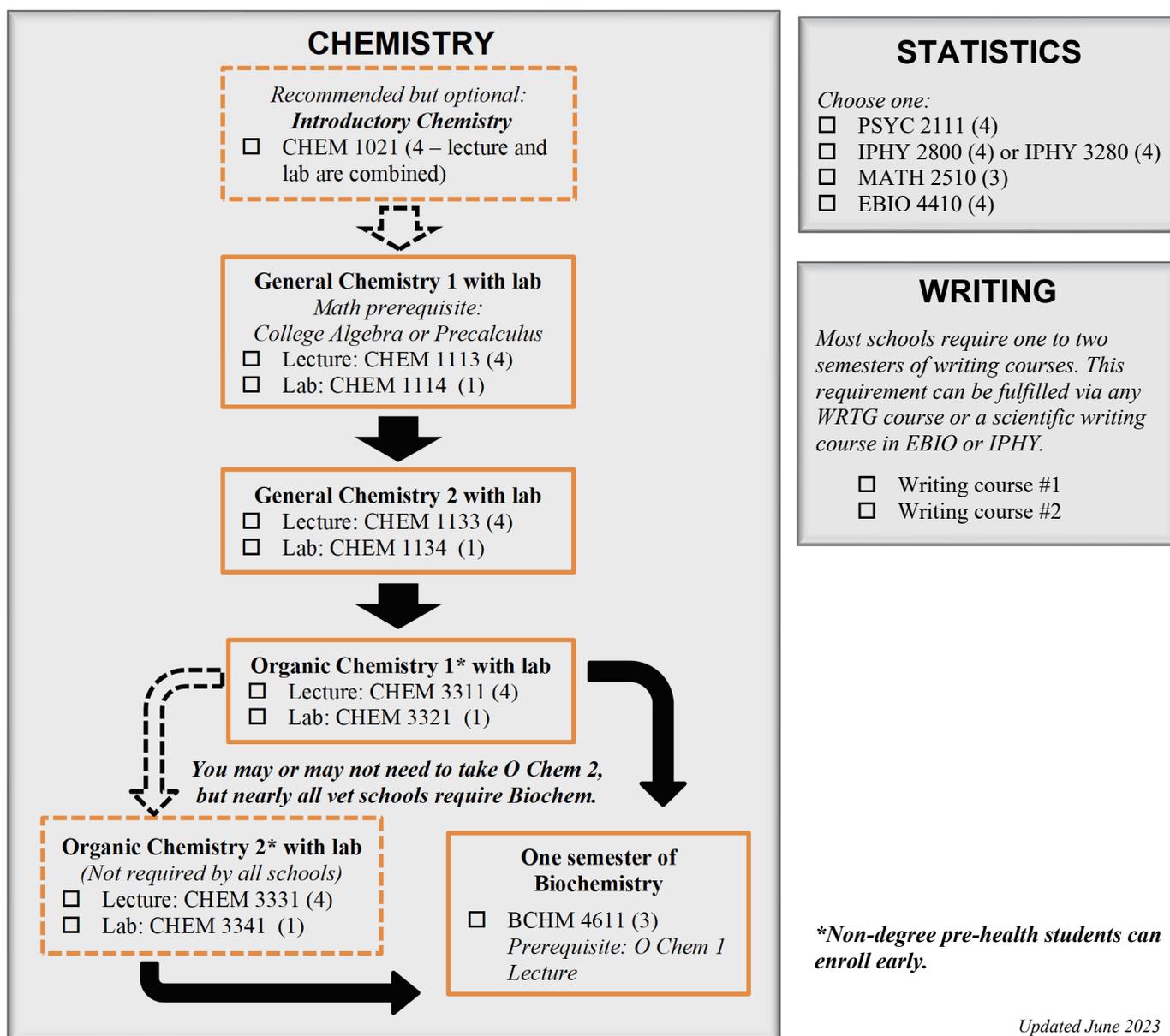


Veterinary Medicine: Common Prerequisites

- **The course prerequisites for admission vary among veterinary schools.** For your convenience, we have listed the most common prerequisite courses below. As you identify the veterinary schools that interest you, you will need to make a list of the specific prerequisites for the schools to which you'd like to apply.
- You may find it useful to refer to the **AAVMC's Summary of Course Prerequisites**, which comes up easily in an internet search. It is updated annually and provides a comparison chart and school-by-school summary of prerequisites.
- **AP/IB Credit:** Some but not all veterinary schools accept AP or IB credit to meet program prerequisites. If you earned AP or IB credit for any of the common prerequisite courses, refer to the **VMCAS College Descriptor Pages** to check on this policy at each of your schools of interest.
- **Community college courses, online courses:** Not all veterinary schools accept prerequisites taken at a community college. Some schools accept non-science coursework taken at a community college but require science prerequisites to be completed at a four-year school. Most are hesitant to accept prerequisites taken in an *online* format, so check with each of your schools of interest before completing any prerequisites online.
- **Most DVM programs schools require a C or above in all prerequisites**, but if you earn below a B in a science prerequisite course, we strongly recommend repeating that course to master the material.



**Non-degree pre-health students can enroll early.*

Biology Option 1

General Biology 1, with lab

- Lecture: EBIO 1210 (3)
- Lab: EBIO 1230 (1)



General Biology 2, with lab

- Lecture: EBIO 1220 (3)
 - Lab: EBIO 1240 (1)
- Not a required pre-req for Genetics*



Genetics

Required at many schools, including CSU

Choose one:

- EBIO 2070 (4) or
- MCDB 2150 (3)



Cell Biology

- Required pre-requisite: EBIO 2070 or MCDB 2150
- MCDB 3145 (3)

Biology Option 2

Intro to Cellular and Molecular Bio lecture

- MCDB 1150 (3)



MCDB Genetics lecture

- MCDB 2150 (3)



2 credit hours of first-year biology labs: *Choose one:*

- MCDB 1151 (1) and MCDB 2151 (1)
