

2002-2003

CHEMISTRY MAJOR – Bachelor of Science Degree
Department of Chemistry and Biochemistry

| Major Requirements | | | | | Alternative sequence | | | | |
|-------------------------------|-----------------------|-----|----|----|----------------------|-------------------|-----|----|----|
| Course | Title | Hrs | Tr | UD | Course | Title | Hrs | Tr | UD |
| CHM 117 | Gen Chem Majors | 4 | | | CHM 113 | Gen Chem | 4 | | |
| CHM 118 | Gen Chem Majors | 4 | | | CHM 115 | Gen Chem (or 116) | 5 | | |
| CHM 317 | Org Chem Majors | 3 | | | CHM 331 | Gen Org Chem | 3 | | |
| CHM 319 | Org Chem Lab Majors I | | | | CHM 335 | Gen Org Chem Lab | 1 | | |
| CHM 318 | Org Chem Majors II | 3 | | | CHM 332 | Gen Org Chem | 3 | | |
| CHM 320 | Org Chem Lab Maj II | 1 | | | CHM 336 | Gen Org Chem Lab | 1 | | |
| CHM 240 | Intro Phys Chem | 3 | | | | | | | |
| CHM 325 | Analy Chem | 3 | | | | | | | |
| CHM 326 | Analy Chem Lab | 1 | | | | | | | |
| CHM 327 | Instr Analysis | 3 | | | | | | | |
| CHM 328 | Instr Analysis Lab | 2 | | | | | | | |
| CHM 345 | Phys Chem I | 3 | | | | | | | |
| CHM 348 | Phys Chem Lab I | 1 | | | | | | | |
| CHM 346 | Phys Chem II | 3 | | | | | | | |
| CHM 349 | Phys Chem Lab II | 1 | | | | | | | |
| CHM 453 | Inorg Chem | 3 | | | | | | | |
| CHM 452 | Inorg Chem Lab | 1 | | | | | | | |
| CHM 460 | Biological Chem | 3 | | | | | | | |
| CHM elective/choose from list | | 3 | | | | | | | |

Electives: CHM 302, 392, 424, 431, 471, 480, 481, 485

Related Courses

| | | | | |
|---------|----------------------|---|--|--|
| MAT 270 | Calculus w/Geom.I | 4 | | |
| MAT 271 | Calculus w/Geom. II | 4 | | |
| MAT 272 | Calculus w/Geom.III | 4 | | |
| PHY 121 | Univ. Physics I | 3 | | |
| PHY 122 | Univ. Physics Lab | 1 | | |
| PHY 131 | Univ. Physics II | 3 | | |
| PHY 132 | Univ. Physics Lab II | 1 | | |

Major must include minimum of 66 hours, 12 hours upper division at ASU, "C" minimum in all upper division courses

| University General Studies | College of Liberal Arts & Sciences |
|----------------------------|------------------------------------|
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First Year Comp ("C" minimum) _____

Second Language _____
 (proficiency through intermediate level, "C" min.)

Literacy/Critical Inquiry (L) _____
 Literacy/Critical Inquiry (upper division satisfied by major)

Humanities (6 hours, upper division, choose from:
 AFH, APH, ARS, CSH, DAH, ENG lit only, HPS,
 HON 171, HUM, MHL, MUS, PHI, REL, THE, WSH)
 Can NOT double count with University General Studies

Mathematical Studies (CS) _____
 Mathematical Studies (MA) (satisfied by major)

Social Behavioral Sciences (6 hours, upper division
 choose from: AFS, ASB, CSS, ECN, GCU, HST,
 HIS, HON 172, PGS, POS, SOC, WST)
 Can NOT double count with University General Studies.

Humanities/Fine Art (HU)
 (6-9 hours, HU and SB must total 15 hours)

Social Behavioral Sciences (SB)
 (6-9 hours, one HU or SB must be upper division)

Bridge Course (see <http://clasdean.la.asu.edu/student/resources/>)

HU and SB Awareness Areas (must cover all three)
 Cultural (C) _____ Global (G) _____ Historical (H) _____

Natural Science/Mathematics (satisfied by major)

Required: 120 total hours, 45 upper division hours, 30 hours in residence at ASU, 2.00 minimum GPA