

ACADEMIC REQUIREMENTS FOR ADMISSION TO THE
DOCTOR OF VETERINARY MEDICINE PROGRAM

This list of Acceptable Courses is based on courses listed in the University of Guelph Undergraduate Calendar.

The specific course requirements listed below must have been completed at the university level before admission to the Doctor of Veterinary Medicine Program will be considered.

Courses will not be acceptable if they are repeats of previously passed courses, or if they are taken at the same level or a lower level in a subject area than previously passed courses in the same subject area.

A course requirement is not regarded as being fulfilled unless the course has been completed successfully, and the official final result submitted before March 1. All courses must be degree level (i.e. not diploma).

Course Requirements for the Doctor of Veterinary Medicine Program

A minimum of four full-time semesters [10.00] credits including:

- **Biological Sciences – 1.5 credits (normally 3 semester courses) (with recommended emphasis on animal biology; one must be a Cell Biology)**
- **Genetics – 0.5 credits (1 semester course)**
- **Biochemistry – 0.5 credits (1 semester course)**
- **Statistics – 0.5 credits (1 semester course) (with a calculus prerequisite)**
- **Humanities or Social Sciences – 1.0 credit (normally two 0.5 credit semester courses)**

Course selections in an applicant's last two full-time semesters will be reviewed for academic coherence.

For the purpose of D.V.M. admissions, a full-time semester will include a minimum of 2.5 credits (normally 5 courses). It is expected that the level of an applicant's courses will correspond to the semester level (year) of his or her program.

Students who have completed a degree and are upgrading in a non-degree category for the purpose of D.V.M. admission will be expected to register in senior-level courses.

An applicant who is not following a prescribed program of study may be required to submit an explanation of his or her course selections.

Medical College Admissions Test

The Medical College Admission Test (MCAT) is used for selection of all domestic (including dual citizen) applicants. The MCAT may be taken throughout the year, however students wishing to take the MCAT in the same year of intended admission to the D.V.M. Program must do so in time to ensure that the results are received by the registrar's office by the documentation deadline (January 1st).

For more information, prospective applicants are encouraged to review the MCAT website at <http://www.aamc.org/students/mcat/>. A complete description of the MCAT is contained in the MCAT Student Manual available online from their website or contact the MCAT Program Office mcats_reg@act.org, P.O. Box 4056 Iowa City, Iowa, USA, 52243, tel. (319) 337-1357. Preparation for the MCAT should begin with a careful reading of the Student Manual. The manual is comprised of an introduction and five sections that describe the content, types of questions asked and test preparation involved in taking the MCAT. **Note that science topics covered on the test include basic principles and concepts in biology, general chemistry, organic chemistry and physics.**

NB: Non-Canadian applicants submit GRE scores instead of MCAT.

The following are the University of Guelph degree courses that may be used to meet the academic requirements for application to the Doctor of Veterinary Medicine Program. Students applying from other universities should contact Admission Services, Office of the Registrarial Services, to ensure that courses taken elsewhere will be accepted. For more information see <http://www.ovc.uoguelph.ca/future/dvm/>.

ACCEPTABLE BIOLOGICAL SCIENCE COURSES

ANSC: ANIMAL SCIENCE

2340, 3080, 3120, 3170, 3180, 3300, 4050, 4120, 4130, 4260, 4270, 4280, 4290, 4350, 4470, 4480, 4490, 4550, 4560, 4610, 4700, 4710

BIOL: BIOLOGY

1030, 1040, 1070, 1080, 1090, 2060, 3010, 3020, 3110, 3120, 3130, 3400, 3450, 4010, 4020, 4060, 4070, 4110, 4120, 4150, 4350

BIOM: BIOMEDICAL SCIENCES

All courses listed EXCEPT 2000, 4210, 4220

ENVB: ENVIRONMENTAL BIOLOGY*

2040, 3030, 3040, 3090, 3110, 3210, 4040, 4070, 4090, 4100, 4130, 4220, 4240, 4550, 4780, 4800

FOOD: FOOD SCIENCE

3230, 4400

HK: HUMAN KINETICS

All courses listed EXCEPT HK 2100

IBIO: INTEGRATIVE BIOLOGY

2300, 3300, 4010, 4200

MBG: MOLECULAR BIOLOGY AND GENETICS

All courses listed EXCEPT 1000, 3200

MCB: MOLECULAR AND CELL BIOLOGY

All courses listed

MICR: MICROBIOLOGY

All courses listed EXCEPT 1010

NUTR: NUTRITION

3040, 3190, 3210, 3330, 3340, 3350, 4010, 4020, 4040, 4200, 4210, 4320, 4330, 4510

PATH: PATHOLOGY

3040, 3610, 4100

POPM: POPULATION MEDICINE

All courses listed.

SOIL: SOIL SCIENCE

3200

TOX: TOXICOLOGY

All courses listed.

