LIFE SCIENCES (LIFE)

LIFE 120 Fundamentals of Biology I
Prerequisites: Parallel registration in LIFE 120L.
Notes: High school biology; high school chemistry or CHEM 109 strongly recommended
Description: First in a series of life sciences courses. A systems approach to the study of life at the cellular level, investigating cellular structures, chemical processes, cell metabolism, cell division, gene expression and introducing patterns of inheritance.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: AGRO 216, HORT 216; AGRO 278, HORT 278; ASCI 240; BIOL 205; BIOL 321; BIOL 206; BIOL 207; BIOL 213; BIOL 213L; BIOL 310; BIOL 317; BIOL 337; BIOL 369, PLPT 369; BSEN 244; BSEN 317; FORS 300; FORS 307; FORS 401; FORS 411; LIFE 121; LIFE 121L; Mbio 498; NRES 302; HORT 302; VBMS 307
ACE: ACE 4 Science

LIFE 120L Fundamentals of Biology I laboratory
Prerequisites: Parallel registration in LIFE 120.
Description: This laboratory will use a systems-based approach to explore the study of life at the cellular level, investigating cellular structures, chemical processes, cell metabolism, cell division, gene expression and introducing patterns of inheritance. Parallel registration in LIFE 120 is required.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB
Prerequisite for: AGRO 278, HORT 278; BIOL 321; BIOL 206; BIOL 207; BIOL 213; BIOL 213L; BIOL 337; BIOL 369, PLPT 369; FORS 307; FORS 307; FORS 401; FORS 411; LIFE 121; LIFE 121L; Mbio 498; NRES 302; HORT 302; VBMS 307

LIFE 121 Fundamentals of Biology II
Prerequisites: LIFE 120; LIFE 120L; Parallel registration in LIFE 121L.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ASCI 340; BIOL 206; BIOL 207; BIOL 310; BIOL 312; BIOL 313, BIOL 314; BIOL 369, MAT 316, NRES 316, BIOL 316L; BIOL 317; BIOL 368; BIOL 381; BIOL 385; BIOL 386, NRES 386; FORS 300; FORS 307; FORS 401; LIFE 121L; Mbio 498; NRES 220; VBMS 307
ACE: ACE 4 Science

LIFE 121L Fundamentals of Biology II Laboratory
Prerequisites: LIFE 120; LIFE 120L; Parallel registration in LIFE 121.
Description: Systems-based approach to explore the morphology, phylogeny, life histories, physiology and ecology of organisms.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB
Prerequisite for: BIOL 206; BIOL 207; BIOL 312; BIOL 313; BIOL 314; BIOL 317; BIOL 381; BIOL 385; BIOL 386, NRES 386; FORS 307; FORS 401; LIFE 121; VBMS 307

LIFE 491 Special Topics in Life Sciences
Crosslisted with: LIFE 891
Description: Special topics in Life Sciences. Topical information on a designated topic, dialog and discussion of that topic, and various issues and perspectives related to that topic.
Credit Hours: 1-6
Min credits per semester: 1
Max credits per semester: 6
Max credits per degree: 6
Format: LEC