



Summary of Course Prerequisites

For All AAVMC Member Institutions for 2015 Matriculation

UPDATED AS OF 09/11/2014

Updates: [See Change Log: Page 17](#)

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 a college brochure. This table is for use in 2014 for 2015 matriculation only and is subject to change. Please direct all questions regarding course prerequisites directly to the institution.

**Association of American Veterinary Medical Colleges
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(Please check www.aavmc.org for updates)

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Institutional Abbreviations for All AAVMC Member Institutions

AUB	Auburn University
CAL	University of Calgary
UCD	University of California-Davis
CEN	Central Luzon State University
CSU	Colorado State University
COP	Copenhagen, University of
COR	Cornell University
EDI	Edinburgh, University of
UFL	Florida, University of
UGA	Georgia, University of
GLA	Glasgow, University of
GUE	Guelph, University of
UIL	University of Illinois-Urbana
ISU	Iowa State University
KSU	Kansas State University
LMU	Lincoln Memorial University
LSU	Louisiana State University
MAS	Massey University
MEL	Melbourne, University of
MSU	Michigan State University
MID	Midwestern University
UMN	University of Minnesota
MSS	Mississippi State University
UMO	Missouri, University of
MON	Montreal, Universite de
MUR	Murdoch University

NCS	North Carolina State University
OHS	Ohio State University, The
OKS	Oklahoma State University
ORS	Oregon State University
UPA	Pennsylvania, University of
PEI	Prince Edward Island (AVC), University of
PUR	Purdue University
QUE	Queensland, University of
ROS	Ross University
ROY	Royal Veterinary College
SAS	Saskatchewan, University of
STG	St. Georges University
STM	St. Matthews University
SYD	Sydney, University of
UTN	Tennessee, University of
TAM	Texas A&M University
TOK	Tokyo, University of
TUF	Tufts University
TUS	Tuskegee University
VER	Universidad VERITAS
UNM	National Autonomous University of Mexico (UNAM)
DUB	University College Dublin
UTR	Utrecht University
VMR	Virginia-Maryland Regional College
WSU	Washington State University
WES	Western University
WIS	Wisconsin, University of

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Auburn University

Courses (Semester hours)

Physics with lab (8)

Must have been completed in last 6 years.

Biochemistry (3)

Biology I with lab (4)

Biology II with lab (4)

Fundamentals of chemistry with lab (8)

Organic chemistry with lab (6)

Must have been completed in last 6 years.

Precalculus with trigonometry (3)

Waived if applicant has a BS/BA degree.

English composition (6)

Waived if applicant has a BS/BA degree.

Humanities / fine arts electives (6)

Waived if applicant has a BS/BA degree.

Literature/history (6)

Waived if applicant has a BS/BA degree.

Student must have at least one literature and one history course and must complete a 6 semester hour sequence in either literature or history

Fine arts (3)

Waived if applicant has a BS/BA degree.

Social and behavioral science electives (9)

Waived if applicant has a BS/BA degree.

Science electives (6)

Must have been completed in last 6 calendar years.

Science electives must be from the following list: genetics, microbiology, cell biology, comparative anatomy, histology, reproductive physiology, mammalian or animal physiology, parasitology, embryology or immunology.

Animal nutrition (3)

Course may be taken as an on-line or correspondence course.

Total semester hour credits 75

University of Calgary

No Prerequisites Submitted

California - Davis

Courses (Quarter Hours)

Physics (no lab) (one year) (6)

Biochemistry (bioenergetics or metabolism) upper division course (5) (no labs)

Upper-division courses are equivalent to one semester or one quarter.

General biology with lab (one year) (14)

General chemistry with lab (one year) (15)

Organic chemistry with lab (one year) (6)

Statistics (4)

English composition (4); Additional English/Rhetoric/Speech (12)

Humanities and social sciences (12)

Genetics (no lab) upper division course (4)

Upper-division courses are equivalent to one semester or one quarter.

Systemic physiology (no lab) upper division course (5)

Upper-division courses are equivalent to one semester or one quarter.

Total quarter hour credits 83 - or -Total semester hour credits 55

Central Luzon University

No Prerequisites Submitted

Colorado State University

Courses (Semester Hours)

Physics with a lab (4)

Biochemistry (3) (required prerequisite of Organic Chemistry)

Laboratory associated with a biological science course (1)

Laboratory associated with a chemistry class (1)

Statistics (3)

English composition (3)

Arts & humanities/behavioral & social science electives (12)

Genetics (3)
Electives (30)
Science electives recommended
Total semester credit hours 60

Copenhagen, University of

No Prerequisites Submitted

Cornell University

Courses (Semester Hours)

English composition or Writing Intensive Courses (full year*) (6 min)

Biology or zoology with labs (full year*) (6 min)

General or Inorganic chemistry with labs (full year*) (6 min)

AP credit of 4 or higher allowed.

