

Iowa State University Courses accepted as Upper-Level Biomedical Science (6-13-24)

Animal Science (ANS)

ANS 3130 – Exercise Physiology of Animals

ANS 3190 – Animal Nutrition

ANS 3310 – Domestic Animal Reproduction

ANS 3450 – Growth and Development of Domestic Animals

ANS 3730B – Applied Avian Physiology

ANS 4190 – Advanced Animal Nutrition

Biochemistry, Biophysics, and Molecular Biology (BBMB)

BBMB 3160 – Principles of Biochemistry

BBMB 4040 – Biochemistry I

BBMB 4050 – Biochemistry II

BBMB 4200 – Mammalian Biochemistry

Biology (BIOL)

BIOL 3140 – Principles of Molecular Cell Biology

BIOL 3350 – Principles of Human and Other Animal Physiology

BIOL 3500 – Comprehensive Human Anatomy

BIOL 3520 – Vertebrate Histology

BIOL 3530 – Introductory Parasitology

BIOL 4020 – Introduction to Pathology

BIOL 4230 – Developmental Biology

BIOL 4280 – Cell Biology

BIOL 4340 – Endocrinology

BIOL 4360 – Neurobiology

Biomedical Sciences (BMS)

BMS 3290 – Anatomy and Physiology of Domestic Animals

BMS 4380 – Principles of Physiology

BMS 4390 – Principles of Pharmacology

BMS 4470 – Introduction to Human Gross Anatomy

BMS 4480 – Principles of Human Gross Anatomy

Genetics (GEN)

GEN 4090 – Molecular Genetics

Kinesiology (KIN)

KIN 3580 – Exercise Physiology

KIN 4720 – Neural Basis of Human Movement

KIN 4800 – Functional Anatomy

Iowa State University Courses accepted as Upper-Level Biomedical Science**Microbiology (MICRO)**

MICRO 3020 – Biology of Microorganisms

MICRO 3100 – Medical Microbiology

MICRO 3200 – Molecular and Cellular Bacteriology

MICRO 3530 – Introductory Parasitology

MICRO 4020 – Microbial Genetics and Genomics

MICRO 4080 - Virology

MICRO 4280 – Principles of Epidemiology and Population Health

MICRO 4750 – Immunology

Toxicology (TOX)

TOX 4010 – Principles of Toxicology

TOX 4260 – Veterinary Toxicology

Veterinary Pathology (VPTH)

VPTH 3530 – Introductory Parasitology

VPTH 4020 – Introduction to Pathology