

**Sample 5-year FRESHMAN plan for a Degree in: Microbiology (186 units required for the Bachelor of Science Degree)**

	<b>FALL</b>	<b>WINTER</b>	<b>SPRING</b>	<b>SUMMER<sup>++</sup></b>	<b>TOTAL UNITS</b>
<b>Year 1</b>	ENGL 101 (4) MATH 102 (4) NSS 101* (4) 12	ENGL 102 (4) MATH 103 (4) PHIL 160 or (4) PHIL 250 or 12 POLS 155 or COMM 176	WPE (UNIV 400) (0) COMM 150 (4) HIST 202A or 202B (4) GE BLOCK D #1 <sup>+</sup> (4) 12		36 UNITS
<b>Year 2</b>	BIOL 100A (5) CHEM 101 (5) GE BLOCK C #1 (4) 14	CHEM 102 (5) BIOL 100B (5) GE BLOCK C #2 (4) 14	CHEM 103 (5) MICR 300 (5) GE BLOCK D #2 (4) 14		42 UNITS
<b>Year 3</b>	MICR 301 (4) GE BLOCK D #3 (4) CHEM 201 (5) 13	MICR 302 (5) CHEM 301A (3) GE BLOCK C #3 (4) 12	MICR 304 (5) CHEM 301B (3) CHEM 302A (2) BIOL 320 (4) 14		39 UNITS
<b>Year 4</b>	CHEM 301C (3) CHEM 302B (2) PHYS 101 (4) POLS 150 (4) 13	PHYS 102 (4) MICR ELECTIVE (4) MICR 331 (3) 11	PHYS 103 (4) MICR 340 (3) MICR ELECTIVE (5) 12		36 UNITS
<b>Year 5</b>	CHEM 431A (3) MICR ELECTIVE (4) GE THEME – NATS (4) 11	CHEM 431B (3) CHEM 432A (2) FREE ELECTIVES <sup>**</sup> (2) GE THEME – SOCS (4) 11	CHEM 431C (3) MICR ELECTIVES (4) GE THEME – HUM (4) 11		33 UNITS

NOTES: \*NSS 101 fulfills both the IHE and the GE BLOCK E requirements.

**\*\*Free electives are ANY 100-level or higher-level courses not already required in order to have the minimum number of units (186) required for the degree. Students who complete every course on this plan will have completed a minimum of 186 units.**

**<sup>+</sup>Students must take 2 diversity (d) courses as part of GE from Blocks C, D, E or Upper Division Theme.**

**<sup>++</sup> Students may take classes during the Summer Quarter to finish earlier or to take fewer units each quarter.**

**The 3 GE BLOCK D courses must be from three different departments and the 3 GE BLOCK C courses must be from three different areas!  
DO NOT TAKE GE THEME COURSES FROM YOUR MAJOR DEPARTMENT OR CROSS-LISTED COURSES TO MAJOR DEPARTMENT COURSES.**