- MCDB 1161 (2)
- MCDB 1171 (2)
- MCDB 1181 (2, same as IPHY 1181)
- MCDB 2171 (2)



Cell Biology

- Required pre-requisite: EBIO 2070 or MCDB 2150
- MCDB 3145 (3)

PHYSICS Option 1

(This is the recommended Physics sequence for pre-health students, unless your major requires the other sequence)

Algebra-Based Physics 1, with lab

Math prerequisite: high school algebra and trigonometry (both are covered in Precalculus)

- PHYS 2010 (5 – lecture and lab are combined)



Algebra-Based Physics 2, with lab

(Physics 2 is required at most, but not all, schools)

- PHYS 2020 (5 – lecture and lab are combined)

PHYSICS Option 2

Calculus-Based Physics 1

Math corequisite: Calculus 1

- PHYS 1110 (4 – lecture only)



Calculus-Based Physics 2

Math corequisite: Calculus 2

- PHYS 1120 (4 – lecture only)



Experimental Physics 1

This is the only lab needed if you complete this entire physics sequence.

- PHYS 1140 (1)

The prerequisites listed below are less commonly required. Look up school-specific requirements to determine if you need to take any of them.

COLLEGE MATHEMATICS, IN ADDITION TO STATISTICS

Some schools specifically require one or more of the following:

College Algebra

- MATH 1011 (3)

Precalculus

- MATH 1150 (4) -Or

Calculus 1

- MATH 1300 (5)

PUBLIC SPEAKING

- COMM 1300 (3)

MICROBIOLOGY

- Lecture: EBIO 3400 (3)
- Lab: EBIO 3410 (1)

ANATOMY*

- Lecture: IPHY 3410 (3)
- Lab: IPHY 3415 (2)

Notes:

- CU Boulder only offers Human Anatomy
- Lab may not be required, but we recommend taking it to help you master the material.

IMMUNOLOGY

During the fall and spring semesters, the courses below are restricted to IPHY and MCDB majors, respectively. If you have a different major, you may take the IPHY 4600 course in the summer.

Choose one:

- IPHY 4600 (4) or
- MCDB 4300 (3)

ANIMAL NUTRITION or ANIMAL SCIENCE

Not taught at CU Boulder, but online options are available through Colorado State University, Kansas State University, Oklahoma State University, and University of Kentucky

PHYSIOLOGY*

*Prerequisite: Anatomy lecture
Required by CSU's DVM Program*

- Lecture: IPHY 3430 (4)

Note: CU Boulder only offers Human Physiology

****Non-degree pre-health students can enroll early.***