

December 11, 2019

JANET FOLEY, CHAIR

Preventive Veterinary Medicine Graduate Group

RE: Preventive Veterinary Medicine Graduate Group Degree Requirements

Enclosed is a copy of the Preventive Veterinary Medicine Graduate Group degree requirements as approved by Graduate Council on December 6, 2019. These degree requirements are now the official requirements for the Preventive Veterinary Medicine Graduate Group and will be posted on the Office of Graduate Studies program webpage:

<https://grad.ucdavis.edu/programs/vprm>

Thank you for your efforts on behalf of graduate education.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Arnett", with a stylized flourish at the end.

Carlee Arnett, Chair
Graduate Council

CC: Jasmine Bonite, Project/Policy Analyst, Graduate Studies
Tami Ali, Graduate Group Coordinator

PREVENTIVE VETERINARY MEDICINE GRADUATE GROUP
MPVM DEGREE REQUIREMENTS

Revised: March 18, 2015; March 19, 2019

Graduate Council Approval: December 6, 2019

Master's Degree Requirements

1) Admissions requirements:

Consideration for program admission requires: completion of or current enrollment in a 1) A professional medical degree (e.g. a DVM degree or equivalent or a MD degree or equivalent) or extensive professional experience in a health or medical field; three letters of recommendation; official transcripts; TOEFL or IELTS score (if applicable); and Office of Graduate Studies online application with fee by the stated admission deadline.

- A minimum GPA of 3.0 on a 4-point scale (or equivalent for foreign students) is required. The program requires that the student submit international transcripts that have been evaluated to a 4.0 scale in English. International transcripts translated by World Education Services, Education Credential Evaluators, International Education Research Foundation or ACCRAO International Education Services.
- Applicants whose most recent terminal degree was not delivered in an English language curriculum must take the Test of English as a Foreign Language (TOEFL) or the Academic Modules of the International English Language Testing System (IELTS), regardless of their language of instruction.
- Minimum acceptable TOEFL score is 80, and minimum acceptable IELTS score is 7.0.
- All students are required to take an English language course (UWP 225 or UWP 226) unless: ○ They have a TOEFL test score (iBT) of 105 or higher or IELTS test score of 7.5 or higher,
OR ○ They have **both** 24 or higher on the writing portion and 23 or higher on the speaking portion of the TOEFL iBT test (Students with IELTS scores should contact the International Academic English program).
- Students who have a TOEFL score below 90 or an IELTS score below 7.5 are required to take both UWP 225 and UWP 226. Taking these classes concurrently with all required and elective MPVM coursework can be difficult to accomplish within 1 yr and most students who take these English courses will enroll in MPVM for 2 years.
- The UCD minimum requirements for a graduate student applicant who is not a native English speaker are a minimum TOEFL score of 80. No TOEFL or IELTS score required for students who have a degree from an institution whose language of instruction is English.
- As a general policy, students will only be admitted to begin the program at the start of the curriculum.
- Students can request to defer admissions, recognizing that acceptance of such a request is not guaranteed. Admitted students requesting a deferral need to make a request in writing indicating the reasons and proposed date for deferral. The PVM Admissions and Student Affairs Committee will review requests for deferral and make the decision on a case-by-case basis.
- Admissions decisions are made on a case-by-case basis. Meeting some or all of these criteria does not guarantee admission, but merely eligibility. The decision to recommend admission to the Dean of Graduate Studies will be made by the PVM Admissions and Student Affairs Committee on the basis of available space and the competitiveness of applicants compared to the eligible pool.

- Applicants are strongly encouraged to communicate with the Chair and Master Adviser prior to admission to the program, in order to introduce themselves and to facilitate connections with appropriate faculty. Applicants should take the initiative to identify their research interests, identify datasets to which they have access that might be suitable for MPVM Projects, and exchange research ideas with potential Research Project Advisers. While formal assignment of a Research Project Adviser cannot occur prior to admission, contacts should be sufficient such that at least tentative identification of a research adviser can be made as soon after the time of admission as possible. a) **Prerequisites:** As described above.

b) **Deficiencies:**

MPVM English language competency complies with UC Davis Graduate Council policy, https://grad.ucdavis.edu/sites/default/files/upload/files/grad-council/gc2018-02_policy_on_graduate_student_course_requirements_english_as_second_language.pdf. English language deficiencies should be made up by the end of the first academic year following initial enrollment by earning a Satisfactory (e.g. Passed) grade in UWP 225 and/or UWP 226.

