I 授業と履修(Course and Registration)

1. 大学院の授業と履修の仕方 Course Registration Guideline

本学院の修了要件は、所定の期間在学し、38 単位(必修科目 18 単位、選択必修科目 10 単位、選択 科目 10 単位以上)以上の授業科目を修得し、かつ博士論文の審査および試験に合格する事である。

To complete the doctoral program at the Graduate School of Veterinary Medicine, students must basically be enrolled for at least four years and should complete a minimum of 38 credits, submit a Doctoral thesis, and pass a review and final examinations. Candidates must earn 18 credits in required subjects, 10 credits in required elective subjects, and a minimum of 10 credits in elective subjects.

標準修了年限は 4 年とし、8 年を越えて在学することはできない。なお、在学期間は、優れた研究 業績を上げたものについては 3 年以上在学すれば足りるものとし、標準修業年限を越えて課程を修了 する「長期履修」の場合は 6 年以内とする (事前協議が必要)。また、4 年を超えて休学する事は出来 ない。

In principle, students should complete the program within 4 years, but the maximum time permissible is 8 years. A highly qualified student can complete all requirements for a doctoral degree within 3 years. "Long term course study", which allow student to complete the Ph.D. program longer than the standard duration of course study (4 years), the maximum duration of course study should be 6 years (prior consultation is requested). Maximum duration of registered absence from school is a total of 4 years.

【博士(感染症学)及び博士(獣医学)取得のための履修方法ガイドライン】

[Guideline of course registration for obtaining Doctoral degree in Infectious Diseases and Doctoral degree in Veterinary Medicine]

本学院で取得出来る学位は二つあり、取得を目指す学位により履修する科目が異なる。

後述の履修モデルも参照すること。

学位の内容については、Ⅲ 学位申請を参照すること。

Students can obtain two kinds of degree in this Graduate School, and the subjects which they need to take differ depending on the degree.

Students also need to refer to the model curriculum (described later).

Regarding the details of the degrees, refer to the III Doctoral Thesis.

| 学位 | 感染症学 | 獣医学 |
|-------------------|-------------------------------------|-------------------------------------|
| Doctoral | Infectious Diseases | Veterinary Medicine |
| degree | | |
| 必修科目 | 両学位 | Z共通 |
| Required | Both degrees require | e the same subjects |
| Subjects | | |
| 選択必修科目 | 感染症学特別研究 IIA | 感染症学特別研究 IIB |
| Required elective | Research on Infectious Diseases IIA | Research on Infectious Diseases IIB |
| subjects | 海外インターンシップ A | 海外インターンシップ B |
| Subjects | Internships Abroad A | Internships Abroad B |
| 選択科目 | 獣医科学・感染 | 验定学基礎科目 |
| Elective | Subjects on Fundamental Veterinar | ry Science and Infectious Diseases |

| subjects | S | 国際感染症学コア科目 I | | | | | | | |
|----------|---|--|-----------------------------|--|--|--|--|--|--|
| | | Core Subjects on Infectious Diseases I | | | | | | | |
| | | 国際感染症学コア科目 IIA | 国際感染症学コア科目 IIB | | | | | | |
| | | Core Subjects on Infectious Diseases | Core Subjects on Infectious | | | | | | |
| | | IIA | Diseases IIB | | | | | | |

※本学院の授業は全て英語で開講。

必修科目:18 単位修得

Required subjects: 18 credits required

| Required subjects: 16 Ci | | | |
|--------------------------|---------|--------|---|
| 科目名 | 単位数 | 開講年次 | 備考 |
| Subject | Credits | School | Remarks |
| | | year | |
| 感染症学特別研究 I | 8 | 1 - 2 | 1~2 年次に行う博士論文作成に係わる試験研 |
| Research on | | | 究。 |
| Infectious Diseases I | | | Independent research for a doctoral thesis |
| | | | during first 2 years |
| 感染症学特別演習 | 2 | 1 - 4 | 所属教室のセミナー参加・発表等・研究経過報 |
| Advanced Seminar on | | | 告会。 |
| Infectious Diseases | | | Participation in and presentation at a |
| | | | seminar under the student's primary |
| | | | research advisor. Seminar for presentations |
| | | | about the progress of research for the |
| | | | doctoral thesis. |
| アカデミックイングリ | 2 | 1 | 実践的な英会話や表現能力を向上させることを |
| ッシュ | | | 目的とした英語授業。 |
| Academic English | | | English class to improve students' |
| | | | English ability in practical conversation and |
| | | | presentation skills. |
| 研究倫理演習 | 1 | 1 | 研究を遂行する上で必要な倫理や動物実験倫 |
| Research Ethics | | | 理、法令等の知識を習得するための講義および |
| Seminar | | | グループ討議等。 |
| | | | Lectures and group works/discussion to |
| | | | acquire the research ethics and animal |
| | | | experiment ethics as a scientist. |
| 人獣共通感染症対策専 | 5 | 2 | 人獣共通感染症対策専門家となるために必須な |
| 門特論 | | | 知識と技術を習得するための講義および実習。 |
| Advanced and | | | Lectures and experimental practice to |
| Comprehensive | | | acquire the knowledge and techniques |
| Studies on Zoonosis | | | essential to be a Zoonosis Control Expert. |
| Control | | | |

選択必修科目:10単位修得("A"か"B"いずれかの10単位修得)

Required elective subjects: 10 credits required (10 credits of either "A" or "B")

| required elective edeject | +0 0.00 | nto i equil eu | (10 6 6 6 6 6 6 6 6 7 7 6 7 7 7 |
|---------------------------|---------|----------------|---------------------------------|
| 科目名 | 単位数 | 開講年次 | 備考 |
| Subject | Credits | School | Remarks |
| | | year | |
| 感染症学特別研究 IIA | 8 | 3 - 4 | 感染症学博士の取得に向けて、3~4年次に行う |

