

Course Title		Advanced Applications (Wildlife Medicine)		
Type	Exercise	Number of Credits	2	
Course Instructor		Toshio Tsubota		
Course Overview:				
<p>Students learn an overview of and research methods related to the physiology and ecology of wild animals, their infectious diseases, and chemical pollution in Japan and overseas. Moreover, students learn about the current situation and challenges of wildlife conservation and protection management as an application of this knowledge. Furthermore, students cultivate presentation skills by taking part in the research progress presentation seminars of graduate students and brown bear research workshops.</p>				
Course Goals:				
<ol style="list-style-type: none"> 1) To be able to gain an overall understanding of wildlife research methods at home and abroad. 2) To be able to gain applied skills for wildlife conservation and protection management; 3) To be able to gain problem-solving skills as well as presentation skills. 				
Course Schedule:				
<ol style="list-style-type: none"> 1. Introduction to physiological research of wildlife 1 (Lecture: Sakamoto) 2. Introduction to physiological research of wildlife 2 (Lecture: Shimozuru) 3. Introduction to ecological research of wildlife 1 (Lecture: Yanagawa) 4. Introduction to ecological research of wildlife 2 (Lecture: Takada) 5. Introduction to infectious disease research of wildlife 1 (Lecture: Ohashi) 6. Introduction to infectious disease research of wildlife 2 (Lecture: Kariwa) 7. Introduction to infectious disease research of wildlife 3 (Lecture: Sajika) 8. Introduction to chemical pollution research of wildlife (Lecture: Ishizuka, Ikenaka) 9. Applications of conservation and protection management from wildlife research (Lecture: Tsubota) 10. Research presentations by graduate students 1 11. Research presentations by graduate students 2 12. Research presentations by graduate students 3 13. Educational lecture on brown bear research 1 14. Educational lecture on brown bear research 2 15. Educational lecture on brown bear research 3 				
Remarks:				
Maximum of 10 students (per academic year)				