

## Health Outcomes Measurement, 7.5 credits

WEEK 1			<b>Wednesday</b> 12 February Room Nils Ringertz, <b>Floor 3 of Biomedicum building</b>	<b>Thursday</b> 13 February Room Wangari	<b>Friday</b> 14 February Room David
09.00-12.00			Course introduction Module 1: What is health, disease and health-related quality of life?  Module 2: What is outcomes measurement & outcomes research?  <b>M.Sengoelge</b> (mandatory)  <b>Followed by reading</b> Kane and Radosevich (2011): Chapters 1-2, 3-4, 9	Conceptual models lecture <b>M. Sengoelge</b> (mandatory)  Conceptual models worked on in groups in class	Q&A session for group assignment, all groups (RQ, Model, Method) <b>M. Sengoelge</b> (mandatory)  Office hours at KI for questions/feedback on assignments  Reading Kane and Radosevich (2011): Chapter 9
12.00-13.00					
13.00-16.00			PROMs for children & adolescents <b>M.Sengoelge</b>  Followed by reading Kane and Radosevich (2011): Chapters 1-2, 3-4, 9 (mandatory)	Conceptual models worked on in groups in class, con't  15.30-16.00 Introduction to group oral assignment <b>M. Sengoelge, E. Heintz, M. Hultcranz</b> (mandatory)	Reading Kane and Radosevich (2011): Chapters 3-4  Individual/group work

WEEK 2	Monday 17 February Room Marie	Tuesday 18 February Room Marie	Wednesday 19 February	Thursday 20 February Room Marie	Friday 21 February Room Marie
09.00-12.00	Measurement properties– Psychometry I <b>Evalill Nilsson</b>	Measuring health, health-related quality of life, function, disease symptoms, and satisfaction – Patient-reported measures <b>Evalill Nilsson</b>	Sport's Day	Study Design choices, pro's & con's Part 1 <b>Monica Hultcrantz, Nathalie Peira</b>	Synthesis of health outcome related studies and case studies <b>Monica Hultcrantz, Nathalie Peira</b>
12.00-13.00					
13.00-16.00	Measurement properties– Psychometry Seminar <b>Evalill Nilsson</b>	Measuring health, health-related quality of life, function, disease symptoms, and satisfaction – Patient-reported measures <i>Students test and discuss different PROM/PREMs</i> <b>Evalill Nilsson</b>	Sport's Day	Individual/group work	Synthesis of health outcome related studies and case studies con't <b>Monica Hultcrantz, Nathalie Peira</b>

WEEK 3	Monday 24 February	Tuesday 25 February Room Marie	Wednesday 26 February Room Marie	Thursday 27 February	Friday 28 February	
09.00-12.00	Reading Björk / Group, individual work	Quality improvement in health care: theory, exercises, case study part 1 <b>Jenny Björk</b> (mandatory)	Quality improvement in health care: tools part 3 <b>Jenny Björk</b>	Group work	Group work	
12.00-13.00						
13.00-16.00	Reading Björk / Group, individual work	Quality improvement in health care: theory, exercises, case study part 2 <b>Jenny Björk</b> (mandatory)	Recap of parts 1-3 <b>Jenny Björk</b>	Group/individual work		

WEEK 4	Monday 3 March Room Marie	Tuesday 4 March Marie	Wednesday 5 March Marie	Thursday 6 March Room Marie	Friday 7 March Room Marie
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09.00-12.00	Common Pitfalls of Questionnaire Design <b>Zoe Säflund</b> Followed by facilitated discussion	Health outcomes in economic evaluations <b>Emelie Heintz</b> (mandatory)	Measuring with Questionnaires: Design and Alignment <b>Zoe Säflund</b> Followed by facilitated group work in class	Applying health economics to register data – study example <b>Emil Aho</b>	Comparing, contrasting, and combining health outcomes measured in clinical trials and routine clinical practice <b>Nahila Justo</b> Followed by group work
12.00-13.00					
13.00-15.00	Health outcomes in the clinical development program of new therapies <b>Nahila Justo</b> Followed by group work	Health outcomes in economic evaluations con't <b>Emelie Heintz</b> (mandatory)	Measuring mortality & life expectancy <b>Xin Xia</b>	13-14h00 Data cleaning in R, <b>BRING LAPTOP</b> - Optional <b>Emil Aho</b>	Group presentations: Case Studies on bridging health outcomes. From clinical trials to real-world evidence <b>Nahila Justo</b>  Submission of group oral presentation 16h00

WEEK 5	Monday 10 March Room David	Tuesday 11 March Room David	Wednesday 12 March Room David	Thursday 13 March	Friday 14 March
09.00-12.00	Iteration-based vs. open-ended TTO: Influence of elicitation procedure and phrasing on health state valuations for diabetes patients in China Measuring HRQoL of men undergoing prostate cancer testing in Stockholm: Choice of outcome measures and practical considerations <b>Shuang Hao</b>	Data Exercise (mandatory) <b>Kinza Degerlund Maldi,</b> <b>Karoline Magnusdottir</b> <b>BRING LAPTOP</b>	Group work	Individual work	Individual work  Office hours Sengoelge per Zoom
12.00-13.00					
13.00-16.00	<b>Group presentations 1-3</b>  Peer review by groups 4-6 Recap on key learning from group presentations <b>Emelie Heintz, Monica Hultcranz</b>	Data Exercise (mandatory) <b>Kinza Degerlund Maldi,</b> <b>Karoline Magnusdottir</b> <b>BRING LAPTOP/TABLET</b>	<b>Group presentations 4-6</b>  Peer review by groups 1-3  Recap on key learning from group presentations <b>Emelie Heintz, Monica Hultcranz</b>	Individual work	Individual work  <b>Upload group assignment exercise 1 by 16h00</b>

WEEK 6	Monday 17 March	Tuesday 18 March			
09.00-12.00	Individual work  Office hours Sengoelge per Zoom	9:30-10:00 Course eval per Zoom  Individual work			
12.00-13.00					
13.00-16.00	Individual work	Individual work  18h00 individual assignments due			

#### Assignments

- Individual assignments 1, 2, 3
- Group assignment oral presentation, group data exercises

#### Rooms

See schedule

#### Faculty

Mathilde Sengoelge, Course coordinator, Karolinska Institutet, [mathilde.sengoelge@ki.se](mailto:mathilde.sengoelge@ki.se)

Niklas Zethraeus, Course leader, Karolinska Institutet, [niklas.zethraeus@ki.se](mailto:niklas.zethraeus@ki.se)

Emelie Heintz, Course assistant, Karolinska Institutet, [emelie.heintz@ki.se](mailto:emelie.heintz@ki.se)

Karoline Magnúsdóttir, Course assistant, Karolinska Institutet

Kinza Degerlund Maldi, Course assistant, Karolinska Institutet

Evalill Nilsson, Shuang Hao; Senior lecturers