^{*}All subjects in the Graduate School will be offered in English.

| Research on | | | 博士論文作成に係わる試験研究である。 |
|----------------------|---|-------|--|
| Infectious Diseases | | | |
| | | | Independent research for a doctoral thesis |
| IIA | | | for the acquisition of a doctoral degree in |
| | | | Infectious Diseases during the last 2 years |
| 感染症学特別研究 IIB | 8 | 3 - 4 | 獣医学博士の取得に向けて、3~4年次に行う博 |
| Research on | | | 士論文作成に係わる試験研究である。 |
| Infectious Diseases | | | Independent research for a doctoral thesis |
| IIB | | | for the acquisition of a doctoral degree in |
| | | | Veterinary Medicine during the last 2 years. |
| 海外インターンシップ A | 2 | 3 - 4 | 感染症の制御に関する海外の機関での就労体験 |
| Internships Abroad A | 2 | 3 4 | を通じて学生のキャリアプラン形成を支援する。 |
| Internships Abroad A | | | |
| | | | 合計1週間以上の活動に対して単位を認定する。 |
| | | | ビザ等の関係で海外活動が制限される留学生は |
| | | | 日本国内のインターンシップにより単位を認定 |
| | | | する。 |
| | | | The aim of this internship is to support |
| | | | students in developing their career plan |
| | | | through occupational training at institutes, |
| | | | organizations, and companies overseas on |
| | | | the control of infectious diseases. Activities |
| | | | with a total of one week or longer will be |
| | | | required to earn credits. International |
| | | | students who are unable to do field study |
| | | | · · |
| | | | outside of Japan due to Visa status will earn |
| 1 | _ | | credits by equivalent internships in Japan. |
| 海外インターンシップ B | 2 | 3 - 4 | 感染症学に関する海外の機関での就労体験、フィ |
| Internships Abroad B | | | ールド調査、共同研究等を通じて学生のキャリア |
| | | | プラン形成を支援する。合計 1 週間以上の活動 |
| | | | に対して単位を認定する。ビザ等の関係で海外活 |
| | | | 動が制限される留学生は日本国内のインターン |
| | | | シップにより単位を認定する。 |
| | | | The aim of this internship is to support |
| | | | students in developing their career plan |
| | | | through occupational training, field study |
| | | | and collaborative research at institutes, |
| | | | · |
| | | | organizations, and companies overseas on |
| | | | the field of infectious diseases. Activities |
| | | | with a total of one week or longer will be |
| | | | required to earn credits. International |
| | | | students who are unable to do field study |
| | | | outside of Japan due to Visa status will earn |
| | | | credits by equivalent internships in Japan. |

選択科目:

10 単位以上修得すること(Elective subject: a minimum of 10 credits)

| 10 + BYT P O C | o 中世外上がありませて(Elective Subjecti & Hillimitati of 10 dicute) | | | | | | | | | | |
|--------------------|--|--------|------------------------|--|--|--|--|--|--|--|--|
| 科目名 | 単位数 | 開講年次 | 備考 | | | | | | | | |
| Subject | Credits | School | Remarks | | | | | | | | |
| | | year | | | | | | | | | |
| 獣医科学・感染症学基礎 | 1 | 1 | 複数の授業が開講される。各授業科目を修得した | | | | | | | | |

| | I | I | |
|--|--------|---|---|
| 科目 Subjects on Fundamental | | | 場合に 1 単位を与える。 Students should register for several sub- topics in Subjects on Fundamental |
| Veterinary Science and Infectious Diseases | | | Veterinary Science and Infectious Diseases. One credit can be earned per sub-topic. |
| 」 国際感染症学コア科目 I | 1 | 2 | |
| Core Subjects on Infectious Diseases I | 1 | 2 | で、複数の授業が開講される。各授業科目を修得した場合に1単位を与える。 |
| | | | Students should register for several subtopics in Core Subjects on Infectious |
| | | | Diseases. One credit can be earned per |
| | 4 | 2 | sub-topic. |
| 国際感染症学コア科目 IIA | 1 | 2 | 感染症学博士の取得に向けて、高度な専門性の修 得する目的で、複数の授業が開講される。各授業 |
| Core Subjects on Infectious Diseases | | | 科目を修得した場合に 1 単位を与える。 Students should register for several sub- |
| IIIA | | | topics in Core Subjects on Infectious |
| 117 | | | Diseases for the acquisition of a doctoral |
| | | | degree in Infectious Diseases. One credit |
| | | | can be earned per sub-topic. |
| 国際感染症学コア科目 | 1 | 2 | 獣医学博士の取得に向けて、高度な専門性の修得 |
| IIB | | | する目的で、複数の授業が開講される。各授業科 |
| Core Subjects on | | | 目を修得した場合に1単位を与える。 |
| Infectious Diseases | | | Students should register for several sub- |
| IIB | | | topics in Core Subjects on Veterinary |
| | | | Medicine for the acquisition of a doctoral |
| | | | degree in Infectious Diseases. One credit |
| | | | can be earned per sub-topic. |
| 医倫理学 (医学院開講科目) | 1 | | 国際感染症学コア科目 IIA および IIB の一部として受講できる。 |
| Medical Ethics | | | Students should earn one credits as a part |
| (open at Graduate | | | of Core Subjects on Infectious Diseases I. |
| School of Medicine) | | | |
| 大学院共通授業科目 | 1 or 2 | | 全学の大学院生を対象にした授業。 |
| Inter-Graduate | | | 「基礎医学 I」、「基礎臨床医学 I」、「疫学演習 I」 |
| School Classes | | | の履修を推奨。 |
| | | | Courses available to all graduate students |
| | | | at the university. Students should earn |
| | | | credits of Basic Medical Biology I and/or |
| | | | Basic Clinical Medicine I as a part of |
| | | | Subjects on Fundamental Veterinary |
| | | | Science and Infectious Diseases, and |
| | | | Practice in Epidemiology I as a part of Core Subjects on Infectious Diseases I. |
| | | | Subjects on injectious Diseases I. |