2) The Master's Degree in Preventive Veterinary Medicine (M.P.V.M), Plan II.

The MPVM degree requires a total of 50 units: 31 units minimum of core graduate division courses; 11 units minimum of elective courses; and 8 units minimum of research (299 or equivalent). Of the 11 units of elective courses, no more than 2 units of seminar sessions (no more than 1 unit per quarter) can be included. Elective courses may be taken at the 100 or 200 level.

The MPVM degree requires more units (50) than the UC Davis minimum requirements, which are: "36 units of graduate and upper division courses, of which at least 18 units must be graduate courses in the major field. Not more than 9 units of research (299 or equivalent) may be used to satisfy the 18-unit requirement."

The capstone requirement is fulfilled by the student completing a research project on an applied epidemiologic topic culminating in a written and oral presentation. The oral report is presented to MPVM students and faculty during a formal presentation session (offered quarterly) similar in style to a scientific conference. Typically, candidates present during Summer Session II of year 2 (following completion of coursework). A minimum of 8 academic quarter units are devoted to the research project, which corresponds to approximately 240 hours. Students who choose projects that require more than 240 hours may enroll in more than 8 units of research. Complex or lengthy research projects may increase the time to program completion. (For details on the research project, see section 8 below).

The capstone requirement is fulfilled by the written report and oral presentation of the research project.

3) Course Requirements - Core and Electives (50 units)

A. Core Courses (31 units)

Biostatistics

SPH 244	Introduction to Medical Statistics	4.0 units
SPH 245	Biostatistics for Biomedical Sciences	4.0 units
PHR 266	Applied Analytical Epidemiology	3.0 units

Epidemiology

MPM 205	Principles of Epidemiology	4.0 units
MPM 206	Epidemiologic Study Design	4.0 units
MPM 207	Applied Epidemiologic Problem Solving	1.0 units
MPM 212	Concepts and methods in infectious disease surveillance and control	3.0 units

Research Methods

MPM 200	Introduction to Information Management	1.0 units
MPM 208	Applied Research Methods: Veterinary Research: Planning and Reporting	2.0 units
MPM 209	Applied Research Methods: Scientific writing	1.0 units
299	Research	8.0 units

A minimum of 8.0 quarter units are devoted to the research project, which corresponds to approximately 240 hours. Once students have identified a project and their Research Project Advisers, they may begin enrolling in research units. The program is designed for students to take their research units in Winter and Spring of Year 1. However, students may enroll in their research units earlier with the permission of their project advisers. Similarly, students may extend their research into the summer and subsequent quarters with the approval of their Research Project Advisers and one of the Graduate Advisers.

Leadership

MPM 210	Advanced Animal/Human Health Leadership: Policy & Risk Communication	2.0 units
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Animal/Human/Ecosystem Interface

MPM 201	Emerging issues at the Interface of Animal, Human and Ecosystem Health	2.0 units
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B. Elective Courses (minimum of 11 units required)

The MPVM Program provides a quarterly list of available electives, such as the courses below. Other courses may be taken as electives with the approval of the student's Graduate Adviser. Elective courses are expected to be related to the student's research project or to some aspect of preventive veterinary medicine and population health.

