

# B.S. Chemistry

**Track (ACS Certified)** *(no minor required)*

Name: \_\_\_\_\_

## **REQUIRED CHEMISTRY (44 hrs)\*** (Prerequisites in parentheses)

- \_\_\_\_\_ CHEM 1450 College Chemistry I #
- \_\_\_\_\_ CHEM 1451 College Chemistry II (CHEM 1450)
- \_\_\_\_\_ CHEM 2401 Organic Chemistry I (CHEM 1451)
- \_\_\_\_\_ CHEM 3411 Organic Chemistry II (CHEM 2401)
- \_\_\_\_\_ CHEM 3211 Organic Spectroscopy (CHEM 2401;pre or co-req CHEM 3411)
- \_\_\_\_\_ CHEM 3520 Quantitative Analysis (CHEM 1451)
- \_\_\_\_\_ CHEM 4450 Physical Chemistry I (Fall only) (CHEM 1451, PHYS 1442, MATH 1497)
- \_\_\_\_\_ CHEM 4460 Physical Chemistry II (Spring only) (CHEM 1451, PHYS 1442, MATH 1497)
- \_\_\_\_\_ CHEM 4320 Biochemistry I (CHEM 3411 and BIOL 1440)
- \_\_\_\_\_ CHEM 4121 Biochemistry Lab (co-req CHEM 4320)
- \_\_\_\_\_ CHEM 3360 Intermed. Inorganic Chem. (Fall only) (CHEM 1451)  
    **OR** \_\_\_\_\_ CHEM 4380 Advanced Inorganic (Spring only)
- \_\_\_\_\_ CHEM 4335 Biochemistry II (Spring only) (CHEM 4320)
- \_\_\_\_\_ CHEM 4112 Seminar (Spring only) (pre or co-req CHEM 4450 or 4460) [UD UCA Core: Z]
- \_\_\_\_\_ CHEM 4V01 Research (minimum of 2 credit hours)

## **REQUIRED BIOLOGY (16 hrs)**

- \_\_\_\_\_ BIOL 1440 Principles of Biology I ^
- \_\_\_\_\_ BIOL 1441 Principles of Biology II
- \_\_\_\_\_ BIOL 2490 Genetics
- \_\_\_\_\_ BIOL 3420 General Microbiology

## **REQUIRED PHYSICS (8 hrs)**