



Summary of Course Prerequisites

For All AAVMC Member Institutions for 2019 Matriculation

UPDATED AS OF March 8, 2018

Updates: [See Change Log: Page 13](#)

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 2018 for 2019 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)

Contents [\(click on name in listing for details\)](#)

Summary of Course Prerequisites:	4
Adelaide, University of	5
Auburn University	5
Calgary, University of	5
California – Davis, University of	5
Central Luzon University	5
Colorado State University	5
Copenhagen, University of	6
Cornell University	6
Edinburgh, University of	6
Florida, University of	6
Georgia, University of	6
Glasgow, University of	6
Guelph, University of	7
Illinois - Urbana, University of	7
Iowa State University	7
Kansas State University	7
Lincoln Memorial University	7
Louisiana State University	7
Massey University	8
Melbourne, University of	8
Michigan State University	8
Midwestern University	8
Minnesota, University of	8

Mississippi State University	9
Missouri, University of	9
Montreal, University of	9
Murdoch University	9
North Carolina State University	9
Ohio State University, The	9
Oklahoma State University	10
Oregon State University	10
Pennsylvania, University of	10
Prince Edward Island, University of	10
Purdue University	10
Queensland, University of	10
Ross University School of Veterinary Medicine	11
Royal Veterinary College	11
Saskatchewan, University of	11
Seoul National University	11
St. George's University	11
St. Matthews University	11
Sydney, University of	12
Tennessee, University of	12
Texas A&M	12
Tokyo, University of	12
Tufts University	12
Tuskegee University	12
University of Mexico (UNAM)	12

Universiteit Utrecht13
University College - Dublin13
VetAgro Sup.....13
Virginia / Maryland Regional College.....13
Washington State University.....13

Western University of Health Sciences.....13
Wisconsin, University of14
CHANGE LOG – 2017/201814

Summary of Course Prerequisites:

Adelaide, University of

Prerequisites for Bachelor of Science (Veterinary Bioscience) program include SACE Stage 2 Chemistry (or equivalent) and SACE Stage 2 Mathematical Methods (or equivalent). Prerequisite for Doctor of Veterinary Medicine program include a Bachelor of Science (Veterinary Bioscience) at the University of Adelaide or equivalent. For further information please contact avs_enquiries@adelaide.edu.au.

Auburn University

Courses (Semester hours)

Written Composition # (6)

Literature* # (3)

Fine Arts # (3)

Humanities/Fine Arts Electives # (6)

History* # (3)

Social/Behavioral Science Electives # (9)

Mathematics – pre-calculus with trigonometry # (3)

Biology I (lab required) (4)

Biology II (lab required) (4)

Cell Biology*** (3)

Fundamentals of Chemistry (lab required) (8)

Organic Chemistry 1 (lab required); Organic Chemistry 2 (6)

Physics I (4)

Biochemistry (3)

Science Electives** (6)

Animal Nutrition ## (3)

* Students must complete a 6-semester-hour sequence either in literature or in history.

** Science electives must be two of the following: genetics, microbiology, physics II, comparative anatomy, histology, reproductive physiology, mammalian or animal physiology, parasitology, embryology or immunology.

*** The cell biology course, beyond an introductory biology course, should focus on the molecular biology of cells, membranes, cytoplasm, and organelles as well as energy, transport, motility, cell division, signaling, transcription, and translation.

Microbiology, genetics, physiology, or other courses may not be used to fulfill the cell biology requirement.

These requirements will be waived if the student has a bachelor's degree.

Animal nutrition must focus on large animal, small animal, monogastric, and ruminant species. Credit will be awarded for a web-based or correspondence course.

Calgary, University of

Two Introductory Biology Courses (labs required)

Two Introductory Chemistry Courses (labs required)

One Introductory English Course (must contain a writing component)

One Introductory Organic Chemistry Course (lab required)

One Introductory Statistics Course

One Introductory Biochemistry Course (lab optional)

One Introductory Genetics Course (lab optional)

One Introductory Ecology Course (lab optional)

California – Davis, University of

Courses (Semester/Quarter Hours)

General Chemistry (lab required) (2/3)

Organic Chemistry (lab required) (2/2-3)

Physics (2/2-3)

General Biology (lab required) (2/3)

Systemic Physiology* (1-2)

Biochemistry (bioenergetics and metabolism)* (1-2)

Genetics (genes and gene expression)* (1-2)

Statistics (1)

*Courses must be taken at the upper division level at a four-year university.