ARE 176	Environmental economics	4 units
PHR 210	Epidemiological approaches to waterborne zoonotic diseases	1 unit
PHR 212	Epidemiology of the zoonoses	3 units
PMI 214	Vector-borne Infectious Diseases: Changing Patterns	2 units
PHR 220	Zoonoses of non-human primates	2 units
PHR 242	Ecological genetics	3 units
PHR 277	Mathematical models in epidemiology	3 units
PHR 452	On-farm food safety/Veterinary public health	2 units
VME 258	Infectious Disease in Ecology and Conservation	4 units
EPI 204	Statistical models, methods, and data analysis for scientists	4 units

VME 217	Evaluation of diagnostic tests	2 units
EPP 190C	Research conference in community and international health	1 unit
ECL 231	Mathematical models in population biology	3 units
ECL 233	Computational methods in population biology	3 units
ECL 242	Applied Ecological Genetics	3 units
IDI 211	Epidemiology and prevention of infectious diseases	3 units
ARE 175	Natural resource economics	4 units
EPI 220	Problems in Epidemiologic Study Design	4 units
EPI 223	Spatial Epidemiology	3 units
EPI 224	Health and Ecological Risk Analysis	3 units
EPI 226	Methods for Longitudinal and Repeated Measurement Data	3 units
EPI 229	Geographic Information Systems for Health Professionals	4 units
EPI 240	Principles of Injury Epidemiology	3 units
EPI 251	Environmental Epidemiology	3 units
EPI 252	Social Epidemiology	2 units

- C. Students who have not obtained a previous degree at an approved English-medium institution or demonstrated English-language proficiency through an appropriate exam (e.g. TOEFL) are required to complete appropriate English-language courses, as described in the policy *Graduate Student Course Requirements – English as Second Language* ([GC2018-02](#)). Courses taken in satisfaction of this requirement do not count towards the units required for graduation.

D. Summary

31 units of core coursework, a minimum of 11 units of electives, and a minimum of 8 units of research are required for a total of 50 units. Of the 11 units of elective courses, no more than 2 units of seminar sessions (no more than 1 unit per quarter) can be included. Electives may be taken at the 100 or 200 level. Electives are chosen with the approval of the Graduate Adviser.

Students must achieve a grade of at least a B-minus (2.7) in each core course AND maintain a cumulative GPA of at least 3.0 for all core courses combined AND a cumulative GPA of at least 3.0 for all courses that are applied to the MPVM degree.

Full-time students must enroll for a minimum of 12 units per quarter including research, academic, and seminar units.

Courses that fulfill any of the program course requirements may not be taken S/U unless the course is normally graded S/U. Once course requirements are completed, students can take additional classes as needed, although the 12 units per quarter are generally fulfilled with a research class (299) and perhaps seminars.

Per UC regulations students cannot enroll in more than 12 units of graduate level courses (200) or more than 16 units of combined undergraduate and graduate level (100, 200, 300) courses per quarter.

4) **Special requirements:** N/A

5) **Committees:**

a) **Executive Committee:**

The committee consists of a minimum of four faculty members of the program, a minimum of two MPVM students, the Graduate Group Chair, and the Master Adviser. The Executive Committee is the policy-making body of the MPVM Program.

b) **Curriculum Committee:**

The curriculum committee consists of three appointed members of which at least one represents the quantitative disciplines and at least one represents epidemiology. The committee also includes the Master Adviser and one non-voting MPVM student member, for a total of five members. The curriculum committee considers all aspects of education in the group.

c) **Admission and Student Affairs Committee:** *Describe the admission procedure.*

Once the completed application, all supporting material, and the application fee have been received, the application will be submitted to the Admissions and Student Affairs Committee. The Admissions and Student Affairs Committee consists of 4 graduate group faculty members. Based on a review of the entire application, a recommendation is made to accept or decline an applicant's request for admission. That recommendation is forwarded to the Dean of Graduate Studies for final approval of admission. Notification of admissions decisions will be sent by Graduate Studies. Applications are accepted on a space-available basis through June 1 for the next class, but must be received by the general deadline (January 15th) in order to receive full consideration for admission and scholarship/fellowship funding.

The Admissions and Student Affairs Committee also reviews and approves candidates for the MPVM degree as described in Section 8 (Capstone project), Evaluating performance. d)

Recruitment

The Recruitment Committee consists of a minimum of two faculty members and a non-voting MPVM student representative. The Recruitment Committee develops and carries out recruitment policies and strategies, and obtains funds from Graduate Studies to support recruitment events.

e) **Membership**

The Membership Committee consists of a minimum of two faculty members. The Membership Committee screens faculty applications for membership. The Committee also reviews on a yearly basis one third of the membership to ensure that members remain in good standing.

