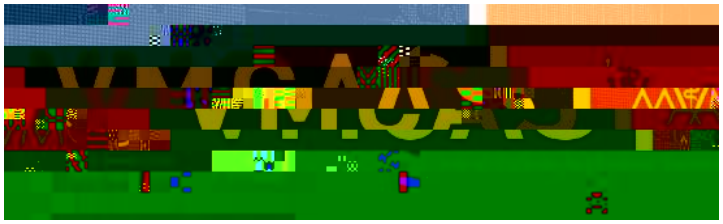

Summary of Course Prerequisites

For A

The Summary of Course Prerequisites is designed to supplement admission information provided by each institution. The colleges to which you apply may have additional requirements not summarized in this table. Contact each institution to which you wish to apply for additional information. This table is for use in 2020 for 2021 matriculation only and is subject to change. Please direct all questions regarding course prerequisites directly to the institution.

Association of American Veterinary Medical Colleges
655 K Street NW, Suite 725
Washington, DC 20001

(Please check www.aavmc.org for updates)

Summary of Course Prerequisites:

Atlantic Veterinary College of Prince Edward Island

Courses
Animal Biology 1
Animal Biology 2
Animal Biology 3
Genetics
Mathematics 1
Mathematics 2 (Statistics)
Chemistry 1
Chemistry 2
Chemistry 3 (Organic Chemistry)
English (Composition)
10 Electives

The following prescribed Science courses must have a laboratory component in order to be accepted: Animal Biology 1, Animal Biology 2, Animal Biology 3, Chemistry 1, Chemistry 2, Chemistry 3 (Organic Chemistry).

Louisiana State University

Courses (Semester Hours)
General Biology (lab required) (8)
Microbiology (lab required) (4)
Physics (6)
General Chemistry (lab required) (8)
Organic Chemistry (3)
Biochemistry (3)
English Composition (6)
Mathematics (5)
Electives (23)

Massey University

No Prerequisite courses submitted
Please see https://www.massey.ac.nz/

Michigan State University

Courses (Semester Hours)
English Composition (3)
Social and Behavioral Sciences (6)
Humanities (6)
General Chemistry (lab required) (8)
Organic Chemistry I (lab required) and Organic Chemistry II (6)
Biochemistry (upper division) (3)
General Biology I (lab required) and General Biology II (8)
College Algebra and Trigonometry OR Pre-Calculus OR Calculus (3)
College Physics I (lab required) and College Physics II (lab required) (8)
Upper Lever Biology Elective Course (3)

Midwestern University

Courses (Semester Hours)
Biology (8)
Biochemistry (3)
General Chemistry (8)
Organic Chemistry (lab required) (8)
Mathematics (6)
Physics with lab (4)
English Composition (6)
Science Electives (8)
*A minimum of 64 total semester hours/96 quarter hours required.

Mississippi State University

Courses (Semester Hours)
English Composition and/or Academic Writing (6)
Speech or Technical Writing (3)
Mathematics (college algebra or higher) (6)
General Biology (labs required) (8)
Microbiology (lab required) (4)
General Chemistry (labs required) (8)
Organic Chemistry (lab required) (8)
Biochemistry (3)
Physics (may be trigonometry based) (6)
Advanced (upper level) Science Electives (12)*
Humanities/Fine Arts/Social Sciences/Behavioral Electives (15)
*Upper level science electives are courses 300 and above.

**The above information is subject to change. Please contact us or visit our website for the most updated information. **

Murdoch University

There are no pre-requisites to enter into the first year of the integrated BSc/DVM degree. Completing acceptable equivalent units to our first year, including chemistry, statistics and data analysis, introductory animal anatomy and physiology, cell and molecular biology and vertebrate structure and functid32.7u et7u ebid32.6 (d)5rym0r

University of Arizona

Courses

Biology (6 credit hours required)
Chemistry (6 credit hours required)
Physics or Biophysics (6 credit hours required)
Biochemistry or Organic Chemistry (6 credit hours required)
Algebra/Trigonometry/Calculus/Pre-Calculus/or Statistics (3 credit hours required)

University of Georgia

University of Montreal

Courses (Level)
Physics (101, 201, 307-718)
Chemistry (101, 201, 202)
Biology (301, 401)
Mathematics (including calculus) (103, 203)

University of Pennsylvania

Courses (Semester Hours)
English (must include 3hr in composition) (6)
Physics (lab required) (8)
Chemistry – General (8)
Chemistry – Organic (4)
*(Chemistry requires at least 1 lab in General or Organic Chemistry)
Biology (covering basic genetics & cell biology) (9)
Biochemistry (3)
Microbiology (3)
Humanities or Social Sciences (6)
Calculus & Statistics (any intro stats course) (6)
Electives (37)

University of Saskatchewan

Courses (Semester Hours)
English (6) (at least one course must include literature component)
Physics (3) (lab required)
Biology (6) (lab required)
Genetics (3)
Introductory Chemistry (6) (lab required)
Organic Chemistry (3)
Mathematics or Statistics (6)
Biochemistry (3)
Microbiology (3)
Electives (21)

University of Sydney

Applicants must have successfully completed one semester of study in general chemistry (physical and inorganic), organic chemistry, biology and biochemistry at bachelor's degree level to be eligible for entry.

University of Tennessee

Courses (Semester Hours)
General Inorganic Chemistry (lab required) (8)
Organic Chemistry (lab required) (8)
General Biology/Zoology (lab required) (8)
Cellular/Molecular Biology (upper level course preferred) (3)
Genetics (3)
Biochemistry (upper level), exclusive of laboratory (4)
Physics (lab required) (8)
English Composition (6)
Social Sciences/Humanities (18)
Applicants are strongly encouraged to complete additional biological and physical science courses, especially comparative anatomy, mammalian physiology, microbiology with laboratory, and statistics.

University of Tokyo

No Prerequisite courses submitted (http://www.u-tokyo.ac.jp/en/index.html)

University of Veterinary Medicine and Pharmacy in Kosice

6-year GVM study program – none.
For 4-year post BSc GVM study program – Completion of specified subjects during the first level of higher education studies (Biology, Chemistry and Biophysics) – upon approval of the UVMP Management, courses of Chemistry and Biochemistry and/or Biophysics can be completed during the first year of study at UVMP in Košice.