

Course Requirements

Basic Requirements	PhD	MS	MS (Resident)	Notes
Total credits	Min. 90	Min. 30	Min. 30	
Research credits (5994/7994)	Min. 30	Min. 6	Min. 6	Must be taken at Virginia Tech.
Course credits:	Min. 27	Min. 20	Min. 20	
5000-level (or higher) credits	Min. 21	Min. 14	Min. 14	
4000-level credits	Max. 6	Max. 6	Max. 6	May include Special Study (4984) courses but may not include Undergraduate Independent Study (4974) or Undergraduate Research (4994) courses.
Special Study (5984/6984) or Independent Study (5974) credits	Max. 18	Max. 9	Max. 9	
Required Courses	PhD	MS	MS (Resident)	Notes
BMVS 5094: Grant Writing and Ethics	3 credits	Optional	Optional	
BMVS 5174: Responsible Conduct of Research	1 credit	1 credit	1 credit	
BMVS 5594: Current Technologies in Biomedical Sciences	1 credit	1 credit	Optional	
BMVS 5944: BMVS Seminar	1 credit, taken 4 times	1 credit, taken 2-3 times	1 credit, taken 1-3 times	<ul style="list-style-type: none"> PhD students must enroll four times and present a seminar in two of the four semesters registered. MS students must enroll two times and present a seminar in at least one of the two semesters registered. May take a third time for credit. One credit hour can be substituted with an alternative seminar with instructor approval. Resident/MS students are excused from the non-presenting registration.
BMVS 6014: Veterinary Clinical Sciences Residency	n/a	n/a	0 credits, taken every semester	Resident/MS students must enroll in BMVS 6014 every semester.
GRAD 5004: GTA Workshop	1 credit	1 credit	1 credit	
GRAD 5144: Communicating Science	2 credits	Optional	Optional	
Statistics <i>Public Health students: see notes</i>	Min. 3 credits	Min. 2 credits	Min. 2 credits	Public Health students will take PHS 5025 Epidemiology and Quantitative Methods in Public Health
Biochemistry or Molecular Biology <i>Public Health students: see notes</i>	Min. 3 credits	Optional	Optional	Public Health students will take PHS 5004 Fundamentals of Public Health

Deadlines

- MS: The Plan of Study is due on the first day of the second academic semester.
- PHD: The Plan of Study is due on the first day of the third academic semester.