Central Luzon State University

No Prerequisite courses submitted

<http://clsucvsm.edu.ph/index.php/programs/admission-requirements>

Colorado State University

Courses (Semester Hours)

Biochemistry (that requires organic chemistry) (3)

Genetics (that requires biology) (3)
Physics (lab required) (4)
Statistics (3)
Laboratory associated with a biology course (1)
Laboratory associated with a chemistry course (1)
English Composition (or completion of 4 year degree) (3)
Social Sciences and Humanities (12)
Electives (30)
Upper level biomedical science electives recommended

Copenhagen, University of

No Prerequisite courses submitted

[\(http://healthsciences.ku.dk/education/exchange_quest_students/\)](http://healthsciences.ku.dk/education/exchange_quest_students/)

Cornell University

Courses (Semester Hours)

English Composition / Writing-Intensive Courses (6)
Biology or Zoology (labs required) (6)
Physics (labs required) (6)
Inorganic (or general) Chemistry (lab required) (6)
Organic Chemistry (lab recommended) (3)
Biochemistry (half year required, full year recommended) (4)
Advanced Life Sciences Course (lab recommended) (3)
Non-prerequisite elective credits needed (26)

Edinburgh, University of

Applicants are required to complete certain prerequisite courses for the program, including: Organic Chemistry; Inorganic Chemistry; Biochemistry; Biology/Zoology; Physics; Mathematics/Statistics. Also highly recommended are: Genetics, Microbiology, and Cellular Biology. Candidates for the 4-year Graduate Entry Program should have a minimum GPA of 3.4 (4 point scale); high grades are expected in all the prerequisite subjects listed above.

Florida, University of

Courses (Semester Hours)

Biology (general, genetics, microbiology) (15)
Chemistry (inorganic, organic, biochemistry) (19)
Physics (8)
Mathematics (statistics) (3)
Humanities (9)
Social Sciences (6)
English (2 courses in English composition) (6)
Applicants are strongly encouraged to enroll in challenging upper level science courses such as calculus, animal science, animal nutrition, anatomy and physiology to demonstrate the capacity of students to handle the rigorous requirements of the veterinary program.

Georgia, University of

Courses (Semester Hours)

English (writing intensive) (6)
Humanities or Social Studies (14)
General Chemistry** (lab required) (8)
Organic Chemistry** (lab required) (8)
Physics** (lab required) (8)
Biochemistry (3)
General Biology** (lab required) (for science majors) (8)
Advanced Biological Science* (8)

** 300/3000 level or higher biology courses with general biology as a prerequisite. Nutrition, behavior and ecology courses typically do not count towards this requirement. Recommended courses: comparative anatomy, microbiology, cell biology, or genetics. It is best practice to contact our office (dvmadmit@uqa.edu) in order to verify if a course meets our Advanced Biology requirement.*

*** UGA CVM will not accept online courses for any science prerequisite that requires a laboratory.*

Glasgow, University of

Applicants are expected to have completed at least 2 years pre-veterinary or science courses at College or University, with a minimum of one year in Chemistry (including organic chemistry and organic chemistry lab), biology, or biochemistry and either physics, maths or statistics. We would expect

high grades in all science subjects. US applicant should have a minimum 3.4 GPA (4 point scale), and to have achieved at 3.0 in Science.

Guelph, University of

Courses (Credit Hours)

Biology (one must have cell biology content) (9)

Biochemistry (3)

Statistics (3)

Genetics (3)

Humanities/Social Sciences* (6)

* Consider topics such as ethics, logic, critical thinking, determinants of human behavior and human social interaction.

