

# Course Articulation Agreement

## University of Pennsylvania

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)
<b>Biochemistry</b> (one semester or quarter)	ABI 102 or BIS 103	CHEM 251 Principles of Biological Chemistry BIOL 204 Biochemistry
<b>Genetics</b> (one semester or quarter)	BIS 101	BIOL 221 Molecular Biology and Genetics BIOL 421 Molecular Genetics BIOL 422 Human Genetics and Genomics BIOM 555 Regulation of Genome
<b>Physiology (Human or Animal)</b> (one semester or quarter)	ANS 100 or NPB 101	BIOL 215 Vertebrate Physiology BIOL 213 Essentials of Physiology

### LOWER DIVISION COURSES

SUBJECT	UC DAVIS COURSES	EQUIVALENT(S)
<b>College Physics</b> (two semesters or two quarters; no lab)	PHY 1A and 1B or PHY 7A , 7B and 7C	CHEM 221 CHEM 222
<b>General Biology</b> (two semesters or three quarters w/ lab)	BIS 2A BIS 2B BIS 2C	BIOL 101 BIOL 102
<b>General Chemistry</b> (two semesters or three quarters w/ lab)	CHE 2A CHE 2B CHE 2C	CHEM 101 CHEM 102
<b>Organic Chemistry</b> (two semesters or two quarters w/ one lab total)	CHE 8A or CHE 118A CHE 8B or CHE 118B	CHEM 241 Principles of Organic Chemistry CHEM 242 Principles of Organic Chemistry II + Lab

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