

BIMS Directed Electives Available for Spring 2018

*3/400-level BIMS/V--- courses require CBKs done and U3/4 status

ANSC 107/108: General Animal Science & Lab – Lab requires concurrent enrollment in lecture.

ANSC 210: Companion Animal Science – Prereq: ANSC 107

ANSC/NUTR 303: Animal Nutrition – Prereq: ANSC 107, CHEM 227

ANSC 318: Feeds & Feeding – Prereq: ANSC/NUTR 303

ANSC 320: Animal Nutrition & Feeding – Prereq: CHEM 227

BICH 414: Biochemical Tech I – BICH must force – form on their website. Prereq: BICH 440 or 410 (2 hours, can be W-course, Spring only)

BIMS 110: SPTP: One Health in Action (U1/2 only; 1 hour) (*formerly BIMS 289*)

BIMS 289: Aspects of Bioterrorism (U1/2 only; 1 hour)

BIMS 289: Intro to Equine-Assisted Activities & Therapies

BIMS 201: Intro to Phenotypic Expression in the Context of Human Medicine – Prereq: BIOL 112, CHEM 227; Cannot be concurrently enrolled in Biochemistry or BIMS/GENE 320 or equivalent (2 hour, Spring only) (*formerly BIMS 289*)

*BIMS/GENE 421: Advanced Human Genetics – Prereq: BIMS/GENE 320, BICH 410

*BIMS 484: Field Experience (2 hours, S/U)

*BIMS/V--- 2/485: Directed Studies research (0-4 hours, graded or S/U) Research page on vetmed.tamu.edu/bims

*BIMS/V--- 2/491: Research with a thesis/capstone component (3 hr, graded or S/U) – Prereq: 2/485 research

ENTO 208/209: Veterinary Entomology (Honors available, web-based lecture available) – Lab required.

ENTO 210: Global Public Health Entomology

ENTO 423: Medical Entomology

ENTO 431: Science of Forensic Entomology – Lab not required (Spring only)

ENTO 432: Applied Forensic Entomology Lab – Must be enrolled in ENTO 431 (Spring only)

FSTC/DASC 326: Food Bacteriology – Lab not required; ANSC must force – form on their website. Prereq: BIOL 112

FSTC/DASC 327: Food Bacteriology Lab – Must be enrolled in FSTC/DASC 326

GENE/BICH 431: Molecular Genetics (Honors available) – Lab not required. Prereq: BIMS/GENE 320, BICH 410

GENE/BICH 432: Molecular Genetics Lab – Must be enrolled in GENE/BICH 431. Prereq: BIMS/GENE 320, BICH 410 (2 hours, can be W-course)

NUTR 222: Nutrition for Health & Health Care (distance-based w/ web fee)

URPN 370: Health Systems Planning (U3/4) (distance-based section has web fee)

VIBS 243: Intro to Mammalian Histology (U1/2 only; 2 hours, web-based)

*VIBS 401: Developmental Neurotoxicology (2 hours) (*VIBS 305 recommended*)

*VIBS 411: Tumor Cell Biology and Carcinogenesis – Prereq: BIMS 320 (odd Springs only)

*VIBS 413: Intro to Epidemiology (even Springs only)

*VIBS 420: Computer Applications in Public Health Research (Spring only)

*VIBS 422: Endocrine Toxicology (U4 only; 4 hours, Spring only) (*formerly VIBS 489*)

*VIBS 443: Biology of Mammalian Cells & Tissues (4 hours, W-course, Spring only) (*histology*)

*VIBS 489: SPTP: Anatomy Teaching (must be approved to TA for VIBS 305)

*VIBS 489: SPTP Science in Cinema & Society – Prereq: VIBS 310 (W-course, Spring only)

*VIBS 489: SPTP: Case Studies in Global One Health (2 hours, W-course)

*VLCS 422: Equine Disease & Epidemiology (U3/4; Spring only) (for equine certificate students)

VTPB 221: Great Diseases of the World (U1/2 only; only BDE for 2014-15 catalog forward)

*VTPB 301/WFSC 327: Wildlife Diseases (Spring only now)

*VTPB 409: Intro to Immunology – (*BICH 410, VTPB 405 recommended*)

*VTPB 410: Cell Mechanisms of Diseases – Prereq: VTPB 423 or concurrent enrollment (*currently waived by professor*) (*pathophysiology*)

*VTPB 415: Immunogenetics & Comparative Immunology – Prereq: BIMS/GENE 320, VTPB 409 (*both currently waived by professor*) (Sp only)

*VTPB 421: Infectious Diseases of Humans & Animals – (USVM only)

*VTPB 438: Virology – (VTPB 405, BIMS/GENE 320 recommended) (Spring only)

*VTPB/BIOL 487: Parasitology – Prereq: BIOL 112 (4 hours, Spring only)

*VTPB 489: SPTP: Mammalian Cell Pathobiology – Prereq: BIOL 112 (Spring only)

VTPP 123: Foundations of Physiology (Spring only)

VTPP 224: In Vitro Experimentation in Physiology Research – Prereq: VTPP 223 or instructor approval (Spring only)

VTPP 235: Analysis and Validation of Models for Physiology Research – Prereq: VTPP 234 or instructor approval (Spring only)

*VTPP 425: Pharmacology – Prereq: VTPP 423 (*currently waived by professor but strongly recommended*) (distance-based w/ web fee)

*VTPP 427: Physiology II – Prereq: VTPP 423 (Spring only now)

*VTPP 452: Fetal & Embryonic Physiology – Prereq: BICH 410 (Spring only)

VTPB 334 and VTPP 323 are not BIMS directed electives. They will count in the BIMS minor and USVM concentration only.