Illinois - Urbana, University of

Courses (Semester Hours)

With bachelor's degree, only the following three course series are required:

Biological Science (lab required) (8)

Chemical Sciences (lab required) (16)

Physics (lab required) (8)

Without bachelor's degree, all above must be taken as well as the following:

English Composition (3), Speech/Communication (3), Humanities/Social Science (12), Junior/Senior/Graduate Level Science courses (12)

Iowa State University

Courses (Semester Hours)

General Chemistry - 1 year series (lab required) (7)

Organic Chemistry - 1 year series (lab required) (7)

Biochemistry (3)

Biology - 1 year series (labs required) (8)

Genetics (upper level Mendelian and molecular) (3)

Mammalian Anatomy/Physiology – all systems (3)

Oral Communication (interpersonal, group or public speaking) (3)

English Composition (6)

Humanities/Social Sciences (8)

Physics (Physics 1 – first semester of a 2 semester series with mechanics) (4)

Electives (8)

Kansas State University

Courses (Semester Hours)

Expository Writing I and II (6)

Public Speaking (2)

Chemistry I and II (8)

General Organic Chemistry (lab required) (5)

General Biochemistry (3)

Physics I and II (8)

Principles of Biology or General Zoology (4)

Microbiology (lab required) (4)

Genetics (3)

Social Science and/or Humanities (12)

Electives (9)

Lincoln Memorial University

Course Requirements (Semester/Quarter Hours)

General Biology (lab required) (8/12)

Genetics (3/4)*

Biochemistry (3/4)

Upper Division Science Electives** (8/12)

Organic Chemistry (lab required) (6/9)

General Chemistry (lab required) (6/12)

Physics (3/4)

English (3/4)

Social and Behavioral Sciences (3/4)

*Animal breeding/reproduction courses must be approved by LMU-CVM

** Upper division courses (300 level or higher) may include Anatomy, Animal Science, Cell Biology, Immunology, Microbiology, Molecular Biology, Physiology, Virology

Louisiana State University

Courses (Semester Hours)

General Biology (8)

Microbiology (lab required) (4)

Physics (6)

General Chemistry (8)

Organic Chemistry (3)

Biochemistry (3)
English Composition (6)
Speech Communication (3)
Mathematics (5)
Electives (20)

Massey University

Applicants are required to have completed at least two full years of full-time, largely science-based university education, and have passed classes equivalent to the 4 standard Massey University veterinary prerequisite classes. The following list is a guideline of what would likely be equivalent, but the actual hours may vary for your institution. If you are unsure of whether or not your completed study will meet our prerequisites, please contact us at: vetschool@massey.ac.nz

Courses (Semester Hours)

General Chemistry (labs required) (6)
Organic Chemistry (lab required) (3)
General Biology (lab required) (6)
Zoology or Animal Biology (lab required) (3)
Cellular Biology* (lab required) (3)
Physics (lab required) (6)

** Molecular Biology, genetics or microbiology may in some cases be substituted for cellular biology*

Melbourne, University of

Entrance to the DVM as a graduate: Applicants will require a science degree from the University of Melbourne or another institution. Examples of appropriate degrees include Bachelor's degrees with majors in: Agriculture, Animal Science, Biochemistry, Biomedicine, Physiology, or Zoology. Prerequisites for entry as a graduate are at least one semester of study in each of general or cellular biology and biochemistry as part of a science or agricultural degree.

<http://futurestudents.unimelb.edu.au/info/international>

Michigan State University

Courses (Semester Hours)

English Composition (3)

Social and Behavioral Sciences (6)
Humanities (6)
General Inorganic Chemistry (lab required) (3)
Organic Chemistry (lab required) (6)
Biochemistry (upper division) (3)
General Biology (lab required) (6)
College Algebra and Trigonometry (3)
College Physics (lab required) (8)
Upper Division Biology 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)

*Minimum of 64 total semester hours/96 quarter hours required.

Minnesota, University of

Courses (Semester Hours)

English (2 courses) (6)
College Algebra, Pre-Calculus or Calculus (3)
General Chemistry (labs required) (2 courses, plus 2 labs) (6)
Organic Chemistry (3)
Biochemistry (3)
General Biology (lab required) (3)
Zoology (lab required) (3)
Genetics (3)
Microbiology (lab required) (3)
Physics (2 courses) (6)
Liberal Education (3 courses) (9)
Statistics (3)

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 (labs required) (8)*

Biochemistry (3)

Physics (may be trigonometry-based) (6)

Advanced (upper-level) Science Electives (12)

Humanities/Fine Arts/Social Sciences/Behavioral Electives (15)

**indicates requirement of a minimum 6 hours of lecture and 2 hours of laboratory*

Missouri, University of

Courses (Semester Hours)

English or Communication (6)

College Algebra or higher Math (3)

Physics (5)

Biological Sciences (not animal science courses) (10)

Humanities/Social Sciences (10)

Biochemistry with Organic Chemistry Prerequisite (3)