Physics with labs (full year*) (6 min)

AP credit of 4 or higher allowed.

Organic chemistry (lab recommended) (One semester) (3 min)

Biochemistry (lab recommended) (One semester) (4 min)

Advanced Life Sciences Course (One semester) (3 min)

Total semester prerequisite credits (34)

Total Semester Credits (60)

Edinburgh, University of

Courses (Semesters)

Physics (1)

Biology (1)

Chemistry (2)

Mathematics (1)

Pre-veterinary or science course (2)

Florida, University of

Courses (Semester Hours)

Biology – animal biology or zoology with laboratory; genetics; microbiology with laboratory (Biology – BSC 2010, BSC 2010L, BSC 2011, BSC 2011L; Microbiology – MCB3020, MCB 3020L; Genetics – PCB 3063 or AGR 3303 or ANS 3384) (15)

General chemistry – inorganic and organic with laboratory and biochemistry (General – CHM 2045, CHM 2045L, CHM 2046, CHM 2046L; or CHM2045, 2051 and CHM 2045, 2046L; Organic – CHM 2210, CHM 2211, CHM 2211L; or CHM 3217, CHM 3218, CHM 2211L Biochemistry – BCH 4024; or CHM 3218) (19)

Mathematics – calculus and statistics (Calculus – MAC 2311; Statistics – STA 2023) (6)

Physics – two semesters with laboratories (Physics – PHY 2053, PHY 2053L, PHY 2054, PHY 2054L or PHY 2048, 2048L, PHY 2049, 2049L) (8)

English composition - two semesters (English – ENC 1101 and ENC 1102) (6)
Only English courses in Rhetoric or Composition will be accepted.

Humanities (9)

Any of the Authorized Courses for General Education listed in the University of Florida Schedule of Courses are acceptable.

Social sciences (6)

Any of the Authorized Courses for General Education listed in the University of Florida Schedule of Courses are acceptable.

Electives Variable credit hours of at least (5).

Agriculture, advanced biochemistry, analytical chemistry, computer science, economics, humanities, journalism, oral communication, political science, psychology, social sciences, statistics, etc.

Animal science – Introduction to Animal Science and Animal Nutrition (Animal Science – ANS 3006C; Animal Nutrition – ANS 3440) (6)

Total minimum semester hour credits 80

Georgia, University of

Courses (Semester Hours)

English (writing intensive)

Humanities and Social studies

General biology with lab (for science majors)

Advanced biological science*

Chemistry with lab

Inorganic

Organic

Physics with lab

Biochemistry (lab not required)

**300/3000 level or higher biology courses that have general biology as a prerequisite. Nutrition, behavior and ecology courses typically do not count towards the advanced biological sciences requirement*

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). 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 (Semesters)

Biochemistry (1)

Biological sciences (2)

Biological sciences with recommended emphasis on animal biology

Statistics (1)

Humanities and/or social sciences (2)

Genetics (1)

Cell biology (1)

Total 4 semesters minimum

Applicants should have a minimum 3.0 GPA (4 Point scale), and achieved a 3.0 in Science. Must not hold Canadian citizenship.

Illinois - Urbana, University of

Courses (Semester Hours)

Physics with laboratories (8)

Biological sciences with laboratories (8)

Chemical sciences including biochemistry; inorganic and organic chemistry with laboratories (16)

Three laboratories required.

English composition (6)

Three hours of speech/communication can replace three hours of English composition.

Waived with BS/BA degree.

Humanities/social sciences (12)

Waived with BS/BA degree.

Junior/Senior level science courses (12)

Include but not limited to advanced biology, anatomy, genetics, microbiology, physiology, zoology.

Waived with BS/BA degree.

Total semester credit hours 62

Iowa State University

Courses (Semester Hours)

General physics – 1 semester (2 quarters) with lab (4)

First semester of a two-semester series with lab. Does not need to be calculus-based. Must include mechanics.

Biochemistry (3)

General biology – 1 year series (2 semesters or 3 quarters) with labs each term or individual courses with labs including one at the cellular/microbial level and one at the organism level (8)

General chemistry – 1 year series (2 semesters or 3 quarters) and one term lab (7)

Organic chemistry - 1 year series (2 semesters or 3 quarters) and one term lab (7)

English composition – 1 year of composition or writing emphasis courses. (6)

May include business or technical writing.