6) Advising Structure and Mentoring:

The student meets with the Graduate Adviser during their first quarter to develop a plan of study, which is captured by the Academic Advising Form (Appendix 1). Developing a plan of study includes discussing the student's target timeline for program completion, areas of interest for the research project, and faculty members with the potential to serve as Quantitative and Subject-matter Advisers (these two individuals serve as the Research Project Advisors). The student meets quarterly with the Graduate Adviser to discuss elective course options and progress on the research project, and to update/revise the Advising Form as needed.

The **Graduate Adviser**, who is appointed by Graduate Studies, is a resource for information on academic requirements, policies and procedures, registration information, research projects available for MPVM students, and faculty with interest and expertise to serve as Research Project Advisors. There are currently 3 Graduate Advisors, one of whom is designated as the program's **Master Advisor** and who, for example, sits on the Executive Committee.

The **Quantitative Adviser** supervises the analytic and quantitative components of the student's research project. In conjunction with the Subject-Matter Adviser, the Quantitative Adviser mentors the student through the research project and the preparation of the written project report and oral project presentation. The Quantitative Adviser (and the Subject-Matter Adviser) must approve the student's written MPVM project report before the student can present their work as an oral presentation. The student, with the assistance of the Graduate Adviser, identifies a suitable Quantitative Adviser for his/her project. For students aiming to complete in 1 year, this would typically happen in the second quarter. For students aiming to complete in 2 years, this should be done before the end of the summer (fourth quarter).

The **Subject-Matter Adviser** supervises the subject-matter of the student's research project. In conjunction with the Quantitative Adviser, the Subject-Matter Adviser mentors the student through the research project and the preparation of the written project report and oral project presentation. The Subject-Matter Adviser (and the Quantitative Adviser) must approve the student's written MPVM project report before the student can present their work as an oral presentation. The student, with the assistance of the Graduate Adviser, identifies a suitable Subject-Matter Adviser for his/her project.

The **Graduate Program Coordinator (staff)** assists students with registration information, identifying Quantitative and Subject-matter advisers, identifying available elective courses, identifying appointments, and general university policies.

The **Mentoring Guidelines** can be found in the graduate student handbook distributed at orientation, and on the web at <http://www.vetmed.ucdavis.edu/mpvm/> under Links & Information

7) Advancement to Candidacy:

Every student must file an official application for Candidacy for the Degree of Master of Preventive Veterinary Medicine (MPVM) [Form GS-314: "Candidacy for the Master's Degree – Comprehensive Exam Plan II"] and pay the candidacy fee after completing at least one-half of their course requirements and at least one quarter before completing all degree requirements; this is typically done in the fourth quarter of the student's program. The Candidacy for the Master's Degree – Comprehensive Exam Plan II form can be found online at: <http://www.gradstudies.ucdavis.edu/forms/>. A completed form includes a list of courses the student will take to complete degree requirements. If changes must be made to the student's course plan after s/he has advanced to candidacy, the Graduate Adviser must recommend these changes to Graduate Studies. Students must have their Graduate Adviser sign the candidacy form before it can be submitted to Graduate Studies. If the candidacy is approved, the Office of Graduate Studies will send a copy to: the appropriate Graduate Program Coordinator and the student. If the Office of Graduate Studies determines that a student is

not eligible for advancement, the program and the student will be told the reasons for the application's deferral. Some reasons for deferring an application include: grade point average below 3.0, outstanding "I" grades in required courses, or insufficient units.

8) Capstone Requirement: MPVM Research Project

The capstone requirement encompasses the research experience. Early in their first year, students begin to work on a research project of their choosing that involves synthesis and application of preventive veterinary medicine principles. The research project involves a minimum of 240 hours (8 units) of effort. It includes supervision and mentorship by two Research Project advisers with quantitative and subject-matter expertise in the student's topic. Students who choose projects that require more than 240 hours may enroll in more than 8 units of research. Complex or lengthy research projects may increase the time to program completion. Lengthy research projects are typically those where the student collects their own data (through fieldwork or laboratory work) rather than starting with an existing data set. The capstone culminates in 1) a written report of the research project, and 2) presentation of the research project at a quarterly MPVM scientific presentation session.

