Research Work

1. Innovative knowledge in the sustainable management of local resources and agriculture-related business and industries. Applying science and technology along with partnering with agencies/organizations/local community to find solutions of local social problems and natural resource management both in urban and rural areas.
2. Innovative knowledge of quality assurance system for animal-related products and distribution controls.
3. Innovative knowledge of the impact of environment problems that effect the natural well-being of wildlife and their solutions.
4. Innovative knowledge of technological sciences, health sciences and social sciences for the development of health services, well-being and strength of the community and environmental quality.
5. Innovative knowledge in epidemiology and diagnostic techniques for pets, wildlife and livestock.

Period of Study

Plan A Type A1 and Plan A Type A2
The program is designed to be 2 academic years, and the period of study shall not exceed 4 academic years.

Tuition Fees

Plan A Type A1
400,000 Baht/student
Plan A Type A2
400,000 Baht/student

Contact

The Graduate School, Chiang Mai University
Tel: 66-53-942400-6
www.gred.cmu.ac.th
Veterinary Graduate School team
Faculty of Veterinary Medicine, Chiang Mai University
Mae Hia, Muang, Chiang Mai 50100 Thailand
Tel: 66-53-944026
Email: dean.vet@cmu.ac.th
http://www.vet.cmu.ac.th

Outstanding research

Department of Companion Animal and Wildlife Clinic

1. Elephant and Wildlife Clinic
Chilled and frozen semen, and artificial insemination in Thai elephant (Elephas maximus) – Best project award 2009, Science and Technology, Royal Thai Government.

2. Equine Clinic
Effect of sesamoin on protection of equine articular cartilage degradation in vitro

3. Small Animal Clinic
Modified using Motion Capture for diagnosis of canine osteoarthritis

Department of Veterinary Bioscience and Veterinary Public Health

1. Division of Veterinary Preclinical
Characterization of estrous cycle and follicular wave in goats using hormonal profile for programing estrous synchronization

2. Division of Veterinary Parasitic
Characterization of recombinant OmpH and Gp 39 proteins to inhibit adhesion of Pasteurella multocida to chicken embryo fibroblast (CEF) cell

3. Division of Veterinary Public Health
Incidence of antimicrobial resistance in foodborne pathogens in food animal producing industry

Department of Food Animal Clinic

1. Swine Clinic
Quantitative Risk Assessment and Probabilistic Model of Salmonella Contaminated in Swine Production Comparing between Co-operative and Integrated Farm Types in Upper-northern Part of Thailand

2. Aquatic Animal Clinic
Development of Nano emulsion and Micro emulsion of Clove Oil for Fish Aesthetic treatment

3. Poultry Clinic
Integration of Community Based, Local Administrative Organization and Government Sector in Monitoring and Controlling Avian Influenza in Northern Thailand

Student Qualifications

1. The applicant must have a Bachelor Degree in Veterinary Medicine

2. The applicants must have a professional or research experience for at least 1 year or a presentation in a peer review conference or a published/accepted for publication in journal which is accepted in that program, and the first author is student. (For Plan A Type A1)

3. The applicant must show proficiency in the English language, and have at least one of the following qualifications:
   - TOEFL a minimum of 500 (Paper-based) or 173 (Computer-based) or 61 (Internet-based)
   - IELTS a minimum of Band 5.5
   - TEGS a minimum of 65 and also pass a standard test within 2 years before the application. The applicant is foreign student who use the English language as official language will be approved by the program director or a member of the curriculum’s executive committee.

4. Any qualification the consideration will be under the curriculum’s executive committee in Veterinary Science

5. The applicant can be Thai or foreigner who need all requirement.
MASTER OF SCIENCE PROGRAM IN VETERINARY SCIENCE (INTERNATIONAL PROGRAM)
Faculty of Veterinary Medicine and the Graduate School, Chiang Mai

1. Name of the program
   Master of Science Program in Veterinary Science (International Program)

2. Name of the degree
   (Full) Master of Science (Veterinary Science)
   (Abbr.) M.S. (Veterinary Science)

3. Total credit hours in the program
   - Plan A Type A1 Thesis total 36 credits
   - Plan A Type A2 Courses work 24 credits and Thesis 12 credits. Total 36 credits

4. Period of Study
   The program is designed to be 2 academic years, and the period of study shall not exceed 4 academic years.

5. Tuition Fee
   400,000 Baht (100,000 Baht per semester)

6. Academic activities
   **Plan A Type A1**
   1. A student has to organize seminar and present paper on the topic related to his/her thesis once in every semester for at least three semesters and students have to attend seminar every semester that the course is offered.

   2. The whole or part of a thesis must be published or accepted for journal which categorized in TCI Tier1 at least 1 paper and presented at the conference at least 1 paper.