標準修業年限(4年間)での単位修得スケジュール

The schedule for acquisition of credits required for graduation in the standard number of years [4 years].

| | | 20 | 17 | 20 | 18 | 2019 | | 2020 | |
|-------------------|------------------------------|----------------------|----|----------------------|----|----------------------|----|----------------------|------|
| | 授業科目(単位数) | 1 年 | =次 | 2 年次 | | 3 年次 | | 4 年次 | |
| Subject (credits) | | 1 st year | | 2 rd year | | 3 rd year | | 4 th year | |
| | | I | II | III | IV | V | VI | VII | VIII |
| | 感染症学特別研究 I (8) | | | | | | | | |
| | Research on Infectious | | | | | | | | |
| | Diseases I (8) | | | | | | | | |
| | 感染症学特別演習 (2) | | | | | | | | |
| | Advanced Seminar on | | | | | | | | |
| > 1/4 | Infectious Diseases (2) | | | | | | | | |
| 必修 | アカデミックイングリッシュ(2) | | | | | | | | |
| Required (18) | Academic English (2) | | | | | | | | |
| (10) | 研究倫理演習 (1) | | | | | | | | |
| | Research Ethics Seminar (1) | | | | | | | | |
| | 人獸共通感染症対策専門特論 (5) | | | | | | | | |
| | Advanced and Comprehensive | | | | | | | | |
| | Studies on Zoonosis Control | | | | | | | | |
| | (5) | | | | | | | | |
| '라+미 〉/성 | 感染症学特別研究 IIA/IIB (8) | | | | | | | | |
| 選択必修 | Research on Infectious | | | | | | | | |
| Required elective | Diseases IIA/IIB (8) | | | | | | | | |
| | 海外インターンシップ A/B (2) | | | | | | | | |
| (10) | Internship Abroad A/B (2) | | | | | | | | |
| 選択 | 獣医科学・感染症学基礎科目 (1) | | | | | | | | |
| Elective | Subjects on Fundamental | | | | | | | | |
| (10) | Veterinary Science and | | | | | | | | |
| | Infectious Diseases (1) | | | | | | | | |
| | 国際感染症学コア科目 I (1) | | | | _ | | | | |
| | Core Subjects on Infectious | | | | | | | | |
| | Diseases I (1) | | | | | | | | |
| | 国際感染症学コア科目 IIA/IIB(1) | | | | | | | | |
| | Core Subjects on Infectious | | | | | | | | |
| | Diseases IIA/IIB (1) | | | | | | | | |
| | 医倫理学(医学院開講)(2)およ | | | | | | | | |
| | び大学院共通授業科目 (1 or 2) | | | | | | | | |
| | Medical Ethics opened at | | | | | | | | |
| | Graduate School of Medicine, | | | | | | | | |
| | and Inter-Graduate School | | | | | | | | |
| | Classes (1or2) | | | | | | | | |

1 0月入学者向け For October Enrollee

標準修業年限(4年間)での単位修得スケジュール

The schedule for acquisition of credits required for graduation in the standard number of years [4 years].

| | | 2017 | 20 |)18 20 | |)19 20 | | 20 | 2021 |
|--------------------------------|--------------------------------|------|------|----------------------|------|----------------------|----|----------------------|------|
| | 授業科目(単位数) Subject (credits) | | 1 年次 | | 2 年次 | | F次 | 欠 4年 | |
| | | | /ear | 2 rd year | | 3 rd year | | 4 th year | |
| , (= == -, | | I | II | III | IV | V | VI | VII | VIII |
| | 感染症学特別研究 I (8) | | | | | | | | |
| | Research on Infectious | | | | | | | | |
| | Diseases I (8) | | | | | | | | |
| | 感染症学特別演習 (2) | | | | | | | | |
| | Advanced Seminar on | | | | | | | | |
| <i>> 1</i> / \ \ | Infectious Diseases (2) | | | | | | | | |
| 必修 | アカデミックイングリッシュ(2) | | | | | | | | |
| Required (18) | Academic English (2) | | | | | | | | |
| (10) | 研究倫理演習 (1) | | | | | | | | |
| | Research Ethics Seminar (1) | | | | | | | | |
| | 人獸共通感染症対策専門特論 (5) | | | | | | | | |
| | Advanced and Comprehensive | | | | | | | | |
| | Studies on Zoonosis Control | | | | | | | | |
| | (5) | | | | | | | | |
| 253.10.12.1/2 | 感染症学特別研究 IIA/IIB (8) | | | | | | | | |
| 選択必修 | Research on Infectious | | | | | | | | |
| Required elective | Diseases IIA/IIB (8) | | | | | | | | |
| | 海外インターンシップ A/B (2) | | | | | | | | |
| (10) | Internship Abroad A/B (2) | | | | | | | | |
| 選択 | 獣医科学・感染症学基礎科目 (1) | | | | | | | | |
| Elective | Subjects on Fundamental | | | | | | | | |
| (10) | Veterinary Science and | | | | | | | | |
| | Infectious Diseases (1) | | | | | | | | |
| | 国際感染症学コア科目 I (1) | | | | | | | | |
| | Core Subjects on Infectious | | | | | | | | |
| | Diseases I (1) | | | | | | | | |
| | 国際感染症学コア科目 IIA/IIB(1) | | | | | | | | |
| | Core Subjects on Infectious | | | | | | | | |
| | Diseases IIA/IIB (1) | | | | | | | | |
| | 医倫理学(医学院開講)(2)およ | | | | | | | | |
| | び大学院共通授業科目 (1 or 2) | | | | | | | | |
| | Medical Ethics opened at | | | | | | | | |
| | Graduate School of Medicine, | | | | | | | | |
| | and Inter-Graduate School | | | | | | | | |
| | Classes (1or2) | | | | | | | | |

必修科目、選択必修科目及び選択科目の履修法について

Details about Registration in Required Subjects, Required Elective Subjects and Elective Subjects

1. 修了要件単位数 (Credit requirements):

必修単位 18 単位、選択必修科目 10 単位および選択単位 10 単位以上を含む 38 単位以上 A minimum of 38 credits including 18 credits in required subjects, 10 credits in required elective subjects and a minimum of 10 credits in elective subjects.