The intent of the research project is to develop skills in the design and conduct of field research and data analysis. The project can be designed to uncover facts, or it can involve the development of an educational or disease control program. The research report must represent a careful and systematic study involving a population health topic.

The written report

The research project report is written under the guidance of two Research Project advisers (Quantitative Adviser and Subject-Matter Adviser), at least one of whom must be a member of the graduate group. The project report should be of publishable quality and formatted in the style of a journal to which it could potentially be submitted. The student is not eligible for participation in a quarterly MPVM scientific presentation session until both the Quantitative and Subject-Matter Advisers have signed the title page of the report, indicating that they find the report acceptable. Once the title page is signed, the report is submitted to the Graduate Group Chair and the Graduate Group Coordinator. The Chair identifies an individual to critically review the report as one would a scientific manuscript sent for peer review; this individual is designated as the Outside Reviewer, and is typically a faculty member of the graduate group, an affiliate of the graduate group, or a faculty member of the university who is an expert in one or more components of the comprehensive research project. The Outside Reviewer is asked to attend the quarterly MPVM scientific presentation, and to provide their written critiques of the report to the student prior to the scientific presentation.

The student, in consultation with his/her Quantitative and Subject-Matter Advisers, is expected to respond point-by-point to the critiques of the Outside Reviewer and submit their critique response along with a final version of their Comprehensive Research Project Report (incorporating any changes made in response to the Outside Reviewer critique) to the Graduate Group Chair. The timeline for this process is that the student must submit to the program their title and Research Project Advisor names 1 month prior to the presentation date for that quarter. Ten days prior, they must submit their draft which is then sent to the Outside Reviewer. The student has one week after the presentation to submit written comments back to address the Outside Reviewer.

The oral presentation

The capstone culminates in presentation of the research project at a quarterly MPVM scientific presentation session in standard scientific format. This allows the student to showcase his or her abilities and competencies in preventive veterinary medicine, including oral and written communication. The oral presentation is made before an audience of fellow students, faculty, and others. Part of the oral presentation involves addressing questions that arise from the audience.

Evaluating performance

The scope of the capstone requirement is the candidate's research project work demonstrating their ability to apply principles learned in coursework to a relevant epidemiologic topic, their ability to orally present their work and respond to audience questions, and their ability to address and respond to critiques of their project report.

By the time the student presents his/her research project, the project and written report have been approved by the two Research Project Advisers, the oral presentation has been evaluated by the two Research Project Advisers, and the student has additionally received detailed feedback from the outside reviewer. Thus, by the time the student makes his or her formal presentation, he or she has had significant practice and feedback.

In consultation with one of the Graduate Advisers, the Graduate Group Chair reviews evaluative information from the two Research Project Advisers and the outside reviewer; faculty member feedback from the oral presentation; Research Project Adviser feedback from the written response to the outside reviewer critiques; and his/her own observations to assess the student's success in completing the capstone requirement. The student is simply given the information that they have been recommended for conferral of the degree (pass) or not. Students not completing the capstone requirement satisfactorily may be given a second opportunity to complete the capstone experience at the recommendation of the MPVM Admissions and Student Affairs Committee but only if the Graduate Adviser concurs with the committee. They would receive information as to what was deficient in the first attempt verbally from their Graduate Advisor. The second opportunity must take place within one quarter of the first attempt (not including summer terms) The format of the second capstone requirement is the same as that of the first: they must give a second oral presentation and they may be required to submit an amended version of the comprehensive research project report. The capstone requirement may not be repeated more than once. A student who does not pass on the second attempt will be recommended for disqualification from further graduate work in the program.

