LIFE SCIENCES (LIFE)

LIFE 120 Fundamentals of Biology I
Prerequisites: Parallel registration in LIFE 120L.
Notes: High school biology; high school chemistry or CHEM 109A/109L 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
Grading Option: Graded with Option
Prerequisite for: ASCI 240; ASCI 243; ASCI 271; ASCI 340; BIOC 205; BIOS 111; BIOS 206; BIOS 207; BIOS 213; BIOS 213L; BIOS 310; BIOS 317; BIOS 337; BIOS 383; BSEN 244; BSEN 317; ENTO 308; FORS 300; FORS 307; FORS 401; FORS 411; LIFE 121; LIFE 121L; Mbio 498; NRES 302; PLAS 302; NRES 310; NRES 425; VBMS 425; PLAS 240; RNGE 240; GRAS 240; PLAS 278; PLAS 306; PLAS 307; PLAS 325; PLPT 210; VBMS 407
ACE: ACE 4 Science

LIFE 120L Fundamentals of Biology I laboratory
Prerequisites: Parallel registration in LIFE 120.
Notes: High school biology; high school chemistry or CHEM 109A/109L strongly recommended. Parallel registration in LIFE 120 is required.
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.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Grading Option: Graded with Option
Prerequisite for: BIOS 206; BIOS 207; BIOS 312; BIOS 314; BIOS 317; BIOS 381; BIOS 385; FORS 307; FORS 401; LIFE 121; NRES 386; BIOS 386; VBMS 407
Course and Laboratory Fee: $45

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
Grading Option: Graded with Option
Prerequisite for: BIOS 206; BIOS 207; BIOS 310; BIOS 312; BIOS 314; BIOS 317; BIOS 368; BIOS 381; BIOS 385; FORS 300; FORS 307; FORS 401; LIFE 121L; Mbio 498; NRES 220; NRES 386; BIOS 386; NRES 425; VBMS 425; VBMS 407
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
Grading Option: Graded with Option
Prerequisite for: BIOS 206; BIOS 207; BIOS 312; BIOS 314; BIOS 317; BIOS 381; BIOS 385; FORS 307; FORS 401; LIFE 121; NRES 386; BIOS 386; VBMS 407
Course and Laboratory Fee: $60

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
Grading Option: 6