Electives (10)

Montreal, University of

Courses (Level)

Physics (101, 201, 301–78)

Chemistry (101, 201, 202)

Biology (301, 401)

Mathematics (including calculus) (103, 203)

Murdoch University

Students who have completed one or more years of tertiary study and who have satisfied the appropriate prerequisites are eligible to apply for entry into second year of the 5 year program. Currently, prerequisites includes

units in: Chemistry; Statistics & Data analysis; Introductory animal anatomy and physiology; Cell and molecular biology and Vertebrae structure and function; plus a unit that explores the basic building blocks for science students and another that introduces the history and philosophy of science and the interconnected nature of scientific disciplines. Principles of livestock science in an Australian context is also a prerequisite.

North Carolina State University

Courses (Semester Hours)

Animal Nutrition (3)

Biochemistry (3)

Biology (4)

Chemistry, General (8)

Chemistry, Organic (8)

English Composition, Communications or Public Speaking (6)

Humanities/Social Sciences (6)

Microbiology (4)

Physics (8)

Statistics (3)

Genetics (4)

Ohio State University, The

Courses (Semester Hours – may vary*)

Biochemistry (4)

Microbiology (lab required) (4)

Physiology (5)

Public Speaking (communication) (3)

Science Electives (35)

Humanities/Social Science Electives (16)

**The number of hours provided is a guideline. In assessing course content for equivalency, actual hours may vary for your institution. In some cases a multiple course series may be needed to fulfill prerequisite coursework. For full details on prerequisites, see school website or VMSAR. If you are unsure of whether or not a course will be accepted to fulfill a prerequisite, please contact us at:*

dvmprospective@osu.edu

Oklahoma State University

Courses (Semester Hours)

Animal Nutrition (3)
Biochemistry (3)
Biology/Zoology (8)
English, Speech or Composition (9)
Genetics (3)
Humanities/Social Sciences (6)
Inorganic Chemistry (8)
Mathematics (college algebra, no statistics*) (3)
Microbiology (4)
Organic Chemistry (8)
Physics I & II (8)

* Starting in the fall of 2019, statistics will be required for all applicants.

Oregon State University

Courses (Semester Hours)

General Biology I & II (6)
Upper Division Biology (lab required) (4)
Physics I & II (8)
General Chemistry I & II (labs required) (8)
Organic Chemistry I (3)
Biochemistry I (4)
Genetics (3)
Calculus or Algebra & Trig (4)
Statistics (3)
Physiology (human or animal) (3)

*English (4)

*Humanities or Social Sciences (8)

*Public Speaking (3)

* *These requirements will be considered met if the applicant has earned a bachelor's degree by July 1 of the year in which they are accepted into the program.*

Pennsylvania, University of

Courses (Semester Hours)

English (must include 3cr in composition) (6)
Physics (lab required) (8)

Chemistry – General (with at least 1 lab) (8)
Chemistry – Organic (4)
Biology or Zoology (covering basic genetics & cell biology) (9)
Biochemistry (3)
Microbiology (3)
Humanities or Social Sciences (6)
Calculus & Statistics (any intro stats course) (6)
Electives (37)

Prince Edward Island, University of

Courses

Animal Biology (labs required) (3 courses)
Genetics
Mathematics (2 courses, one being statistics)
Chemistry (labs required) (3 courses, one being organic chemistry)
English (composition)
Electives (10 courses)

Purdue University

Courses (Semesters)

Inorganic Chemistry I and II (labs required) (2)
Organic Chemistry I and II (labs required) (2)
Biochemistry (upper level) (1)
Biology I and II (labs required) (2)
Genetics (1)
Microbiology (labs required) (1)
Animal Nutrition (1)
Physics I and II (labs required) (2)
Statistics (1)
English Composition (1)
Communication (1) (or the completion of a 4-year degree)
Humanities (3)

Queensland, The University of

To gain entry into The University of Queensland program an international student must have: completed recognised upper secondary or equivalent year 12 studies to the required standard as outlined in the prospectus;

satisfied English language requirements and satisfied individual program requirement which include training in English, Mathematics, Chemistry and either Biology or Physics. Further information about the minimum entry requirements is available on The University of Queensland Future Students website (future-students.uq.edu.au/apply/undergraduate/international/entry-requirements).