2. 必修科目について (Required Subjects)

18 単位修得すること。感染症学特別研究 I(8 単位、 $1\sim2$ 年次開講)、感染症学特別演習(2 単位、 $1\sim4$ 年次開講)、アカデミックイングリッシュ(2 単位、1 年次開講)、研究倫理演習(1 単位、1 年次開講)、人獣共通感染症対策専門特論(5 単位、2 年次開講(10 月入学者は 1 年次開講)) を履修する。

Students should earn 18 credits of required subjects. Required subjects are Research on Infectious Diseases I (8 credits, 1st-2nd year), Advanced Seminar on Infectious Diseases (2 credits, 1st-4th year), Academic English (2 credits, 1st year), Research Ethics Seminar (1 credits, 1st year), and Advanced and Comprehensive Studies on Zoonosis Control (5 credits, 2nd year (1st year for October Enrollee)).

3. アカデミックイングリッシュ(Academic English)

必修科目であり、2単位修得すること。ただし、英語を母国語とする留学生、英語能力が高い外国人留学生は、北海道大学国際部国際教育研究センターが実施する「一般日本語コース」の受講により単位を認定することができるので、一般日本語コースの受講を推奨する。また、英語を母国語とする学生、およびネィティブスピーカーレベルの英語能力を有する学生は、認定により単位を与える場合がある。

Students should earn 2 credits of this required subjects. Those who speak English as their first language and international students who have high English proficiency are recommended to take "General Japanese Language Course" provided by the International Student Center Hokkaido University, instead of Academic English, to earn the credits. Alternatively, those who speak English as their first language, and students who have native-level English ability, may receive credits by authorization.

4. 人獣共通感染症対策専門特論 (Advanced and Comprehensive Studies on Zoonosis Control) 必修科目であり、5 単位修得すること。詳細は平成 30 年 4 月に提示する。

Students should earn 5 credits of this required subjects. Registration information on registration will be announced in April, 2018.

5. 人獣共通感染症対策専門家認定試験(Certification Examination for Zoonosis Control Expert (ZCE))

4年次で人獣共通感染症対策専門家認定試験を受験する。なお以下の受験資格を満たす場合(予定を含む)は、3年次で人獣共通感染症対策専門家認定試験を受験できる。ただし、合格した場合でも、専門家認定は学位取得時となる。なお、認定試験の合否は、修了要件には含まれない。 Students should take the examination for Zoonosis Control Expert Certification at 4th years of the program. Students who have earned all required credits for taking certification examination are eligible to take the examination in 3rd year, though certification of ZCE will be issued at the time to obtain PhD degree. However, passing the examination is not required for the acquisition of PhD degree.

Eligibility requirements:

- · Acquisition of all the credits that should be obtained in the 1st and 2nd years.
- Acquisition of the credits for Advanced and Comprehensive Studies on Zoonosis Control (including students who are expected to earn the credits).
- Acquisition of the credits for either Internships Abroad A or B (including students who are expected to earn the credits).

6. 選択必修科目について (Required Elective Subjects)

3年次以降に10単位を修得すること。科目の選択については、指導教員やアドバイザーと十分に話し合って決める。博士(感染症学)の取得を目指す者は、感染症学特別研究 IIA 及び海外インターンシップ A を、博士(獣医学)の取得を目指す者は、感染症学特別研究 IIB 及び海外インターンシップ B を履修する。

Students should earn 10 credits during 3rd and 4th years of the program. Students should discuss with their supervisors and advisers, and decide which subjects they take. Students who hope to acquire Doctoral Degree in Infectious Diseases choose both Research on Infectious Diseases IIA and Internships Abroad A, while those who hope to acquire Doctoral Degree in Veterinary Medicine choose both Research on Infectious Diseases IIB and Internships Abroad B.

7. 海外インターンシップ A 及び B(Internships Abroad A and B)

必修科目なので、海外インターンシップ A(博士(感染症学)の取得を目指す学生が履修する)あるいは B(博士(獣医学)の取得を目指す学生が履修する)を必ず履修すること。合計 1 週間以上の活動に対して単位を認定する。ビザ等の関係で海外活動が制限される留学生は日本国内のインターンシップにより単位を認定する。詳細は後日周知する。

Registration information will be announced in April, 2018. Students are required to complete an Internship Abroad A (for students who hope to acquire Doctoral Degree in Infectious Diseases) or B (for students who hope to acquire Doctoral Degree in Veterinary Medicine). Activities with a total of one week or longer will be required to earn credits. International students who are unable to do field study outside of Japan due to Visa status will earn credits by equivalent internships in Japan. The details will be announced later.

8. 獣医科学・感染症学基礎科目(Subjects on Fundamental Veterinary Science and Infectious Diseases)

獣医科学・感染症学基礎科目として開講される科目を 6 単位以上取得すること。このうち、研究機器演習(1 単位)の履修は強く勧める。また 4 単位を上限として、大学院共通科目である基礎医学 I や基礎臨床医学 I を獣医科学・感染症学基礎科目として算入できる(履修を強く推奨)。Register for sub-topics in Subjects on Fundamental Veterinary Science and Infectious

Diseases to obtain a minimum of 6 credits. It is highly recommended that a credit is earned in Practice on Analytical Machines (1 credits). Students should earn a maximum of 4 credits from Basic Medical Biology I and/or Basic Clinical Medicine I, both of which are Inter-Graduate School Classes as a part of Subjects on Fundamental Veterinary Science and Infectious Diseases.

