

## Fall 2018 Course Offerings for Biological Sciences Majors

<u>Course</u>	<u>Pre-Requisites</u>
BIOL 1403 Biology I (WI) (CL)	BIOL 1403 & 1404
BIOL 3305 Organic Evolution	BIOL 1403 & 1404
BIOL 3306 Principles of Plant Biology	BIOL 1305 or 1401 or 1402 or 1404
BIOL 3309 Principles of Ecology	BIOL 1403 & 1404 & 3416 (Minimum grade C in prerequisite)
BIOL 3320 Cell Biology	BIOL 3320 as prerequisite or concurrently
BIOL 3120 Cell Biology Lab	BIOL 3320
BIOL 3410 Experimental Molecular Biology (CL)	BIOL 1401 or 1402 or 1403 (Minimum grade C in prerequisite)
BIOL 3416 Genetics (WI) (CL)	Senior standing
BIOL 4101 Biology Seminar (WI) (CL)	Instructor permission Advisor Permit
BIOL 4110 Special Topic - one credit hour	Instructor permission Advisor Permit
BIOL 4100 Undergraduate Research - one credit hr.	Instructor permission Advisor Permit
BIOL 4300 Undergraduate Research - 3 credit hrs.	BIOL 3309 Advisor Permit
BIOL 4301 Animal Physiological Ecology (Dr. Liam McGuire – Sec. 005)	BIOL 1403 and CHEM 1307 Advisor Permit
BIOL 4301 Environmental Endocrinology (Dr. James Carr Sec. 011)	Permission from Center Director Gail Barnes (806-799-2142)
BIOL 4301 SPWRC Internship (Dr. Lou Densmore – Sec. 015)	BIOL 1404 (BIOL 3309 recommended) Advisor Permit
BIOL 4301 Conservation Biology (Dr. Tigga Kingston Sec. 022)	BIOL 1401 or 1402 or 1403 or 1404 Advisor Permit
BIOL 4301 Vector Biology (Corey Brelsfoard)	BIOL 3320 Advisor Permit
BIOL 4301 Cell Biology II (Dr. Zhixin Xie – Sec. 080)	BIOL 1403 & 1404 Advisor Permit
BIOL 4301 Environmental Plant Physiology (Dr. Bobbie McMichael – D76)	Distance Ed Students only until Campus Restriction removed
BIOL 4310 Community Ecology	BIOL 3309 or Instructor permission
MBIO 3401 Principles of Microbiology	BIOL 1402 or 1403 & 1404; CHEM 3305
MBIO 4310 Introduction to Virology	MBIO 3401 or BIOL 3320 (Minimum grade C in prerequisite)
MBIO 4367 Molecular Pathogenesis of Protozoans (CL)	MBIO 3401
MBIO 4402 Immunology and Serology	MBIO 3401 or BIOL 3320 or CHEM 3312
MBIO 4406 The Genetics of Microorganisms	MBIO 3401 or Instructor permission
ZOOL 3303 Basic Concepts of Pathophysiology	ZOOL 2403 and ZOOL 2404 (Minimum grade C in prerequisite)
ZOOL 3405 Vertebrate Structure and Development	BIOL 1402 or BIOL 1404
ZOOL 3406 Comparative Invertebrate Zoology (CL)	BIOL 1401 & BIOL 1402 or BIOL 1403 & BIOL 1404
ZOOL 4312 Animal Behavior	BIOL 1404 or BIOL 3309
ZOOL 4406 Introduction to Mammalogy	BIOL 1402 or BIOL 1404

**Please Note – ALL BIOL 4100, 4110, 4300 and 4301 classes will require a permit from your advisor – even if you have taken the appropriate prerequisite courses.**

**Reminder – All prerequisites must be a grade of C or better.**

**WI – Writing Intensive (Catalog Year 2016 and earlier) – 6 hours required**

**CL – Communication Literacy (Beginning Catalog Year 2017) – 3 courses required**