Humanities and social sciences (8)

Genetics – Upper level (junior/senior) course which includes Mendelian and molecular genetics Animal breeding or livestock improvement courses generally do not fulfill this requirement(3)

Electives (8)

Oral communication – May include interpersonal or group communication or public speaking. (3)

Acting and foreign language do not fulfill this requirement.

Mammalian anatomy or physiology (3)

Total semester credit hours 60

Iowa State University

Courses (Semester Hours)

Physics I and II (8)

Biochemistry (3)

Principles of biology or zoology (4)

Chemistry I and II (8)

Organic chemistry with lab (5)

Expository writing I and II (6)

Humanities and/or social sciences (12)

Electives (9)

Animal genetics or general genetics (3)

Microbiology with lab (4)

Public speaking (2)

Total semester credit hours 64

Lincoln Memorial University

Course Requirements (Semester / Quarter Hours)

Biology (with laboratory) (8/10)

Genetics (3/4)

Biochemistry (3/4)

Advanced Science Electives (8/10)

Organic Chemistry (with laboratory) (6/8)

General Chemistry (with laboratory) (8/10)

Physics (3/4)

English (6/8)

Probability and Statistics (3/4)

Social and Behavioral Sciences (6/8)

Electives (6/8)

1. Subject to change in the future
2. Upper division courses (300 level or higher) including Anatomy, Animal Science, Cell Biology, Immunology, Microbiology, Molecular Biology, Physiology, Virology
3. Potential courses include, but are not limited to: Anthropology, Economics, Geography, Philosophy, Political Science or Sociology. Also included: Ethics, Critical Thinking, Cultural Diversity, Social Responsibility, One Health, Human Animal Bond.
4. Potential courses include but are not limited to: Business, Communications, Foreign Language, History, public Speaking

Louisiana State University

Courses (Semester Hours)

General physics I & II (labs not required) (6)

Biochemistry (appropriate course must have Organic Chemistry as its prerequisite.) (3)

General biology/zoology courses with labs appropriate for pre-med or science majors (8)

General chemistry I & II with labs (8)

Organic chemistry (lab not required) (3)

Mathematics (College-level algebra/trigonometry or higher) (5)

English composition I & II (6)

Microbiology with lab (appropriate course would be one specific for science/pre-vet majors.) (4)

Electives (20)

Speech communication (Public speaking or interpersonal communications) (3)

Total semester credit hours 66

Massey University

Courses (Semester Hours)

Physics sequence (2)
Organismal biology + animal biology/vertebrate zoology
General chemistry plus organic chemistry
First year bio series + Cellular/molecular biology or genetics

Melbourne, University of

Courses (Semester Hours)

Michigan State University

Courses (Semester Hours)

Physics I and II with laboratory (8)
Biochemistry (3)
This should be a complete upper-division course in general biochemistry; half of a two-semester sequence will not meet this requirement.
Biology I and II with laboratory (6)
General chemistry with laboratory (3)
Organic chemistry with laboratory (6)
College algebra & trigonometry or pre-calculus or calculus (if that was the first math taken) (3)
English composition (3)
Humanities and social sciences (12)
Genetics (3)
Microbiology (with laboratory) (4)
Nutrition (3)
Eukaryotic cell biology (3)
Total semester credit hours 57

Midwestern University

Courses (Semester Hours)

Minnesota, University of

Courses (Semester Hours)

Physics with lab (6-10)
Biochemistry (no lab required) (3-5)
General biology with lab (3-5)
Zoology or animal biology with lab (or the 2nd semester of a two-term biology sequence) (3-5)
General chemistry with lab (6-10)
Organic chemistry with lab (two quarters or one semester) (3-5)
College algebra, pre-calculus or calculus (3-5)
English composition (or the graduation requirement of your college) (6-8)
Liberal Education (12-16)
Genetics (3-5)
Microbiology with lab (3-5)
Total semester hour credits Variable

Mississippi State University

Courses (Semester Hours)

Physics (can be Trig-based) (6)
Biochemistry (3)
General biology with lab (8)
General chemistry with lab (8)
Organic chemistry with lab (8)
Mathematics (college algebra or higher) (6)
English composition (6)
Humanities/fine arts/social and behavioral sciences (15)
Microbiology with lab (4)
Speech or technical writing (3)
Advanced (upper-level) science electives (12)
Total semester credit hours 79