9. 国際感染症学コア科目 I(Core Subjects on Infectious Diseases I)

国際感染症学コア科目 I として開講される科目を 2 単位以上取得すること。また 2 単位を上限として、疫学演習 I (大学院共通科目) や医倫理学(医学院開講科目) を国際感染症学コア科目 I として算入できる(履修を強く推奨)。

Register for sub-topics in Subjects on Core Subjects on Infectious Diseases I to obtain a minimum of 2 credits. It is strongly recommended to earn a maximum of 2 credits from Practice in Epidemiology I (1 credit, Inter-Graduate School Classes) and/or Medical

Ethics (1 credit, opened at Graduate School of Medicine) as a part of Core Subjects on Infectious Diseases I.

10. 国際感染症学コア科目 IIA 及び IIB (Core Subjects on Infectious Diseases IIA and IIB) 国際感染症学コア科目 IIA (博士(感染症学)の取得を目指す学生が履修する) あるいは IIB (博士(獣医学)の取得を目指す学生が履修する)として開講される科目を 2 単位以上取得すること。

Register for sub-topics in Subjects on Core Subjects on either Infectious Diseases IIA (for students who hope to acquire Doctoral Degree in Infectious Diseases) or IIB (for students who hope to acquire Doctoral Degree in Veterinary Medicine) to obtain a minimum of 2 credits.

履修届について(Registration for courses)

本学院において開講される授業の履修届けの提出については、毎年4月中旬および10月中旬に連絡する。なお、大学院共通授業科目については、北海道大学HP上の電子ブック(http://www.hokudai.ac.jp/gakusei/instruction-info/gclass/)を参照すること。

Application procedure of the course registration for classes held by the Graduate School of Veterinary Medicine will be announced in the middle of April and October in each year. Students should apply for "Inter-Graduate School Classes" according to the instruction in Hokkaido University website (http://www.hokudai.ac.jp/gakusei/instruction-info/gclass/).

単位取得状況の確認方法について (Confirmation of acquisition of credits)

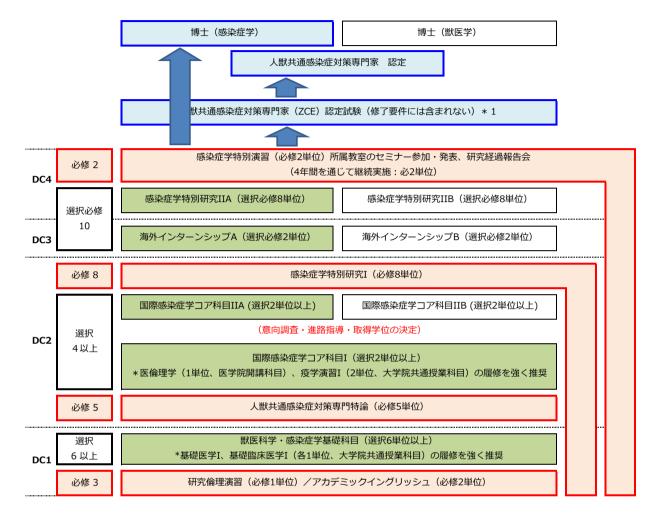
単位の修得状況については、ELMS ポータルの Web 履修システムから確認出来る。

Acquired credits are available in the Web Course Registration System in the ELMS System.

Ⅰ-2. 履修モデル

リーディングプログラム

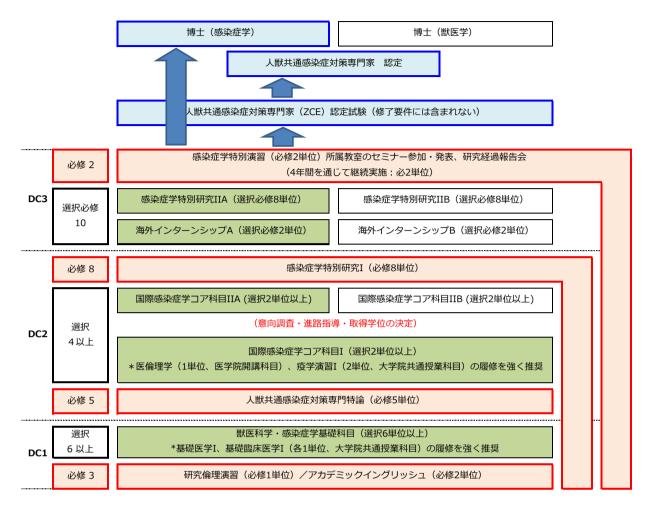
●博士(感染症学)を取得する場合



- 1. DC2以降の選択科目、選択必修科目の履修については、指導教員等と必ず相談すること (意向調査・進路指導・取得学位の決定)。
- 2. 人獣共通感染症対策専門家(ZCE)認定試験は、必ず受験すること。

リーディングプログラム

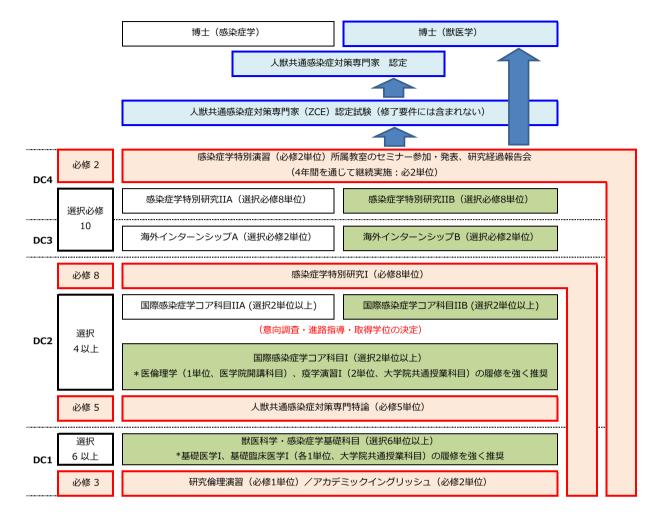
●3年間で短縮修了を目指し、博士(感染症学)を取得する場合



- 1. DC2以降の選択科目、選択必修科目の履修については、指導教員等と必ず相談すること(**意向調査・進路指導・取得学位の決定**)。
- 2. 人獣共通感染症対策専門家 (ZCE) 認定試験は、必ず受験すること。

