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# *Associate of Science in Chemical Engineering*

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## Year 1

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 1201 Intro to Engineering	2	ENGR 2304 Engr Programming	3
CHEM 1411 General Chemistry I	4	PHYS 2425 University Physics I	4
MATH 2413 Calculus I*	4	CHEM 1412 General Chemistry II	4
Texas Core Curriculum 1	3	MATH 2414 Calculus II	4
Texas Core Curriculum 2	3		
<b>Totals:</b>	<b>16</b>	<b>Totals:</b>	<b>15</b>

## Year 2

Fall Semester		Spring Semester	
Course	Credits	Course	Credits
ENGR 2334 Chem Engr Thermo I	3	ENGR 2305 & 2105 Circuits	4
PHYS 2426 University Physics II	4	CHEM 2389 Independent Study *Substituted for ENGR 2333 Elem Chemical Engr	3
CHEM 2423 Organic Chemistry I	4	CHEM 2425 Organic Chemistry II	4
MATH 2415 Calculus III	4	MATH 2320 Differential Equations	3
<b>Totals:</b>	<b>15</b>	<b>Totals:</b>	<b>14</b>

### Some recommended core courses for engineering students:

- ENGL 1301 – Freshman Composition I
- GOVT 2305 – National Government
- GOVT 2306 – Texas Government
- HIST 1301 – History Of US To 1877
- HIST 1302 – History Of US From 1877
- ENGR 2308 – Engineering Economics

**Total Degree Hours: 60**