Multiple pathways for entry into UQ programs are available for students who do not meet the English language requirements (future-students.uq.edu.au/english-language-pathways).

Ross University School of Veterinary Medicine

Courses (Semester Hours)

Biology (lab required) (8)
Cell Biology or Genetics (lab recommended) (3)
Chemistry (lab required) (4)
Organic Chemistry (lab required) (4)
Biochemistry (3)
Physics (lab required) (4)
Mathematics (pre-calculus, calculus, or statistics) (3)
English (3)
Electives/Humanities/Social Sciences* (9)

* *One of the elective courses to meet this requirement must be one of the following: Comparative anatomy, medical terminology, microbiology, nutrition, physiology, foreign language, public speaking, or introduction to business.*

Royal Veterinary College

Courses (Semester Hours)

Physics (4)
Biochemistry (4)
Upper-level Biology/Biological Science* (8)
Anatomy/Physiology (4)
Organic Chemistry (4)
General Biology (4)
Mathematics (4)

* *Including but not limited to: Animal Biology, Zoology, Microbiology, Genetics, Anatomy, or Physiology*

Saskatchewan, University of

Courses (Semester Hours)

English (6)
Physics (3)
Biology (6)
Genetics (3)
Introductory Chemistry (6)
Organic Chemistry (3)
Mathematics or Statistics (6)
Biochemistry (3)
Microbiology (3)
Electives (21)

Seoul National University

No Prerequisite courses submitted (<http://en.snu.ac.kr/apply/info>)

St. George's University

Courses (Semester Hours)

General Biology or Zoology (lab required) (8)
Inorganic Chemistry (general or physical) (lab required) (8)
Organic Chemistry (lab required) (4)
Biochemistry (3)
Genetics (3)
Physics (lab required) (4)
Calculus, Computer Science or Statistics (3)
English (3)

St. Matthews University

Courses (Semester Hours)

General Biology or Zoology (lab required) (6)
General Chemistry (lab required) (6)
Organic Chemistry (lab required) (6)
Biochemistry (3)
Language Arts (English or another course with a writing component) (3)
College Math or Computer Science (3)

Sydney, University of

For application to the four-year DVM program, students must have completed a bachelor's degree including at least one semester in each of the following courses: General Chemistry (Physical and Inorganic); Organic Chemistry; Biology; Biochemistry.

Tennessee, University of

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 encouraged to take additional science courses especially comparative anatomy, mammalian physiology, microbiology with laboratory, and statistics.

Texas A&M

Courses (Semester Hours)

General Biology (lab required) (4)
General Microbiology (lab required) (4)
Genetics (3)
Animal Nutrition or Feeds & Feeding (3)
Inorganic Chemistry I & II (lab required) (8)
Organic Chemistry I & II (lab required) (8)
Biochemistry (lecture hours only) (3)
Statistics (upper-level) (3)
Physics I & II (lab required) (8)
English (6)
Public Speaking (3)

Tokyo, University of

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

Tufts University

Courses (Semester Hours)

Biology (lab required) (8)
Chemistry (lab required) (8)
Organic Chemistry (lab required) (8)
Biochemistry (3)
Physics (6)
Genetics (unless included in biology) (3)
Math (may include statistics) (6)
English Composition (6)
Humanities and Fine Arts (6)
Social and Behavioral Sciences (6)

Tuskegee University

Courses (Semester Hours)

English or Written Composition (6)
Mathematics (6)
Social Sciences/Humanities (6)
Liberal Arts (6)
Advance Biology (300 level or above)* (9)
Biochemistry (lab required) (4)
Advance Biology Electives (8)
Organic Chemistry (lab required) (4)
Chemistry (lab required) (4)
Physics (lab required) (8)
Medical Terminology (1)
Physical Education (2)
Introduction to Animal Science (3)
Animal Nutrition (3)

** Advanced biology courses, e.g., anatomy**, physiology, ecology, immunology, zoology, microbiology, genetics, toxicology, and histology.*

*** Anatomy, Cellular Biology, Genetics, and Microbiology are highly recommended.*

United Arab Emirates University

No prerequisite courses submitted

(https://www.uaeu.ac.ae/en/catalog/undergraduate/programs/program_21931.shtml)

University of Mexico (UNAM)

Courses (Semesters)

Mathematics (4)

Physics (4)

Inorganic and Organic Chemistry (4)

Principles of Biology and General Biology (4)