Missouri, University of

Courses (Semester Hours)

Physics (5)
Comprehensive course or courses. 5 hrs in only the first of a companion series will not suffice.
Biochemistry with organic chemistry pre-req (3)
Biological sciences (10)
College algebra or more advanced (3)
English composition or communication (6)
Social sciences or humanities (10)
Total semester credit hours completed before applying 60

Montreal, University of

Courses (Level)

Physics (101, 201, 301–78)
Chemistry (101, 201, 202)
Biology (301, 401)
Mathematics (including calculus) (103, 203)
To be considered for admission, one must:
a) have completed the above requirements, or
b) have completed equivalent studies.

Murdoch University

Courses (Level)

North Carolina State University

Courses (Semester Hours)

Physics with lab (8)
Biochemistry (lab preferred) (3-4)
Biology (or Zoology) with lab (4)
Chemistry, general with labs (8)
Chemistry, organic with labs (8)
Calculus (3)
Statistics (3)

English composition/communications or public speaking (6)
Humanities/social sciences (6)
Genetics (lab preferred) (4)
Microbiology with lab (4)
Animal nutrition (3)
Total semester credit hours 59-61

Ohio State University, The

Courses (Semester Hours)

Physics (with lab) (8-10)
Biochemistry (3-4)
If Biochemistry is taught as a two-course sequence, both courses must be taken.
General biology (with labs) (6-8)
General chemistry (with labs) (8-10)
Organic chemistry (no lab) (6-8)
Lab recommended but not required.
Math (algebra and trigonometry) (4-6)
English composition (3-4)
Humanities and social sciences (14)
Genetics (3-4)
General genetics including Mendelian (transmission) genetics and molecular genetics required.
Microbiology (with lab) (3-4)
Must include introduction to virology & immunology.
Electives (8)
Total Semester credit hours 66-80

Oklahoma State University

Courses (Semester Hours)

Physics (Physics I & II) (8)
*Biochemistry (3)
Biological sciences, general zoology or equivalent & lab, biology elective for science majors (4)

Chemistry I and II & lab (8)

*Organic chemistry I and II & lab, Must include aliphatic & aromatic compounds. (8)

Mathematics, college algebra or higher level course; no statistics (3)

English composition (6)

English elective (may include speech, tech writing or literature) (3)

Humanities/social sciences (6)

*Genetics (3) - *Animal / breeding and livestock improvement courses will not meet the genetics requirement*

Zoology (with laboratory) (4)

Microbiology & lab (4)

Elective(s) If all of the above courses do not total 60 credit hours, science and/or business electives may be used. Credit hours will vary according to institution in which coursework is completed.

Animal nutrition (3) - Human, plant and species specific nutrition courses are not acceptable substitutes. Most feeding courses will not substitute but contact our office to verify.

*** Must be taken at a 4 year institution.**

Total semester credit hours (minimum) 64

Oregon State University

Courses (Semester Hours)

Physics sequence: 8 semester or 10 quarter hours

Biochemistry : A minimum of 1 semester or 2 quarters of upper division biochemistry.

Upper division sequence is preferred.

General biology sequence: 2 semester or 3 quarter hours

General inorganic chemistry sequence with laboratories: 2 semesters or 3 quarter hours

Organic chemistry sequence sufficient to meet requirements for upper division biochemistry: 1-2 semesters or 2-3 quarter hours

Mathematics: Course or course sequence in college level algebra and trigonometry or higher level mathematics

Statistics: 3 semester hours or 4 quarter hours

English composition: 4 semester hours or 6 quarter hours

Humanities/social sciences: 8 semester hours or 12 quarter hours

Genetics: 3 semester hours or 4 quarter hours

Must include Mendelian and molecular genetics.

Public speaking: 2 semester hours or 3 quarter hours

Biological sciences: At least 4 additional semester or 6 quarter credits

Upper division courses with at least one laboratory

Physiology – animal or human: At least 2 semester or 3 quarter hours

Pennsylvania, University of

Courses (Semester Hours)

Physics with lab (8)

Biology or zoology (three courses) (9)

A basic understanding of genetics and cellular biology should have been derived from these courses.

