

<b>Category</b> (科目区分)	Cluster of Community Health Promotion		
<b>Course Title</b> (授業科目名)	Epidemiological research		
<b>Instructors</b> (担当者名)	Kyoko Nomura	<b>Academic Year</b> (配当年次)	1st
<b>Required course / Elective Course</b> (必修/選択)	Elective Course	<b>Credits</b> (単位数)	2
<b>Class Format</b> (授業形態)	Webclass (on demand)		
<b>Schedule</b> (開講期間)	Late April 2026 – January 31, 2027		
<b>Class Date/Period</b> (開講曜日・時間)	Every 3rd Thursday of the month, 13:30–15:00		
<b>Course Outline/ Course Objectives</b> (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>			
<b>Course Planning</b> (授業計画)			
	<b>Course Outline/ Course Objectives</b> (授業の概要及び到達目標) <b>(Contents of Class)</b> (授業内容)	<b>Instructor</b> (担当教員名)	<b>Department</b> (講座名) <b>Class Room</b> [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		
<b>Grading Criteria</b> (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.			
<b>Contact Information</b> (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			
<b>Comment</b> (その他特記事項)			
<p>Information on course: Watch your own lectures on WebClas. * Viewing recommended period From late April to December 31, it will be attached at the end of each slide of assignment submission, so please submit to the above inquiry address.</p> <p>Textbooks and References: Distribute materials as necessary.</p> <p>Self-study content: It is desirable to conduct preparatory learning according to the goal and class content.</p>			