リーディングプログラム

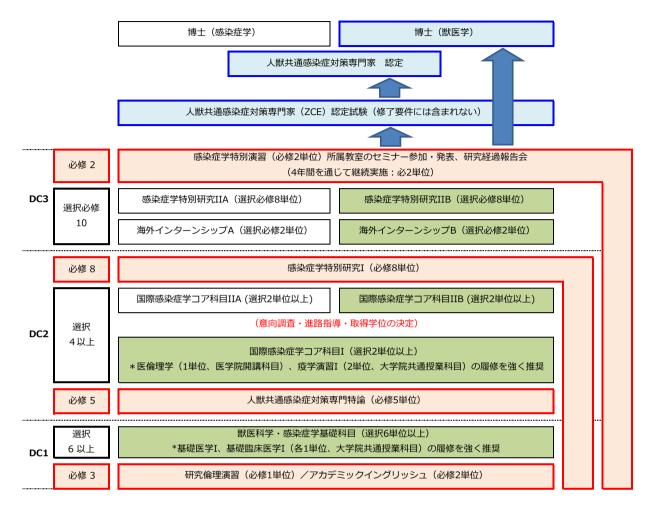
●博士(獣医学)を取得する場合



- 1. DC2以降の選択科目、選択必修科目の履修については、指導教員等と必ず相談すること(意向調査・進路指導・取得学位の決定)。
- 2. 人獣共通感染症対策専門家 (ZCE) 認定試験は、必ず受験すること。

リーディングプログラム

●3年間で短縮修了を目指し、博士(獣医学)を取得する場合

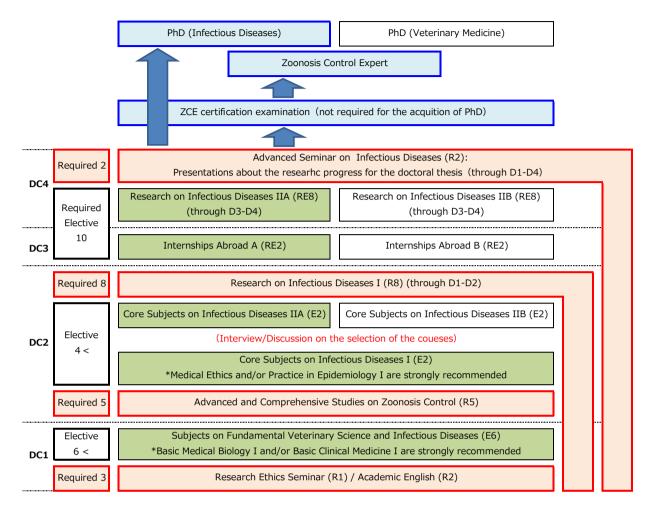


- 1. DC2以降の選択科目、選択必修科目の履修については、指導教員等と必ず相談すること(**意向調査・進路指導・取得学位の決定**)。
- 2. 人獣共通感染症対策専門家(ZCE)認定試験は、必ず受験すること。

I-2. Model of Registration

Program for Leading Graduate Schools

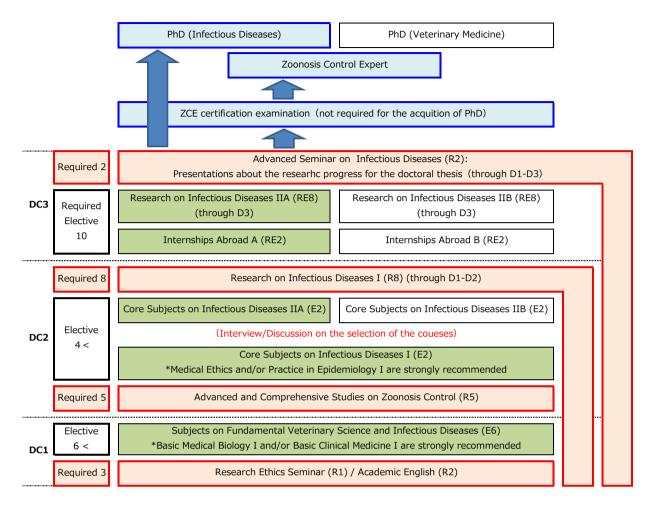
PhD (Infectious Diseases)



- 1. Seletion of Elective and Required Elective Subjects after D2 is decided through interview/discussion with supervisor (Interview/Discussion on the selection of the coueses).
- 2. All of the students are required to take ZCE certification examination.

Program for Leading Graduate Schools

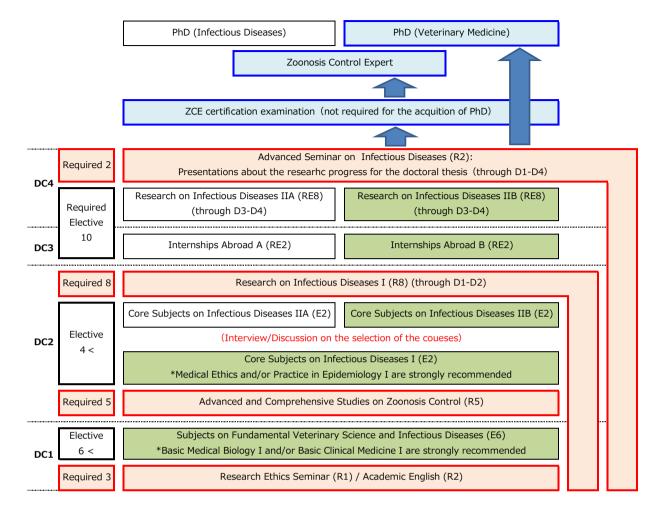
● PhD (Infectious Diseases) (Accelerated completion, 3 years)



- 1. Seletion of Elective and Required Elective Subjects after D2 is decided through interview/discussion with supervisor (Interview/Discussion on the selection of the coueses).
- 2. All of the students are required to take ZCE certification examination.