Biochemistry (3)

Microbiology (3)

General chemistry with at least 1 Chem lab total (8)

Organic chemistry with at least 1 Chem lab total (4)

Calculus and Math statistics (or BioStats) (6)

English (one must be a composition course) (6)

Humanities or social sciences (6)

Electives (37)

Total semester hour credits 90

Prince Edward Island, University of

Courses (Semester Hours)

Physics with lab

Biology (2 courses with labs having an emphasis on animal biology)

Chemistry (3 courses with labs, one being Organic Chemistry)

Mathematics (2 courses, one of which being Statistics)

English (2 courses, one of which being English Composition)

Genetics (1 course with lab)

Microbiology (1 course with lab)

Humanities and social sciences (3 courses)

Electives (5 courses)

Total semester courses 20
(*Must be at least 3 semester-hours of credit/per course*)

Purdue University

Courses (Semester Hours)

Physics with lab (2)
Biochemistry) (1)
Biology (including cell) with lab (2)
Inorganic chemistry with lab (2)
Organic chemistry with lab (2)
Calculus (1)
Statistics (1)
English composition (1)
Humanities (3)
Genetics (1)
Microbiology with lab (1)
Careers in Veterinary Medicine (if available) (1)
Communication (1)
Nutrition (animal based) (1)

Queensland, University of

Queensland senior secondary school (or equivalent) English, Chemistry, Mathematics B PLUS either Physics or Biology.
International students from non-English speaking countries must have minimum IELTS scores as following; overall 7; writing 6; speaking 7.
International students must undertake this program on campus at UQ on a full time basis to be eligible to apply for an Australian student visa.
Please contact UQ International for more details.

Ross University

Courses (Semester Hours)

Biology (General or Zoology) with lab (8)

Chemistry (General or Inorganic) with lab (8)
Organic Chemistry with lab (4)
Physics with lab (4)
Biochemistry (3)
Advanced Biology (12)
English (6)

Canadian students may satisfy the English requirement using year 13 English or Composition.
Mathematics (3)
Total semester credit hours 50

Royal Veterinary College

Physics with laboratory (4 Semester credits)
Biochemistry (4 Semester credits)
Principles of biology, general biology, animal biology or zoology (8 Semester credits)
General chemistry or fundamentals of chemistry, or inorganic chemistry (recommended)
Organic chemistry (8 Semester credits)
Mathematics or statistics (including Algebra) (4 Semester credits)

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)
Total semester credit hours 60

St. George's University

Courses (Semester Hours)

One year General Biology or Zoology with lab (8)
One year Inorganic Chemistry (General or Physical) with lab (8)
One semester Organic Chemistry with lab (4)
One semester Biochemistry (3)
One semester Genetics (3)
One semester Physics with lab (4)
One semester Calculus, Computer Science or Statistics (3)
One semester English (3)
Total semester credit hours 36

St. Matthews University

Courses (Semester Hours)

Sydney, University of

General Chemistry (Physical and Inorganic)
Organic Chemistry
Biology
Biochemistry

Tennessee, University of

Courses (Semester Hours)

Physics with lab (8)
Biochemistry, exclusive of laboratory (4)
This should be a complete upper-division course in general cellular and comparative biochemistry. Half of a two-semester sequence will not satisfy this requirement.
Cellular/Molecular biology (3)
General biology/zoology with lab (8)
General inorganic chemistry with lab (8)

Organic chemistry with lab (8)
English composition (6)
Social sciences/humanities (18)
Genetics (3)
Science Electives

Applicants are strongly encouraged to take additional biological and physical science courses especially comparative anatomy, mammalian physiology, microbiology with laboratory, and statistics.
Total semester credit hours 66

Texas A&M

Courses (Semester Hours)

General Biology with lab (4)
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
General Microbiology with lab (4)
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
Genetics (3)
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
Animal Nutrition or Feeds and Feeding (3)
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
General Animal Science (3)
Inorganic Chemistry with lab (8)
Organic Chemistry with lab (8)
Biochemistry I & II (5)
Lecture hours only
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
Statistics (3)
Must be taken at a 4-year college or university. May not be taken at community or junior colleges.
Physics with lab (8)

Composition and Rhetoric (3)
Literature (3)
General Psychology (3)
Speech Communications (3)
Technical Writing (3)
Total semester credit hours 61

Tokyo, University of

Courses (Semester Hours)

Tufts University

Courses (Semester Hours)

Physics (2)
Biochemistry (1)
General biology (with lab) (2)
General inorganic chemistry (with lab) (2)
Organic chemistry (with lab) (2)
Math/Statistics (2)
English (2)
Social sciences (2)
Humanities (2)
Genetics (unless included in biology) (1)
Total semester credit hours 60

Tuskegee University

Courses (Semester Hours)

