

## Public Health Epidemiology, Statistics and Economics

course	SSD	Type of activity	language	hrs	credits	year of attendance	final test	optional/mandatory
INTRODUCTION TO PUBLIC HEALTH	MED/42	lesson	English	8	1	1 <sup>st</sup>	YES	mandatory
PUBLIC HEALTH EPIDEMIOLOGY	MED/42	lesson	English	16	2	1 <sup>st</sup>	YES	mandatory
INTRODUCTION TO STATISTICAL INFERENCE	MED/01	lesson	English	8	1	1 <sup>st</sup>	YES	optional
COMMON STATISTICAL METHODS IN CLINICAL RESEARCH	MED/01	lesson	English	8	1	1 <sup>st</sup>	YES	optional
STANDARD STATISTICAL METHODS IN EPIDEMIOLOGY	MED/01	lesson	English	8	1	1 <sup>st</sup>	YES	optional
SURVIVAL ANALYSIS METHODS FOR CLINICAL RESEARCH	MED/01	lesson	English	8	1	1 <sup>st</sup>	NO	optional
SURVIVAL ANALYSIS IN EPIDEMIOLOGY	MED/01	lesson	English	8	1	1 <sup>st</sup>	NO	optional
STATISTICAL METHODS FOR STUDY DESIGN IN CLINICAL AND TRANSLATIONAL RESEARCH	MED/01	lesson	English	8	1	1 <sup>st</sup>	NO	optional
ANALYSIS OF HEALTHCARE NEEDS AND DEMAND FOR HEALTHCARE PLANNING	MED/42	lesson	English	8	1	1 <sup>st</sup>	NO	optional
PREDICTIVE METHODS FOR HEALTHCARE PLANNING	MED/42	lesson	English	8	1	1 <sup>st</sup>	NO	optional
ECONOMIC EVALUATIONS OF HEALTHCARE PROGRAMMES	MED/42	lesson	English	16	2	1 <sup>st</sup>	NO	optional
SYSTEMATIC REVIEWS	MED/42	lesson	English	8	1	1 <sup>st</sup>	NO	optional
STATISTICAL METHODS FOR HEALTH SERVICES AND SYSTEMS ASSESSMENT	SECS-S/05	lesson	English	16	2	1 <sup>st</sup>	YES	optional
HEALTH ECONOMICS AND ECONOMETRICS	SECS-P/03	lesson	English	16	2	1 <sup>st</sup>	NO	optional
ADVANCED ANALYSIS METHODS: BEYOND CLASSICAL EPIDEMIOLOGICAL RESEARCH	MED/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
PRINCIPLE AND CONCEPTS OF CAUSAL INFERENCE IN EPIDEMIOLOGY	MED/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
METHODS AND APPLICATIONS OF CAUSAL INFERENCE IN EPIDEMIOLOGY	MED/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
ENVIRONMENTAL EPIDEMIOLOGY	MED/42	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
INTRODUCTION TO SAMPLE SIZE AND POWER ANALYSIS	MED/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional

SIMUATION-BASED APPROACH TO SAMPLE SIZE AND POWER ANALYSIS	MED/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
MACHINE LEARNING METHODS	MED/01	lesson	English	16	2	2 <sup>nd</sup>	NO	optional
HEALTH SERVICES ORGANIZATION	MED/42	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
BEHAVIOURAL ECONOMICS AND NUDGING	SECS-P/01	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
PHARMACOEPIDEMOLOGY	MED/42	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
BUDGET IMPACT ANALYSIS	MED/42	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
BURDEN OF DISEASE	MED/42	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
<b>Total hrs/credits</b>				248	31			