LIFE SCIENCES (LIFE)

LIFE 120 Fundamentals of Biology I
Prerequisites: High school biology; high school chemistry or CHEM 109 or parallel. Parallel registration in LIFE 120L.
Notes: Parallel registration in LIFE 120L is required.
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
Prequisite for: ASCI 340; BIOC 205; BIOC 321; BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 310; BIOS 312; BIOS 313; BIOS 314; BIOS 317; FORS 300; FORS 307; FORS 401; FORS 411; LIFE 121; LIFE 121L; Mbio 498; VBMS 307
ACE: ACE 4 Science

LIFE 120L Fundamentals of Biology I laboratory
Prerequisites: High school biology, high school chemistry, or CHEM 109 or parallel. 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
Prequisite for: BIOC 321; BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 317; FORS 307; FORS 401; FORS 411; LIFE 121; LIFE 121L; VBMS 307

LIFE 121 Fundamentals of Biology II
Prerequisites: High school chemistry, or CHEM 109 or parallel; LIFE 120, 120L. Parallel registration in LIFE 121L.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prequisite for: ASCI 340; BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 237; BIOS 310; BIOS 312; BIOS 313; BIOS 314; BIOS 317; BIOS 381; BIOS 385; BIOS 386; NRES 386; BIOS 388; FORS 307; FORS 401; FORS 411; LIFE 121; VBMS 307
ACE: ACE 4 Science

LIFE 121L Fundamentals of Biology II Laboratory
Prerequisites: High school chemistry, or CHEM 109 or parallel; LIFE 120, 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
Prequisite for: BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 237; BIOS 317; BIOS 381; BIOS 385; BIOS 386; NRES 386; BIOS 388; FORS 307; FORS 401; FORS 411; 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
Prequisite for: ASCI 340; BIOC 205; BIOC 321; BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 237; BIOS 310; BIOS 312; BIOS 313; BIOS 314; BIOS 317; BIOS 381; BIOS 385; BIOS 386; NRES 386; BIOS 388; FORS 307; FORS 401; FORS 411; LIFE 121; VBMS 307
ACE: ACE 4 Science