   3. A student has to report thesis progression to the Graduate School every semesters which approved by the Chairman of the Graduate Study Committee.

   **Plan A Type A2**
   1. A student has to organize and present a seminar on the topic related to his/her thesis at least once per semester. This requirement is mandatory in semesters with or without registrations of seminar in veterinary science courses, and students have to attend seminar every semester through out the program.
7. **Student Qualifications**

**Plan A Type A1**

1. The applicant must have a Bachelor Degree in Veterinary Medicine.
2. The applicant must have a professional or research experience for at least 1 year or a presentation in a peer review conference or a published/accepted for publication in journal which is accepted in that program, and the first author is student.
3. The applicant must show proficiency in the English language, and have at least one of the following qualifications
   3.1. TOEFL a minimum of 500 (Paper – based) or 173 (Computer – based) or 61 (Internet – based)
   3.2. IELTS a minimum of Band 5.5
   3.3. CMU–eTEGS a minimum of 65
   3.4 CU–TEP a minimum of 75
   3.5 TU–GET a minimum of 550
   3.6 KU–EPT a minimum of 60

   and also pass a standard test within 2 year before the application. The applicant is foreign student who use the English language as official language will be approved by the program director or a member of the curriculum’s executive committee.

4. Any qualification the consideration will be under the curriculum’s executive committee in Veterinary Science.

5. The applicant can be Thai or Foreigner who will be able to study in this program.

**Plan A Type A2**

1. The applicant must have a Bachelor Degree in Veterinary Medicine.
2. The applicant must show proficiency in the English language, and have at least one of the following qualifications
   2.1. TOEFL a minimum of 500 (Paper – based) or 173 (Computer – based) or 61 (Internet – based)
   2.2. IELTS a minimum of Band 5.5
   2.3. CMU–eTEGS a minimum of 65
   2.4 CU–TEP a minimum of 75
   2.5 TU–GET a minimum of 550
   2.6 KU–EPT a minimum of 60
and also pass a standard test within 2 year before the application. The applicant is foreign student who use the English language as official language will be approved by the program director or a member of the curriculum’s executive committee.

3. Any qualification the consideration will be under the curriculum’s executive committee in Veterinary Science.

4. The applicant can be Thai or Foreigner who will be able to study in this program.

8. Study Plan

Plan A Type A1

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<thead>
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<th>First year</th>
<th>Credits</th>
<th>2nd semester</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Registration for university services</td>
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<td>VSC 799 (653799)</td>
<td>Thesis</td>
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<tr>
<td>Pass the foreign language requirement</td>
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<td>Presentation or participation in seminar</td>
<td>–</td>
</tr>
<tr>
<td>Pass qualifying examination</td>
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</tr>
<tr>
<td>Present thesis proposal</td>
<td>–</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Presentation or participation in seminar</td>
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<td></td>
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<th>Credits</th>
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<td>VSC 799 (653799) Thesis</td>
<td>12</td>
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<tr>
<td>Presentation or participation in seminar</td>
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Total credits earned 36 credits
Plan A Type A2

First year

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<td>653791 Seminar in Veterinary Science 1</td>
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<td>653702 Statistics for Research in Veterinary Science</td>
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<tr>
<td>653703 Research Methods in Veterinary Science</td>
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<tr>
<td>Elective courses</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Presentation or participation in seminar</td>
<td>–</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
<td><strong>Total</strong></td>
<td><strong>11</strong></td>
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</table>

Second year

<table>
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<th>1st semester</th>
<th>Credits</th>
<th>2nd semester</th>
<th>Credits</th>
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<td>653792 Seminar in Veterinary Science21</td>
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<td>653797 Thesis</td>
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<tr>
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</table>

Total credits earned 36 credits
9. **Ratification**

   To be accordance with Chiang Mai University regulations on Postgraduate Education 2007 as follows:

**Plan A Type A1**

1. A student must have passed the foreign language requirement as set by the Graduate School.
2. A student must have completed the particular curriculum and have met all of the requirements set by the study program.
3. A student must have successfully defended a thesis.
4. The whole or part of a thesis must be published or accepted for journal which categorized in TCI Tier1 at least 1 paper and presented at the conference at least 1 paper.
5. A student has met the qualifications as outlined in the Chiang Mai University Regulations on Student Honors, 2007.

**Plan A Type A2**

1. A student must have passed the foreign language requirement as set by the Graduate School.
2. A student must have completed the particular curriculum and have met all of the requirements set by the study program.
3. Earning accumulated grad point average (GPA) of at least 3.00 for all courses taken, and a GPA of not less than 3.00 for the chosen of specialization.
4. A student must have successfully defended a thesis.
5. The whole or part of a thesis must be published or accepted for journal which categorized in TCI Tier1 at least 1 paper.
6. A student has met the qualifications as outlined in the Chiang Mai University Regulations on Student Honors, 2007.