Once all degree requirements are met, the candidates for graduation are forwarded to the MPVM Admissions and Student Affairs Committee for review. Those determined to have passed as described above will receive a signature from their Graduate Adviser and the Chair of the Admissions and Student Affairs Committee (or designee) on the Plan II pass report. Once signed, the Master's Report Form is forwarded to the Office of Graduate Studies. The deadlines for completing this requirement are listed each quarter in the campus General Catalog (available online at the website of the Office of the Registrar). A candidate must be a registered student or in Filing Fee status at the time the program submits the form, with the exception of the summer period between the end of the Spring Quarter and the beginning of Fall Quarter. The program must file the report with Graduate Studies within one week of the end of the quarter in which the student's degree will be conferred.

Timing

Submission and presentation of the research project is the last requirement of the M.S. Plan II. A student may complete the capstone requirement once they have advanced to candidacy. The capstone requirement should be completed at or near the end of the coursework for the Master's degree. A student typically completes the capstone requirement in the same quarter as or after the end of the coursework for the Master's degree; for most students, the capstone requirement is completed at the end of the 5th quarter.

9) Normative Time to Degree:

The normative time for the MPVM degree is Fall, Winter, Spring and an additional summer session or academic quarter. Students are expected to advance to candidacy by Spring quarter of their first year. Normative Time in Candidacy is 1-2 quarters. Students lacking some minimum qualifications such as fluency in English may take the program over 2 years, with an emphasis on coursework to address deficits in year 1. Optionally, students with more extensive research projects may elect a 2-year program as well. Dual degree students will add one year to the 4-year DVM curriculum, typically between DVM years 2 and 3.

10) Typical Time Line and Sequence of Events:

One-year plan (Normative)

Year One	Fall	Winter	Spring (Advancement to MS candidacy at the end of the quarter)
	SPH 244 or equivalent (4.0) MPM 205 (4.0) MPM 208 (2.0)	SPH 245 or equivalent (4.0) MPM 206 (4.0) MPM 209 (1.0)	PHR 266 or equivalent (3.0) Electives optional Research (8.0)
	MPM 201 (2.0) MPM 200 (1.0) MPM 210 (2.0) Electives optional (2.0)	MPM 207 (1.0) MPM 212 (3.0) Electives optional (3.0) Research optional (2.0)	
	Total units: no more than 16	Total units: no more than 16	Total units: no more than 16
Year Two	Fall (Complete Comprehensive Exam)	Winter	Spring

Two-year plan (option for International students, students choosing research projects requiring data collection, or students interested in additional elective courses)

Year One	Fall	Winter	Spring
	SPH 244 (4.0) MPM 205 (4.0) MPM 208 (2.0) Electives optional or UWP 225 (4.0) MOM 200 (1.0)	SPH 245 (4.0) MPM 206 (4.0) MPM 209 (1.0) Electives optional or UWP 226 (4.0)	PHR 266 (3.0) Electives optional Research
	Total units: no more than 16	Total units: no more than 16	Total units: no more than 16
Year Two	Fall	Winter (Advancement to Candidacy at the end of the quarter)	Spring (Complete Comprehensive Examination at end of Spring or Summer)
	MPM 201 (2.0) MPM 210 (2.0) Electives optional Research	MPM 212 (3.0) MPM 207 (1.0) Electives optional Research	
	Total units: no more than 16	Total units: no more than 16	Total units: no more than 16

Two-to-three year plan for International students with English deficiencies at admission

Year One	Fall	Winter	Spring
	UWP 225 (4.0) UWP 96 (1.0-5.0) Seminar courses(3.05.0)	UWP 226 (4.0) UWP 391 (3.0) Seminar courses (5.0)	UWP 96 and/or 391 as needed (6.0) Electives optional (4.0) Seminar courses (2.0)
	Total units: 12	Total units: 12	Total units: 12
Year Two	Fall	Winter	Spring (Advance to candidacy at end of quarter if MPM 201, 210, 212, and 207 completed)
	SPH 244 (4.0) MPM 205 (4.0) MPM 208 (2.0)	SPH 245 (4.0) MPM 206 (4.0) MPM 209 (1.0)	PHR 266 (3.0) Electives optional Research (8.0)
	Elective course or MPM 201 Elective course or MPM 210 MPM 200 (1.0)	Elective course or MPM 212 Elective course or MPM 207	
	Total units: no more than 16	Total units: no more than 16	

