

Category (科目区分)	Specialized subjects / Social Medicine System		
Course Title (授業科目名)	Epidemiological study		
Instructors (担当者名)	Kyoko Nomura	Academic Year (配当年次)	1st and 2nd
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	Webclass(on demand)		
Schedule (開講期間)	Late April 2025 – January 31, 2026		
Class Date/Period (開講曜日・時間)	Every 3rd Thursday of the month, 13:30-15:00		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>Purpose of the course: To learn fundamental epidemiological methodologies necessary for research planning in the doctoral program of the graduate school.</p> <p>Course Objectives: In accordance with the steps of Evidence Based Medicine (EBM), in order to establish hypotheses by PICO and to select research design, students will be able to learn various research designs and obtain fundamental knowledge on epidemiology. We will cover a broad range of study designs including quantitative and qualitative studies.</p>			
Course Planning (授業計画)			
	Course Outline/ Course Objectives (授業の概要及び到達目標) (Contents of Class) (授業内容)	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Epidemiological Research Design, EBM and PICO	Kyoko Nomura (Professor)	Department of Environmental Health Science and Public Health, Akita University Graduate School of Medicine [WebClass]
2	Cross-Sectional Studies		
3	Case Control Study		
4	Cohort Study		
5	RCT		
6	Screening test		
7	Meta-Analysis		
8	Qualitative research and mixing methods		
Grading Criteria (成績評価の基準と方法)			
The 30 hours lecture viewing in WebClass + self-study 15 hours, which accounts for 1 credit.			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name : Kyoko Nomura / E-mail : knomura@med.akita-u.ac.jp			
Comment (その他特記事項)			
Information on course: We will provide on-site English lectures if the number of participants will be three or more.			