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| Course Name | Seminar: Epidemiology and Biostatistics |
| Course Number | OATHA15 |
| Credits | 2.0 Credits |
| Adaptation years | 1 Year |
| Class hold days | Annual Tue6 |
| Instructor | Yukiko Wagatsuma, Masahiko Goshu, Masao Iwagami |
| Overview | This course assists students in learning steps through the discussions over textbooks and articles in epidemiology and biostatistics. We encourage students majoring in epidemiology and biostatistics should attend the course. |
| Remarks | Lectures are conducted in English. face-to-face (partially online) |
| Course Type | class exercises |
| Relation to Degree Program Competences | Generic competences: Knowledge, communication, international Specific competences: Public health core 1: Epidemiology, Public health core 2: Biostatistics |
| Course Objectives (Learning Outcomes) | Upon completion of the course, students will acquire the skills how to discuss on various topics of epidemiology and biostatistics. |
| Class Schedule | Students will perform critical reading and present their assigned textbook chapters and/or articles at the seminar. |
| Course Prerequisites | None |
| Grading Philosophy | Class discussion participation, presentation and term report. |
| Course Hours Breakdown and Out-of-Class Learning | All classes are conducted in exercises. Students should prepare for the classes by reading relevant chapters of the textbooks and articles. |
| Textbooks, References, and Supplementary Materials | 1. David D Celentano and Moyses Szklo, Gordis Epidemiology, 6th edition, Elsevier, 2018 2. Robert R. Pagano, Kimberlee Gauvreau and Marcello Pagano, Principles of Biostatistics, 2nd edition, Taylor & Francis, 2018 |
| Office Hours and Contact Information | Yukiko Wagatsuma 随時、メールにて事前連絡 ywagats at md.tsukuba.ac.jp Masahiko Goshu mgosho at md.tsukuba.ac.jp |
| Other (Behavioral expectations and points to note for students during coursework) | |
| Relation to Other Courses | OATHA11 Introduction to Epidemiology OATHA12 Biostatistics, Basic |
| Teaching Fellow and/or Teaching Assistant | |
| Course Keywords | Epidemiology, biostatistics |