Social Sciences/Humanities (6)

Electives (selected topics on biology, statistics, morphophysiology or physicochemistry) (2)

Universiteit Utrecht

Biology

Physics

Mathematics

Chemistry

English

Dutch

<https://www.uu.nl/bachelors/diergeneeskunde/toelating/int>

University of Veterinary and Animal Sciences (UVAS)

No prerequisite courses submitted. (<http://www.uvas.edu.pk/index.php>)

University College - Dublin

Courses (Semesters)

Physics (lab required) (1)

Biochemistry (1)

General Biology (1)

General Inorganic Chemistry (Lab Required)(1)

Microbiology (1)

Cellular Biology (1)

VetAgro Sup

No Prerequisite courses submitted

<http://www.vetagro-sup.fr/en/formations/cursus-veterinaire/admission/>

Virginia / Maryland Regional College

Courses (Semester Hours)

General Biology (8)

Organic Chemistry (6)

General or Introductory Physics (8)

Biochemistry (3)

Humanities/Social Sciences (6)

Math: Algebra, Geometry, Trigonometry, Calculus or Statistics (6)

English (6 [3 must be composition or writing-intensive])

Washington State University

Courses (Semester Hours)

Biology (labs required) (8)

Inorganic Chemistry (labs required) (8)

Organic Chemistry (labs required) (4)

Physics (lab required) (4)

Math (algebra or higher) (3)

Genetics (3-4)

Biochemistry (3)

Statistics (methods) (3)

Arts/Humanities/Social Sciences/History* (21)

English Composition/Communication* (6)

**General education requirements will be waived if student has a bachelor's degree*

Western University of Health Sciences

Courses (Semester Hours)

Organic Chemistry (lab required) (3)

Biochemistry or Physiological Chemistry (3)

Upper-Division Biological & Life Sciences (labs required) (9)

Microbiology (3)

Upper-Division Physiology (animal, human or comparative only) (3)

Genetics (3)

General or College Physics (labs required) (6)

Statistics (general, introductory, or bio-) (3)

English Composition (6)

Wisconsin, University of

Courses (Semester Hours)

Biology or Zoology (4)

Genetics or Animal Breeding (3)

General Chemistry (8)

Organic Chemistry (3)

Biochemistry (3)

General Physics (6)

Statistics (3)

English Composition or Journalism (6)

Social Science or Humanities (6)

Anatomy (3)*

Microbiology (3)*

Physiology (3)*

Cell/Molecular Biology (3)*

**Recommended*

Applicants are encouraged to prepare themselves for the curriculum by taking additional upper-level science courses such as anatomy, physiology, microbiology, or cell/molecular biology.

CHANGE LOG – 2017/2018

- University College – Dublin (3/30/107):
 - Removed Lab (Biochemistry)
 - Added lab (General Inorganic Chemistry)
- University of California – Davis (3/30/17):
 - Changed semester hours from “1” to “1-2” for Systemic Physiology; Biochemistry; Genetics

CHANGE LOG-2018/2019

- Oregon State University (1/5/2018)
 - Moved the asterisk to before English, Public Speaking, and Humanities/Social Sciences.
- The University of Queensland (1/5/2018)
 - Added “The” to University title
 - Replaced entire entry with the updated version
- University of Minnesota
 - Added “(2 courses)” beside English
 - Added “ (2 courses, plus 2 labs)” beside General Chemistry
- North Carolina State University
 - Removed “Calculus and Logic (3)”
- Colorado State University (1/9/2018)
 - Added “ that requires biology” after Genetics
 - Added “or the completion of a 4 year degree” after English Composition.
 - Added “Biomedical Sciences recommended” underneath Electives.
- St. Matthew’s University (1/9/18)
 - Added “or Zoology” next to General Biology
 - Adjusted Organic Chemistry hours to be 6 instead of 3.
- Lincoln Memorial University (1/9/2018)
 - Changed General Chemistry semester hours from 8 to 6.
 - Changed English credit hours to 3 - 4.
 - Removed Probability and Statistics line.
 - Changed Social and Behavioral Sciences hours to 3 - 4.
 - Removed Electives line.
- Auburn University (1/11/2018)
 - Added *** to Cell Biology.
 - Added “Animal nutrition must focus on large animal, small animal, monogastric, and ruminant species.” to ## line.
 - Added *** footnote stating, “*The cell biology course, beyond an introductory biology course, should focus on the molecular biology of cells, membranes, cytoplasm, and organelles as well as energy, transport, motility, cell division, signaling, transcription,*

and translation. Microbiology, genetics, physiology, or other courses may not be used to fulfill the cell biology requirement.

