

**Roadmap sample 4-year schedule for graduation with a
BS in Engineering Sciences with Emphasis in Biosystems
and Agricultural Engineering**

<u>Semester</u>	<u>Fall</u>	<u>Spring</u>
Year		
Freshman 1	MATH 2310 or 2510 (4) CHEM 1000 (3) ENGR 1618 (2) ENGR 2350 (2) Gen Ed: WC (3) 14 units	MATH 2320 or 2520 (4) CHEM 1001 (2) ENGR 1628 (2) PHYS 2210 (4) Gen Ed: OC (3) 15 units
Sophomore 2	ENGR 2110 (3) ENGR 2140 (4) PHYS 2220 (4) MATH/ Science elective (3-4) Gen Ed: Area C (3) 17-18 units	ENGR 2070 (4) ENGR 2120 (3) ENGR 2130 (3) MATH/ Science elective (3-4) ECON 2018 (3) 16-17 units
Junior 3	ENGR 3110 (4) ENGR 3300 (3) ENGR 3400 (3) Gen Ed: Am. Inst. (3) Gen Ed: Area C (3) 16 units	ENGR 3120 (4) ENGR 3310 (3) CHEM 1600 (2) ENGR 4410 (3) Gen Ed: JYDR (3) 15 units
Senior 4	ENGR 4900 (2) ENGR 4420 (3) ENGR 4110 (4) ENGR 4120 (4) Gen Ed: Am. Inst. (3) 16 units	ENGR 4910 (2) ENGR 3410 (4) PHIL 3318 (3) Gen Ed: Capstone (1) 10 units
29 units	34 units	31 units
26 units	16 units	10 units