English or Written Composition (6)
Mathematics (6)
Social Sciences / Humanities (6)
Liberal Arts (6)
Advance Biology (9)
300 Level or Above

Biochemistry w/Lab (4)
Advance Biology Elective (8)
Organic Chemistry w/Lab (4)
Physics w/Lab (8)
Introduction to Animal Science (3)
Animal Nutrition (3)
Total semester credit hours 63

Universidad VERITAS

Courses (Semester Hours)

University of Mexico (UNAM)

Courses (Semester Hours)

Mathematics (4 semesters)
Physics (4 semesters)
Inorganic and Organic Chemistry (4 semesters)
Principles of Biology and General Biology (4 semesters)
Social Sciences/Humanities (6 semesters)
Electives (2 semesters)
Selected topics on biology, statistics, morphophysiology or physicochemistry.
A Science degree, including at least one semester's study in each of general/cellular biology and biochemistry.
Total semesters 24

University College - Dublin

Courses (Semester Hours)

Physics with lab (1)
Biochemistry with lab (1)
General biology (1)
General inorganic chemistry (1)
Microbiology (1)

Cellular biology (1)

Utrecht University

Courses (Semester Hours)

Virginia / Maryland Regional College

Courses (Semester Hours)

Physics with lab (8)

Biochemistry, laboratory not required (3)

Biological sciences with lab (8)

Organic chemistry with lab (8)

Mathematics (college algebra or higher) (6)

English (composition – 3 credits) (6)

Humanities/social sciences (6)

Total semester credit hours 45

Washington State University

Courses (Semester Hours)

Physics with lab (4)

Biochemistry (3)

Biology with lab (8)

Inorganic chemistry with lab (8)

Organic chemistry with lab (4)

Math (pre-calculus or higher) (3)

Statistics (methods) (3)

Genetics (4)

General Education Requirements

English composition/communication (6)

Waived if applicant has BS/BA.

Arts & humanities/social science/history (21)

Waived if applicant has BS/BA.

Total semester credit hours 64

Western University of Health Sciences

Courses (Semester Hours)

General physics with lab (6)

Biochemistry or physiological chemistry (3)

Must be a course designed or specified for science majors.

These courses must have been completed no more than 8 years prior to the date of matriculation at WesternU-CVM (August 2005 for entry 2013).

*Upper-division biological & life sciences (must include one upper div lab) (9)

These courses must have been completed no more than 8 years prior to the date of matriculation at WesternU-CVM (August 2005 for entry 2013).

No more than two of these prerequisite courses may be in progress after the end of the fall term immediately prior to matriculation.

Organic chemistry with lab (3)

Statistics (3)

Must be a course designed or specified for science majors.

English composition (6)

Humanities/social sciences (9)

*Genetics or molecular biology (3)

These courses must have been completed no more than 8 years prior to the date of matriculation at WesternU-CVM (August 2003 for entry 2011).

No more than two of these prerequisite courses may be in progress after the end of the fall term immediately prior to matriculation.

*Microbiology (3)

These courses must have been completed no more than 8 years prior to the date of matriculation at WesternU-CVM (August 2003 for entry 2011).

No more than two of these prerequisite courses may be in progress after the end of the fall term immediately prior to matriculation.

Physiology (3)

**These prerequisite courses must have been completed no more than 8 years prior to the date of matriculation at WesternU-CVM (August 2006 for entry 2014).*

Physiology must be an upper-division course in animal, human or comparative physiology. Will not accept courses in cellular, neuro-, patho- or reproductive physiology.

No more than two of the science prerequisite courses may be in progress after the end of the fall term immediately prior to matriculation.

Oral Communication (3)

(the minimum units required is three semester or four quarter)

Wisconsin, University of

Courses (Semester Hours)

Physics (two-semester lecture series) (6)

Biochemistry (organic chemistry must be prerequisite) (3)

Biology or zoology (introductory animal biology course with lab) (5)

General and qualitative chemistry (two-semester lecture series with lab) (8)

Organic chemistry (one-semester lecture satisfying biochemistry prerequisite) (3)

Statistics (3)

English composition or journalism (6)

Social sciences/humanities (6)

Genetics or animal breeding, must include principles of heredity and preferably molecular mechanisms (3)

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

06/05: Lincoln Memorial Prerequisites added to chart

05/19: Purdue – Waives the lab requirement for Genetics

07/11: Cornell – Changes to Organic Chemistry / Biochemistry / Advanced Life Sciences courses. Deleted: Microbiology & Electives.

9/11: Western – Oral Communications removed