Program for Leading Graduate Schools

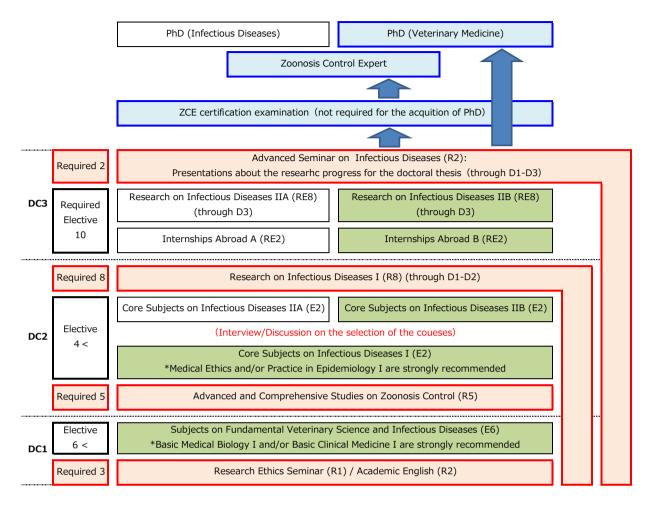
● PhD (Veterinary Medicine)



- 1. Seletion of Elective and Required Elective Subjects after D2 is decided through interview/discussion with supervisor (Interview/Discussion on the selection of the coueses).
- 2. All of the students are required to take ZCE certification examination.

Program for Leading Graduate Schools

● PhD (Veterinary Medicine) (Accelerated completion, 3 years)



- 1. Seletion of Elective and Required Elective Subjects after D2 is decided through interview/discussion with supervisor (Interview/Discussion on the selection of the coueses).
- 2. All of the students are required to take ZCE certification examination.

