

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	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 Public Health students: see notes	Min. 3 credits	Min. 2 credits	Min. 2 credits	5025 Epidemiology and Quantitative Methods in Public Health is recommended. advisors should be consulted to determine the best statistics course suited for their research.
Biochemistry or Molecular Biology Public Health students: see notes	Min. 3 credits	Optional	Optional	PHS 5004 Fundamentals of Public Health (1 credit) is required, PHS 5054 Public Health Leadership and Interprofessionalism (2 credits) is recommended.

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.