Year Three	Fall (Complete Comprehensive Examination if advanced to candidacy)	Winter (Advancement to Candidacy at the end of the quarter)	Spring (Complete Comprehensive Examination at end of Spring or Summer)
	MPM 201 (2.0) MPM 210 (2.0) Electives optional Research	MPM 212 (3.0) MPM 207 (1.0) Electives optional Research	
	Total units: no more than 16	Total units: no more than 16	

Five year plan for Dual MPVM/DVM degree

Year One	Fall	Winter	Spring
	DVM	DVM	DVM
	Total units: 0 toward MPVM	Total units: 0	Total units: 0
Year Two	Fall	Winter	Spring
	DVM	DVM	DVM
	Total units: 0 toward MPVM	Total units: 0	Total units: 0
Year Three	Fall	Winter	Spring
	SPH 244 (4.0) or equivalent MPM 205 (4.0) MPM 208 (2.0) Elective course or MPM 201 (2.0) MPM 210 (2.0) MPM 200 (1.0)	SPH 245 (4.0) or equivalent MPM 206 (4.0) MPM 209 (1.0) MPM 212 MPM 207	PHR 266 (3.0) or equivalent Electives Research (8.0) Complete research and comprehensive exam during research time in DVM if needed
	Total units: no more than 16	Total units: no more than 16	Total units: no more than 16
Year Four	Fall	Winter	Spring
	DVM	DVM	DVM
	Total units: 0 toward MPVM	Total units: 0	Total units: 0

Year Five	Fall	Winter	Spring
	DVM	DVM	DVM
	Total units: 0 toward MPVM	Total units: 0	

11) Sources of funding

The MPVM program does not guarantee financial support to students. Financial aid is available to US citizens or permanent US residents; students need to file a FAFSA and should update it each year. Fellowships are available and are offered to incoming students as part of their admission offer; distribution of these fellowships is determined by the Admissions and Student Affairs Committee, and does not require a separate application.

Students can look for a teaching assistantship or graduate student research position, but these positions are offered by individual departments and are not guaranteed to the students.

12) PELP, In Absentia and Filing Fee status.

Information about PELP (Planned Educational Leave), In Absentia (reduced fees when researching out of state), and Filing Fee status can be found in the Graduate Student Guide:

<http://www.gradstudies.ucdavis.edu/publications/>

Appendix 1: Master of Preventive Veterinary Medicine Program Academic Advising Form

Student: _____ Estimated date of completion (month/year): _____

Graduate Advisor: _____ Area of Interest: _____

MPVM Project title (Provisional): _____

Project Subject Advisor: _____ Project Quantitative Advisor: _____

Program requirements: 31 units core courses; 8 units research; 11 units elective courses

TERM YEAR	COURSE No.	TITLE	UNITS
Fall	_____ SPH 244	Introduction to Medical Statistics	4.0
	_____ MPM 205	Principles of Epidemiology	4.0
	_____ MPM 201	Ecosystem Health	2.0
	_____ MPM 208	Veterinary Research: Planning & Reporting	2.0
	_____ MPM 210	Animal/human Health Leadership	2.0
	_____ MPM 200	Intro to Information Management	1.0
	_____ _____	_____	_____
Winter	_____ SPH 245	Biostatistics for Biomedical Sciences	4.0
	_____ MPM 206	Epidemiologic Study Design	4.0
	_____ MPM 209	Scientific Writing	1.0
	_____ MPM 207	Epidemiologic Problem-Solving	1.0
	_____ MPM 212	Infectious Disease Epidemiology	3.0
	_____ _____	Research	_____
	_____ _____	Research	_____
Spring	_____ PHR 266	Applied Analytical Epidemiology	3.0
	_____ MPM 299	Research	_____
	_____ MPM 299	Research	_____
	_____ _____	_____	_____
	_____ _____	_____	_____
	_____ _____	_____	_____
	_____ _____	_____	_____

Total elective course units: _____

Student signature:_____

Date: _____

Graduate Advisor signature:

Date: _____