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)	1,2
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 2023 – December 31, 2023		
Class Date/Period (開講曜日・時間)	随時		

Course Outline/ Course Objectives (授業の概要・到達目標)

Purpose of the course: To learn fundamental epidemiological methodologies necessary for research planning in the doctoral program of the graduate school.
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.

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		
2	Cross-Sectional Studies		
3	Case Control Study		
4	Cohort Study	Kyoko Nomura (Professor)	Department of Environmental Health Science and Public Health, Akita University Graduate School of Medicine 〔Web Class〕
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

Coment　（その他特記事項）

Information on course: If you are unable to attend the practical training due to work, such as a working graduate student, we will respond to the schedule adjustment.
Textbooks and References: Distribute materials as necessary. Or specify the literature.
Contents of self-study time: It is desirable to conduct preparatory learning according to the goal and class content.
"WebClass" viewing period: from late April to December 31