平成29年度大学院国際感染症学院科目一覧

Subject List of Graduate School of Infectious Diseases. Academic year 2017

| | Subject List of Graduate School of Infectious Diseases, Academic year 2017 | | | | | | | | | | |
|----------------------|---|--|---------------------------------|-------------------------------------|---------------|----------------|--|---|--|--|--|
| | 開講科目名 Course Title | 講義題目 Subtitle | ナンバリング コード Numbering Code | 責任教員 Instructor | 単位 Credits | 言語 Language | 4月八子名 開講期 Semester for student enrolled in April | 10月入学名 開講期 Semester for student enrolled in October | | | |
| | 感染症学特別研究I Research on Infectious Diseases I | | INF_G7001 | 教務委員会 Academic Affairs Committee | 8 | Eng | I–IV | I-IV | | | |
| 必修 | 感染症学特別演習 Advanced Seminar on Infectious Diseases | | INF_G7001 | 教務委員会 Academic Affairs Committee | 2 | Eng | I-VIII | I–VIII | | | |
| Required | アカデミックイングリッシュ Academic English | | INF_G7001 | 堀内 基広 HORIUCHI Motohiro | 2 | Eng | I | I-II | | | |
| | 研究倫理演習 Research Ethics Seminar | | INF_G7001 | 澤 洋文 SAWA Hirohumi | 1 | Eng | I | П | | | |
| | 人獣共通感染症対策専門特論 Advanced and Comprehensive Studies on Zoonosis Control | | INF_G7001 | 堀内 基広 HORIUCHI Motohiro | 5 | Eng | ш | П | | | |
| | 感染症学特別研究IIA | | | 教務委員会 | | | | | | | |
| 選択必修 | Research on Infectious Diseases IIA 感染症学特別研究IIB | | INF_G7301 | Academic Affairs Committee | 8 | Eng | V-VIII | V-VIII | | | |
| Elective Required | Research on Infectious Diseases | | INF_G7401 | 教務委員会 Academic Affairs Committee | 8 | Eng | V-VIII | V-VIII | | | |
| T toquil ou | 海外インターンシップA Internships Abroad A 海外インターンシップB | | INF_G7301 | 澤 洋文 SAWA Hirohumi 堀内 基広 | 2 | Eng | V-VIII | IV-VIII | | | |
| | Internships Abroad B | | INF_G7401 | 照内 泰広 HORIUCHI Motohiro | 2 | Eng | V-VIII | IV-VIII | | | |
| | | 生物統計学特論 Advanced Lecture on Biostatistics | INF_G7101 | 五十嵐 学 IGARASHI Manabu | 1 | Eng | I | п | | | |
| | | 研究機器演習 Advanced Seminar on Analytical Machines | INF_G7101 | 今内 覚 KONNAI Satoru | 1 | Eng | I | П | | | |
| | | 情報科学特論 Advanced Lecture on Information Science | INF_G7101 | 伊藤 公人 ITO Kimihito | 1 | Eng | I | п | | | |
| | www.generals.com/www.s | 免疫学特論 Advanced Lecture on Immunology | INF_G7101 | 大橋 和彦 OHASHI Kazuhiko | 1 | Eng | п | I, III | | | |
| | | 寄生虫学特論 Advanced Lecture on Parasitology | INF_G7101 | 片倉 賢 KATAKURA Ken | 1 | Eng | II | I, III | | | |
| | | 獣医公衆衛生学特論 Advanced Lecture on Veterinary Public Health | INF_G7101 | 苅和 宏明 KARIWA Hiroaki | 1 | Eng | II | I, III | | | |
| | | 微生物学特論 Advanced Lecture on Microbiology | INF_G7101 | 鈴木 定彦 SUZUKI Yasuhiko | 1 | Eng | П | I, III | | | |
| | | 獣医衛生学特論 Advanced Lecture on Veterinary Hygiene | INF_G7101 | 堀内 基広 HORIUCHI Motohiro | 1 | Eng | П | I, III | | | |
| | 国際感染症学コア科目I | 病原体ゲノム解析学特論 Advanced Lecture on Pathogen Genomics | INF_G7201 | 中島 千絵 NAKAJIMA Chie | 1 | Eng | III | II, IV | | | |
| | Core Subjects on Infectious Diseases I | 人獸共通感染症制御学特論 Advanced Lecture on Zoonosis Control | INF_G7201 | 高田 礼人 TAKADA Ayato | 1 | Eng | Ш | II, IV | | | |
| | | 生体防御学特論 Advanced Lecture on Biological Defense | INF_G7201 | 東 秀明 HIGASHI Hideaki | 1 | Eng | III | II, IV | | | |
| 選択 | 国際感染症学コア科目IIA | リスク分析学特論 Advanced Lecture on Risk Analysis | INF_G7301 | 迫田 義博 SAKODA Yoshihiro | 1 | Eng | IV | III, V | | | |
| Elective | 国际版条ルチョッキロIA Core Subjects on Infectious Diseases IIA | 国際保健衛生演習 Advanced Lecture on One Health | INF_G7301 | 杉本 千尋 SUGIMOTO Chihiro | 1 | Eng | IV | III, V | | | |
| | | 感染症数理生物学特論 Advanced Lecture on Mathematical Biology of Infectious Diseases | INF_G7301 | 伊藤 公人 ITO Kimihito | 1 | Eng | IV | III, V | | | |
| | | 感染病理学特論 Advanced Lecture on Pathology of Infectious Diseases | INF_G7401 | 澤 洋文 SAWA Hirohumi | 1 | Eng | IV | III, V | | | |
| | 国際感染症学コア科目IIB Core Subjects on Infectious Diseases IIB | 越境性感染症学特論 Advanced Lecture on Transboundary Diseases | INF_G7401 | 迫田 義博 SAKODA Yoshihiro | 1 | Eng | IV | III, V | | | |
| | | 製剤開発特論 Advanced Lecture on Pharmaceutical Development | INF_G7401 | 東 秀明 HIGASHI Hideaki | 1 | Eng | IV | III, V | | | |
| | 【医学院開講科目/Subject of Graduate School of Medicine】 医倫理学/Medical Ethics※2 | | | 豊嶋 崇徳 TESHIMA Takanori | 1 | Jpn /Eng | ш | IV | | | |
| | 【大学院共通授業科目/ Inter-Gradutte School Class】 社会と健康 I (概論·倫理学科 | 基礎医学I/Basic Medical Biology 1※1 | IGS_NAS5251 | 大滝 純司 OTAKI Junji | 1 | Eng | П | Ī | | | |
| | 目)/Health, Society and Environment I(Overview) | 基礎臨床医学I/Basic Clinical Medicine 1※1 | IGS_NAS5251 | 大滝 純司 OTAKI Junji | 1 | Eng | п | I | | | |
| | 【大学院共通授業科目 Inter-Gradaute School Class】 社会と健康 II (研究方法科目) /Health, Society and Environment II(Methodology) | 疫学演習I/Practice in Epidemiology I%2 | IGS_NAS5251 | 大林 由英 OBAYASHI Yoshihide | 2 | Eng | IV | ш | | | |
| ※閱譯哇1 | 大学院共通授業科目 Inter-Gradaute School Class 朝(Semester)について | | | | 1, 2 | Jpn /Eng | I-IV | I-IV | | | |
| | | : I•III•V•VII = from April to September | II IV \ \ /I \ /III = | | | | | | | | |

[※]開講時期(Semester)について ・4月入学者(Student enrolled in April) : I・III・V・VII = from April to September, I・II・V・VI・VIII = from October to March ・10月入学者(Student enrolled in October) : II・IV・VI・VIII = from April to September, I・III・V・VII = from October to March ※1 国際感染症学院1年次履修推奨科目/Recommended Sucject for 1st year Students of Graduate School of Infectious Diseases ※2 国際感染症学院2年次履修推奨科目/Recommended Sucject for 2nd year Students of Graduate School of Infectious Diseases

国際感染症学院における授業科目のナンバリングについて

各授業科目のナンバリングは、以下のように構成されています。

- ■頭のアルファベット(大分類):INF G(国際感染症学院のコード)
- ■レベルコード【千番台】 7:博士課程学生履修用の科目
- ■科目種別【百番・十番台】(中・小分類)
 - 00:必修科目
 - 10: 獣医科学・感染症学基礎科目
 - 20:国際感染症学コア科目
 - 30: 感染症学系科目
 - 40: 獣医学系科目
- ■言語【一番台】
 - 1:英語で行う授業
 - 2:日本語及び英語のバイリンガル授業、または受講者決定後に使用言語を決定する授業

Numbering System of Graduate School of Infectious Diseases

Numbering codes follows the rules as below.

- Firse letters: INF_G (Code of Graduate School of Infectious Diseases)
- Level Code (thousands place)
 - 7: Courses for doctoral students
- Subject Category (hundreds place/ tens place)
 - 00: Required Subjects
 - 10: Subjects on Fundamental Veterinary Science and Infectious Diseases
 - 20: Core Subjects on Infectious Diseases I
 - 30: Courses for Infectious Diseases
 - 40: Courses for Veterinary Medicine
- ■Language (ones place)
 - 1: Classes given in English
 - 2: Bilingual classes given both in Japanese and English, or classes given in Japanese or English depends on member of the class.

例)「感染症学特別研究IIA」の場合

e.g.) In case of "Research on Infectious Diseases IIA"

