

# Graduate Certificate in Veterinary Science

The Graduate Certificate in Veterinary Science is ideal for veterinary professionals who are seeking employment in the public sector (government or state biomedical programs), industry or education. Those who are preparing to take exams for specialty certifications, or desire employment in private referral practices that require advance training, will also benefit from this certificate. Students who successfully complete the coursework required to earn an online graduate certificate in Veterinary Science will have acquired current, advanced information within the area of veterinary medicine and closely related topics.

This certificate can stand alone or may be earned by Master's students within other approved graduate programs.

## Requirements

In order to successfully complete the certificate program, students must complete 12 hours of courses through Veterinary Online programs and 3 credit hours of graduate level statistics. Problems, Research and courses graded Satisfactory/Unsatisfactory are not applicable, and all courses must be graduate level (7000 level or above) BIOMED, V\_BSCI, V\_PBio, or V\_M\_S courses unless approved by the student's graduate committee.

Courses required by the certificate program can be finished within 36 weeks, and must be completed within 80 weeks (five 16-week semesters) after the student is accepted into the program. Students must maintain at least a 3.0 cum GPA, and no grade lower than a C may be earned in any course offered through Veterinary Online Programs.

### Required Course

STAT 7020	Statistical Methods in the Health Sciences	3
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### Electives (total of 12 credit hours required)

V_PBio 7110	Veterinary Cytology	2
V_PBio 7120	Principles of Toxicology	3
BIOMED 7250	Human-Animal Bond in Veterinary Practice	3
V_M_S 7320	Fundamentals of Small Animal Emergency and Critical Care	3
V_BSCI 7333	Veterinary Cell Biology	4
V_M_S 7510	Equine Clinical Anatomy: Forelimbs	1
V_M_S 8040	Advanced Small Animal Clinical Nutrition	2
BIOMED 8100	Veterinary Online Course Development and Teaching	3
BIOMED 8700	Principles of Veterinary Pain Management	2
BIOMED 8710	Essentials of Radiation Biology	2
BIOMED 8900	Small Animal Wound Management and Reconstructive Surgery	2

## Admissions Requirements:

- Completion of a Bachelors or Professional degree through an AVMA and the Council for Higher Education Accredited program.
- Veterinary technicians with a bachelor's degree must have achieved a minimum cumulative GPA of 3.0 in the last 60 credit hours prior to achieving a bachelor's degree.
- Acceptance by the University of Missouri Graduate School.

- When appropriate, a score of 520 or greater on the Test of English as a Foreign Language (TOEFL) exam.
- When appropriate, a score of 220 or greater on the Test of Spoken English (TSE) exam.
- Acceptable references from at least three people who know the candidate well, but are not related to the candidate.

For more information and application instructions, please visit: <https://online.missouri.edu/degrees-programs/mu/veterinary-medicine/veterinary-science/grad-cert> (<https://online.missouri.edu/degrees-programs/mu/veterinary-medicine/veterinary-science/grad-cert/>)