ZOO: ZOOLOGY*

All courses listed EXCEPT 1500, 4050, 4300, 4410, 4600, 4610, 4700, 4710, 4800, 4810

***NB: The following field courses may not be counted toward the minimum 2.50 credits required in a Fall or Winter semester that a student wishes to present for the purposes of an application to the DVM Program:**

AGR* 2500

CROP* 4260

ENVB* 4260

NRS* 3030

ZOO* 4300, 4410, 4600, 4610, 4700, 4710, 4800, 4810

BIOL* 4410, 4610, 4700, 4710, 4800, 4810, 4900

ACCEPTABLE BIOCHEMISTRY COURSES

BIOC: BIOCHEMISTRY

2580, 3560, 3570, 4520, 4540, 4580

TOX: TOXICOLOGY

4590

ACCEPTABLE CELL BIOLOGY COURSES

BIOL: BIOLOGY

2210

BIOM: BIOMEDICAL SCIENCE

3030, 4070

BOT: BOTANY

4380

MCB: MOLECULAR AND CELL BIOLOGY

2050, 2210, 4010

PBIO: PLANT BIOLOGY

4000, 4030, 4150

ZOO: ZOOLOGY

2100, 3000

ACCEPTABLE GENETICS COURSES

BIOL: BIOLOGY

3020

MBG: MOLECULAR BIOLOGY AND GENETICS

2000, 2020, 2040, 3050, 3060, 4040, 4070, 4080

ACCEPTABLE STATISTICS COURSES

BIOL: BIOLOGY

2250

STAT: STATISTICS

2040, 2050, 2100, 2120, 2250, 3100, 3110, 3210, 3240, 3320, 3510, 4050, 4080, 4340, 4350, 4360, 4510

ACCEPTABLE HUMANITIES COURSES

ANSC: ANIMAL SCIENCE

3150, 3210

ARTH: ART HISTORY

All courses listed.

BIOM: BIOMEDICAL SCIENCES

4210, 4220

CHIN: CHINESE

All courses listed

CLAS: CLASSICAL STUDIES

All courses listed.

DRMA: DRAMA
All courses listed.

ENGL: ENGLISH
All courses listed.

FREN: FRENCH STUDIES
All courses listed.

GERM: GERMAN STUDIES
All courses listed.

GREK: GREEK
All courses listed.

HISP: HISPANIC STUDIES
All courses listed.

HIST: HISTORY
All courses listed.

HUMN: HUMANITIES
All courses listed.

ITAL: ITALIAN STUDIES
All courses listed.

LING: LINGUISTICS
1000

LAT: LATIN
All courses listed.

MUSC: MUSIC
All courses listed.

PHIL: PHILOSOPHY
All courses listed.

PORT: PORTUGUESE
All courses listed.

SPAN: SPANISH STUDIES
All courses listed.

SART: STUDIO ART
All courses listed.

THST: THEATRE STUDIES
All courses listed.

ACCEPTABLE SOCIAL SCIENCES COURSES

AGEC: AGRICULTURAL ECONOMICS
2700, 4000, 4210

AGR: AGRICULTURE
1201, 1250, 2400, 2401/2**

*** This full year course may be counted as 2 social science courses.*

ANTH: ANTHROPOLOGY
All courses listed.

BIOL: BIOLOGY

4040

ECON: ECONOMICS

All courses listed.

EDRD: ENVIRONMENTAL DESIGN AND RURAL DEVELOPMENT

All courses listed.

ENGG: ENGINEERING

3240

ENVS: ENVIRONMENTAL SCIENCES

1010, 1020, 2010, 3320, 3360, 4011/2, 4220

FARE: FOOD, AGRICULTURAL AND RESOURCE ECONOMICS

1300, 2700, 3250, 4000, 4210, 4290 4310

FRHD: FAMILY RELATIONS AND HUMAN DEVELOPMENT

All courses **EXCEPT** 3070, 4061/2, 4070, 4080, 4090, 4810, 4910

GEOG: GEOGRAPHY

All courses listed.

IDEV: INTERNATIONAL DEVELOPMENT

2500, 3010, 4190, 4500

ISS: INTERDISCIPLINARY SOCIAL SCIENCE

All courses listed.

LARC: LANDSCAPE ARCHITECTURE

1940

MBG: MOLECULAR BIOLOGY & GENETICS

3200

POLS: POLITICAL STUDIES

All courses listed.

PSYC: PSYCHOLOGY

All courses listed.

REXT: RURAL EXTENSION

All courses listed.

SOC: SOCIOLOGY

All courses listed.

SOAN: SOCIOLOGY- ANTHROPOLOGY

All courses listed.

SOIL: SOIL SCIENCE

2120, 3050, 3100

UNIV: INTERDISCIPLINARY UNIVERSITY COURSE

All courses listed including 2101/2**

*** This full-year course may be counted as two social science courses.*

WMST: WOMEN'S STUDIES

All courses listed

ZOO: ZOOLOGY

4050