

ACS-Certified B.S. Degree in Chemistry
Sample Curriculum

| | <u>Fall</u> | <u>Year 1</u> | | <u>Spring</u> |
|------------------|-------------|------------------|--|---------------|
| CHY 105 | 1 | | | |
| CHY 121 | 3 | CHY 122 | | 3 |
| CHY 123 | 1 | CHY 124 | | 1 |
| MAT 126 | 4 | MAT 127 | | 4 |
| ENG 101 | 3 | *PHY 121 | | 4 |
| Elective | 3 | Elective | | 3 |
| Total credits | 15 | Total credits | | 15 |
| <u>Year 2</u> | | | | |
| CHY 251 | 3 | CHY 252 | | 3 |
| CHY 253 | 2 | CHY 254 | | 2 |
| MAT 228 | 4 | CHY 261 | | 3 |
| PHY 122 | 4 | **MAT 258 | | 4 |
| Elective | 3 | CHY 298 | | 1 |
| Total credits | 16 | Elective | | 3 |
| | | Total credits | | 16 |
| <u>Year 3</u> | | | | |
| CHY 342 | 5 | CHY 491 | | 3 |
| CHY 471 | 3 | CHY 431 | | 3 |
| CHY 393 | 3 | CHY 498 | | 1 |
| Elective | 3 | Electives | | 6 |
| Total credits | 14 | Total credits | | 16 |
| <u>Year 4</u> | | | | |
| CHY 492 | 3 | CHY 472 or 475 | | 3 |
| CHY 4xx elective | 3 | CHY 499 | | 3 |
| CHY 498 | 2 | CHY 4xx elective | | 3 |
| Electives | 6 | Electives | | 6 |
| Total credits | 14 | Total credits | | 15 |

This is a sample curriculum only. Some courses may be taken at alternate times in the program without disrupting the overall schedule. Students should consult with a Chemistry advisor to determine which courses can be moved if necessary.

*Previous Chemistry students strongly recommend taking PHY 121 in the spring of the first year.

** If you are interested in a minor in math, you may take MAT 259 and MAT 262 instead of MAT 258.