

DEPARTMENT OF LIFE SCIENCES

Mission

The Department of Life Sciences at Texas A&M University-San Antonio strives to provide a rich educational experience for students through face-to-face instruction, on-line learning, and hybrid courses with small class sizes and state-of-the-art technology. We emphasize hands-on experiential learning and critical thinking, and the participation of undergraduate students in the scholarship efforts of the faculty. We strive to provide our students with leadership skills and values to prepare them for the work-place, for advanced study, and for an ever-changing world.

Contact Information

Dr. Marvin M. F. Lutnesky
Professor and Chair, Department of Life Sciences
STEM 311S

Programs Biology

- Biology Concentration in Cell and Molecular Biology, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-concentration-cell-molecular-ba/>)
- Biology Concentration in Ecology, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-concentration-ecology-bs/>)
- Biology Concentration in Pre-Health Professions, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-concentration-pre-health-bs/>)
- Biology Concentration in Zoology, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-concentration-zoology-ba/>)
- Biology with Teacher Certification, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-teacher-certification-ba/>)
- Biology, Bachelor of Arts (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-ba/>)
- Biology, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-bs/>)
- Biology, Minor (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-minor/>)

Psychology

- Biology Concentration in Pre-Health Professions, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/biology-concentration-pre-health-bs/>)
- Psychology, Bachelor of Arts (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/psychology-ba/>)
- Psychology, Bachelor of Science (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/psychology-bs/>)
- Psychology, Minor (<https://catalog.tamusa.edu/undergraduate/arts-sciences/life-sciences/psychology-minor/>)

Courses Biology

Code	Title	Credits
BIOL 1106	General Biology I Lab	1
BIOL 1107	General Biology II - Lab	1
BIOL 1306	Gen Biology I-Attr Living Sys	3
BIOL 1307	Gen Biology II-Biol Organisms	3
BIOL 1308	Intro to Life Sciences I	3
BIOL 1309	Intro to Life Sciences II	3
BIOL 2190	Independent Study	1
BIOL 2401	Anatomy & Physiology I	4
BIOL 2402	Anatomy & Physiology II	4
BIOL 2406	Intro to Plant Biology	4
BIOL 2410	Topics in Biology	4
BIOL 2411	Genetics	4
BIOL 2415	Statistics in Biology & Medicin	4
BIOL 2421	Introduction to Microbiology	4
BIOL 2431	Cell Biology	4
BIOL 2490	Topics in Biology	4
BIOL 3104	Research Experience in Biology	1
BIOL 3304	Biotechniques	3
BIOL 3375	Applied Entomology	3
BIOL 3401	Invertebrate Zoology	4
BIOL 3402	Evolution	4
BIOL 3403	Plant Taxonomy	4
BIOL 3405	Vertebrate Zoology	4
BIOL 3406	Animal Behavior	4
BIOL 3407	Ecology	4
BIOL 3408	Animal Physiology	4
BIOL 3409	Cellular Physiology	4
BIOL 4101	Seminar-Integrative Biology	1
BIOL 4102	Seminar-Cell/Molecular Biology	1
BIOL 4103	Seminar-Zoology	1
BIOL 4104	Seminar-Ecology	1
BIOL 4120	Experiential Lab Instruction	1
BIOL 4304	Undergrad Research in Biology	1-3
BIOL 4307	Conserv/Restoration Ecology	3
BIOL 4356	Topics in Biology	3
BIOL 4360	Internship in Biology	3
BIOL 4401	Molecular Biology	4
BIOL 4402	Developmental Biology	4
BIOL 4406	Bacteriology	4
BIOL 4407	Virology	4
BIOL 4408	Immunology	4
BIOL 4409	Biology of Disease Vectors	4
BIOL 4410	Topics in Biology	4
BIOL 4411	Appl Plant Physiology,Grwth/Dv	4
BIOL 4423	Wildlife Management	4
BIOL 4424	Field Biology	4
BIOL 4425	Ornithology	4
BIOL 4426	Cellular Physiology	4

BIOL 4427	Herpetology	4
BIOL 4429	Mammalogy	4
BIOL 4430	Parasitology	4
BIOL 4431	Ichthyology	4
BIOL 4432	Primateology	4

Psychology

Code	Title	Credits
PSYC 2202	The Psychology Major	2
PSYC 2301	General Psychology	3
PSYC 2314	Lifespan Growth & Development	3
PSYC 2315	Psychology of Adjustment	3
PSYC 2325	Selected Topics in Psychology	3
PSYC 2385	Writing in Psychology	3
PSYC 2388	Psychological Research/Stats I	3
PSYC 3088	Psyc Research & Stat II Lab	0
PSYC 3304	Psychology of Learning	3
PSYC 3305	Social Psychology	3
PSYC 3312	Motivation & Emotion	3
PSYC 3315	Health Psychology	3
PSYC 3316	Physiological Psychology	3
PSYC 3321	Intimate Relationships	3
PSYC 3322	Gender Issues	3
PSYC 3324	Culture and Psychology	3
PSYC 3327	Lifespan Development	3
PSYC 3336	Sports, Exer, Perf Psychology	3
PSYC 3344	Military Psychology	3
PSYC 3359	Educational Psychology	3
PSYC 3360	Industrial/Organizational Psychology	3
PSYC 3365	Psychology of Personality	3
PSYC 3369	Human Sexuality	3
PSYC 3488	Psyc Research & Stats II	4
PSYC 4051	Directed Research in Psyc	0
PSYC 4151	Directed Research in Psyc	1
PSYC 4160	Psychology Senior Seminar	1
PSYC 4251	Directed Research in Psyc	2
PSYC 4309	Psychological Assessment	3
PSYC 4310	Cognitive Psychology	3
PSYC 4314	Psychology of Adolescence	3
PSYC 4315	Sel Topics in Psychology	3
PSYC 4325	Abnormal Psychology	3
PSYC 4328	Psychology of Perception	3
PSYC 4333	History & System of Psychology	3
PSYC 4335	Intro Clinical Psychology	3
PSYC 4345	Substance Abuse	3
PSYC 4351	Directed Research in Psyc	3
PSYC 4352	Forensic Psychology	3
PSYC 4355	Internship in Psychology	3
PSYC 4360	Seminar in Advanced Psychology	3
PSYC 4370	Psychology and Law	3
PSYC 4388	Psych Research & Stats III	3