

Course Articulation Agreement

Pennsylvania State University

All prerequisite courses and a bachelor's degree (from a regionally accredited university) must be completed prior to matriculation in the Doctor of Veterinary Medicine program. Approximately 75% of the prerequisites (approximately three courses) must be complete at time of the application. **All upper division courses must be taken at a four year college.**

No articulation agreements exist for **statistics**. Any statistics course (business, medical, psychology, etc.), either lower or upper division, is accepted.

UPPER DIVISION COURSES

SUBJECT	UC DAVIS COURSES	EQUIVALENT(S)
Biochemistry (one semester or quarter)	ABI 102 or BIS 103	BMB 401 General Biochemistry
Genetics (one semester or quarter)	BIS 101	ANSC 322H Animal Genetics & Selection or BIOL 222 Genetics
Physiology (Human or Animal) (one semester or quarter)	ANS 100 or NPB 101	ANSC 423 Physiology or BIOL 472: Mammalian Physiology

LOWER DIVISION COURSES

SUBJECT	UC DAVIS COURSES	EQUIVALENT(S)
College Physics (two semesters or two quarters; no lab)	PHY 1A and 1B or PHY 7A , 7B and 7C	PHYS 211: General Physics: Mechanics PHYS 212: General Physics: Electricity and Magnetism PHYS 213: General Physics: Fluids and Thermal Physics PHYS 214: General Physics: Wave Motion and Quantum Physics PHYS 250: Introductory Physics I PHYS 251: Introductory Physics II
General Biology (two semesters or three quarters w/ lab)	BIS 2A BIS 2B BIS 2C	BIOL 011 Introductory Biology I BIOL 012 Introductory Biology II BIOL 110 Biology: Basic Concepts and Biodiversity BIOL 110L Biology: Basic Concepts and Biodiversity + Lab BIOL 230W Biology: Molecules and Cells BIOL 240W Biology: Function and Development of Organisms
General Chemistry (two semesters or three quarters w/ lab)	CHE 2A, CHE 2B, CHE 2C	CHEM 110: Chemical Principles I CHEM 112: Chemical Principles II
Organic Chemistry (two semesters or two quarters w/ one lab total)	CHE 8A or CHE 118A CHE 8B or CHE 118B	CHEM 210: Organic Chemistry I CHEM 212: Organic Chemistry II

Note: Any courses listed in the old articulation agreement will still be accepted for prerequisites.