BIOSYSTEMS ENGINEERING: EXAMPLE OF AN 8-TERM PROGRAM

*Pre- and co-requisites for Biosystems Engineering Science and Design Electives are dependent on course selection.

Term 1
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 2
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 3
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 4
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 5
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 6
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 7
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Term 8
Fall
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Winter
- PHYS 1050(3) Mechanics
- ENGL 1400(3) Literary Topics I
- MATH 1510(3) Applied Calculus 1
- COMP 1012(3) Computer Program for Sci & Eng
- CHEM 1300(3) Chemistry

Note 1: Choose 2 courses
(specific courses are to be taken if completing a specialization)
- AGEC 2370 Principles of Ecology or BIOL 2300 Principles of Ecology
- ANSC 3530 The Animal and its Environment
- BIEO 2600 Plant and Animal Physiology for Engineers
- BIOL 1410 Anatomy of the Human Body
- BIOL 1412 Physiology of the Human Body
- PLNT 2510 Fundamentals of Horticulture
- SOIL 4060 Physical Properties of Soil

Note 2: Specific courses are to be taken if completing a specialization

- prerequisite
- corequisite

Revised: April 28, 2021