

This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of plan require special attention.

| | Credit | Min. | Included | Important Notes |
|--------------------------|--------|-------------------|-----------------|------------------------|
| Course Subject and Title | Hours | Grade Required | in Major GPA | POS = Program of Study |

| | | Semeste | r One: [| [16 Credit Hours] |
|---------------------------------|---|----------|------------|---|
| ENG 1000 | 3 | | | May take fall or spring of first year |
| UCO 1200 | 3 | | | May take fall or spring of first year |
| CHE 1101 & 1110 | 4 | | Χ | Also meets Gen. Ed. Science Inquiry requirement |
| Gen Ed. Perspective | 3 | | | Fine Arts Designation |
| Gen Ed Perspective | 3 | | | |
| | | Semeste | r Two: | [15 Credit Hours] |
| MAT 1110 | 4 | | Х | Also meets Gen Ed Quantitative Literacy requirement |
| CHE 1102 & 1120 | 4 | | Х | Also meets Gen. Ed. Science Inquiry requirement |
| BIO 1801 | 4 | | Х | |
| FER 1000 | 3 | | Х | |
| | | Semester | Three : | [15 Credit Hours] |
| FER 2000 | 3 | | Χ | |
| CHE 2101& 2102 | 4 | | Х | |
| NUT 1202 | 3 | | Х | |
| ENG 2001 | 3 | | | May take fall or spring of sophomore year |
| Gen Ed Wellness Literacy Course | 2 | | | |
| | | Semeste | r Four: | [16 Credit Hours] |
| CHE 2210 & 2211 | 4 | | Х | |
| BIO 2600 | 3 | | Х | |
| STT 2810 | 3 | | Х | |
| Gen Ed Perspective | 3 | | | Historical Studies Designation |
| ENG 3090 or ENG 3100 | 3 | | | This is a prerequisite to ENG 3700 next semester |
| | | Semeste | er Five: [| [16 Credit Hours] |
| BIO 3308 | 4 | | Х | |
| ENG 3700 | 3 | | Х | |
| MKT 3050 | 3 | | Х | |
| ECO 2030 | 3 | | Х | Can count as Historical & Social Perspective Capitalism & Its Critics OR This American Life theme |
| Gen Ed Perspective | 3 | | | Take additional course in the theme chosen for ECO 2030 to complete your 6-hour Historical & Social Perspective |

BS, Fermentation Sciences BS_118A College of Arts & Sciences Fermentation Sciences Program 2013-2014



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| | | Comosi | han Civa [1 | 5.17 Credit Hours |
|-------------------------------|------|---------|--------------|--|
| | | Semes | | 6-17 Credit Hours] |
| FER 3200 | 3 | | Х | |
| NUT 3210 | 3 | | Х | |
| FER Science Elective Course 1 | 4 | | Х | Choose one: FER 3000 (spring only), 4100 (fall only), 4200 (spring only), or CHE 4200 (spring only) from Area II. A on POS |
| Focus Area Elective Course 1 | 3-4 | | Х | Choose from section II.E on POS |
| Gen. Ed Perspective | 3 | | | Literary Studies Designation |
| | | Semeste | r Seven: [| 15-16 Credit Hours] |
| CHE 4580 | 3 | | Х | |
| BUS 1050 | 3 | | Х | |
| Focus Area Elective Course 2 | 3-4 | | Х | Choose from section II.E on POS |
| FER Science Elective Course 2 | 4 | | Х | Choose one: FER 3000 (spring only), 4100 (fall only), 4200 (spring only), or CHE 4200 (spring only) from Area II. A on POS |
| Business Elective Course | 3 | | Х | Choose from section II. F on POS |
| | | Semeste | er Eight: [1 | 11-13 Credit Hours] |
| ACC 1050 | 3 | | Х | |
| Gen Ed Perspective | 3 | | | If needed to complete themes; otherwise take Free Elective |
| FER 4300 | 3 | | Х | |
| Free Elective | 1-3* | | | Take enough hours to reach the 122 hours required for the degree |

| General Requirements Summary | | | | | | |
|------------------------------|-----------------|-----------------------|-------------|-----|--|--|
| Minimum | Minimum Gen Ed. | | Minimum | | | |
| Total Hours Hours | Writing | Major GPA | Overall GPA | | | |
| 122 | 44 | ENG 1000 and ENG 2001 | 2.0 | 2.0 | | |

All FER courses and all courses used in Area II on POS count in the major GPA.

| General Education Program Model - 44 Semester Hours Total | | | | |
|---|-------|--|--|--|
| Program Categories | Hours | Important Notes – Be sure to check for Gen Ed courses required in your major | | |
| First Year Seminar | 3 | Can be taken first or second semester of freshman year | | |
| Wellness Literacy | 2 | | | |
| Quantitative Literacy | 4 | | | |

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|---|-----------------|---------------------------|-----------------------------|--|--|
| Course Subject and Title | Credit Hours | Min. Grade Reguired | Included in Major GPA | Important Notes POS = Program of Study | |

| First Year Writing | 3 | Can be taken first or second semester of freshman year |
|---------------------|--------|--|
| Sophomore Writing | 3 | |
| Perspectives: | 29 | |
| Aesthetic | 6 or 9 | |
| Historical & Social | 6 or 9 | |
| Local to Global | 6 or 9 | |
| Science Inquiry | 8 | |

Additional Notes:

- Residency Requirements:
 - o 31 hours must be from ASU
 - 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU