



Transfer Pathway: San Jacinto College AS
 Engineering, Chemical to Lamar University BS
 Chemical Engineering



First Year - Freshman

| Fall Semester | Spring Semester |
|---------------|-----------------|
|---------------|-----------------|

| | | | | | |
|-----------|--------------|---|-------------------|----------------|---|
| MATH 2413 | Calculus I | 4 | PHYS 2325 | Univ Physics I | 3 |
| GOVT 2305 | Federal Govt | 3 | ENGL 1302 or 2311 | | |

Summer Semester

Second Year - Sophomore

| | | | | |
|-----------------------|----|-----------|------------------|----|
| Calculus III | 4 | MATH 2320 | Diff Equations | 3 |
| Univ Physics II Lab | 1 | MATH 2318 | Linear Algebra | 3 |
| Univ Physics II | 3 | HIST 1302 | US History II | 3 |
| Org Chem I Lab | 1 | ENGR 2305 | EE Circuits | 3 |
| Org Chem I | 3 | ENGR 2105 | EE Circuits Lab | 1 |
| Programming for Engrs | 3 | ENGR 2308 | 080 Core at LU | 3 |
| US History I | 3 | | Engineering Econ | 3 |
| Total | 18 | Total | | 16 |

| | | | | | | | |
|---------|-------|--------------------|-----|----------|-------|----------------------------|-----|
| San Jac | Lamar | Course Name | Hrs | San Jac | Lamar | Course Name | Hrs |
| | | Creative Arts Core | 3 | LPC Core | | Lang, Philos, Culture Core | 3 |
| Total | | | 3 | Total | | | 3 |

| | | | | | | |
|-------|--|-----|-------|-----------|--|-----|
| Lamar | | Hrs | | Lamar | | Hrs |
| | | 3 | | CHEN 3340 | | 3 |
| | | 4 | | CHEN 2100 | | 1 |
| | | 3 | | MATH 3370 | | 3 |
| | | 1 | | CHEN 2140 | | 1 |
| Total | | 11 | Total | | | 8 |

| | | | | | |
|-------|-------------|-----|---------------|-------------------|-----|
| Lamar | Course Name | Hrs | Lamar | Course Name | Hrs |
| | o II | 3 | CHEN 3320 | Heat Transfer | 3 |
| | | 3 | CHEN 4410 | Reaction Kinetics | 4 |
| | | 3 | CHEN Elective | | 3 |
| Total | | 3 | Total | | 3 |

| | | | | | |
|-------|-----------------|---|---------------|---------------|---|
| | Spring Semester | | | | |
| Lamar | Control I | 3 | CHEN 4332 | CHEN Elective | 3 |
| | nsfer | 3 | CHEN 4150 | | 1 |
| | ory I | 3 | CHEN 4340 | | 3 |
| | sign I | 3 | CHEN 4350 | | 3 |
| | | | CHEN Elective | | 3 |
| Total | | | | | |

ENGR 1201 Intro to Engineering - 4 hour unused. 1 hour course at LU instead of 2.
 ENGR 2305 Electrical Circuits and 2105 Circuits Lab - 4 hours unused. Not required for BS Chemical Engineering at LU.
 ENGR 2304 Programming for Engineering. Not required for BS Chemical Engineering at LU.