

Lamar University Undergraduate Degree Requirements

Name of Degree: BS Chemical 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), CHEM 1411, 1412 (Chemistry I & II), INEN 2373
2. Required Courses for major	<p>INEN 1101 Intro to Engineering ELEN 1301 Intro to Computers PHYS 2425 Mechanics & Heat PHYS 2426 Physics II MATH 2318 Linear Algebra CVEN 2301 Statics CHEN 2374 Thermodynamics I CHEN 2100 Computer Aided Modeling CHEM 3401 Quantitative Analysis CHEN 3340 Process Analysis ELEN 2310 Fund Electrical Engr MATH 3301 Differential Equations CHEN 2140 Seminar CHEN 3330 Thermodynamics II CHEN 3311 Momentum Transfer CHEM 3411 Organic I</p> <p>MATH 3370 Theory of Statistical Inference CHEN 3320 Heat Transfer CHEN 4410 Reaction Kinetics CHEM 4312 Physical Chemistry II CHEM 3412 Organic Chemistry II CHEN 4331 Process Control I CHEN 4420 Mass Transfer CHEN 4310 Unit Operations Lab CHEN 4360 Plant Design I CHEN 4332 Process Control II CHEN 4150 Process Control Lab CHEN 4340 Plant Design II CHEN 4350 Advanced Analysis CHEMISTRY ELECTIVE</p>

3. Free Electives	None
4. Other requirements	None
5. Minor	Not required
TOTAL number of required hours:	139