- Iowa State University (1/16/2018)
 - Added “ Electives (8)”
- University of Calgary (1/17/18)
 - Added “Course” after Organic Chemistry
- Iowa State University (1/17/18)
 - Removed “req’d, 8 recommended” after the 3 next to Mammalian anatomy and/or physiology.
 - Added “with mechanics” after series in line talking about Physics 1.
- Oklahoma State University (1/17/18)
 - Added * after statistics.
 - Added “Starting in the fall of 2019, statistics will be required for all applicants.” as a footnote.
- Texas A&M (1/17/18)
 - Replaced Composition & Rhetoric (3) with English (6).
 - Removed Introduction to Psychology (3) and Technical Writing (3).
 - Replaced Speech Communication (3) with public speaking (3).
- Tuskegee University (1/17/18)
 - Added “Chemistry (lab required) (4)”
- Midwestern University (1/19/2018)
 - Added “General Chemistry (8)”
 - Added *Minimum of 64 total semester hours/96 quarter hours required.
- University of Florida (1/19/18)
 - Added “Animal Science (introduction to animal science, animal nutrition) (6).
- Ross University School of Veterinary Medicine (1/24/2018)
 - Changed “Chemistry (general and inorganic) (lab required) (8)” to Chemistry (lab required) (4)
 - Added “Organic Chemistry (lab required) (4)
- Tuskegee University (1/24/18)
 - Added ** to anatomy.
 - Added ** footnote stating, “** Anatomy, Cellular Biology, Genetics, and Microbiology are highly recommended.”
 - Added Physical Education (2)
- University of Glasgow (1/25/18)
 - Replaced section with the following text: Applicants are expected to have completed at least 2 years pre-veterinary or science courses at College or University, with a minimum of one year in Chemistry (including organic chemistry and organic chemistry lab), biology, or biochemistry and either physics, maths, or statistics. We would expect high grades in all science subjects. US applicant should have a minimum 3.4 GPA (4 point scale), and to have achieved a 3.0 in Science.
- University of Florida (1/25/2018)
 - Deleted “Electives (5)” and “Animal science (introduction to animal science, animal nutrition)
 - Added: Applicants are strongly encouraged to enroll in challenging upper level science courses such as calculus, animal science, animal nutrition, anatomy and physiology to demonstrate the capacity of students to handle the rigorous requirements of the veterinary program.
- University of Pennsylvania (1/25/18)
 - Added “ (must include 3cr in composition) “ to English
- Purdue University (1/29/18)
 - Added “(or the completion of a 4-year degree)” next to Communication.
- University of Adelaide (1/30/18)
 - Replaced chemistry and math with “SACE Stage 2 Chemistry (or equivalent) and SACE Stage 2 Mathematical Methods (or equivalent).
 - Added “At the University of Adelaide or equivalent.”
- University of Georgia (1/30/18)
 - Added double asterisks to General Chemistry, Organic Chemistry, Physics, and General Biology.

- Added *“It is best practice to contact our office (dvmadmit@uga.edu) in order to verify if a course meets our Advanced Biology requirement.*
- Added: *** UGA CVM will not accept online courses for any science prerequisite that requires a laboratory.*
- Auburn University (1/30/18)
 - *Replaced animal nutrition footnote with : “Animal nutrition must focus on large animal, small animal, monogastric, and ruminant species. Credit will be awarded for a web-based or correspondence course.”*
- The Ohio State University
 - Updated email address to : dvmprospective@osu.edu
- United Arab Emirates University (2/16/2018)
 - Added website as no prerequisite courses were submitted.
- University of Veterinary and Animal Sciences (UVAS) (2/16/18)
 - Added website as no prerequisite courses were submitted.
- University of Minnesota (1/30/2018)
 - *Added “ 2 Courses” next to Physics*
 - *Added “ 3 Courses” next to Liberal Education*
- Universiteit Utrecht (1/25/18)
 - Added *Biology, Physics, Mathematics, Chemistry, English, Dutch,* (<https://www.uu.nl/bachelors/diergeneeskunde/toelating/int>)