courses for major	PHYS 2425 Mechanics and Heat MATH 2415 Calculus and An. Geom. III PHYS 2426 Physics II CVEN 2301 Statics MEEN 2374 Thermodynamics I MATH 2318 Linear Algebra MATH 3301 Differential Equations MEEN 2302 Dynamics ELEN 2310 Fund. Elec. Engr CVEN 2372 Mechanics of Solids MEEN 3340 Engineering Analysis MEEN 3311 Fluid Mechanics MEEN 3380 Thermodynamics II INEN 3322 Process Engineering MEEN 3210 Measurements Lab MEEN 3310 Heat Transfer MEEN 3300 Design of Mechanisms MEEN 3320 Mechanical Design I MEEN 3350 CAE MEEN 4310 Integrated systems Design MEEN 4313 Thermal Systems Design MEEN 4319 Materials Science MEEN 4323 Mech. Design II MEEN electives 6 hours MEEN 4110 Seminar MEEN 4316 Engr. Design Project

	MEEN 4317 Dynamic Systems Analysis Math/Science elective (INEN 4320 or MATH 3370 or approved other choice)
3. Free Electives	None
4. Other requirements	None
5. Minor	Not required
TOTAL number of required hours:	133