

## Public Health Epidemiology, Statistics and Economics - 42nd cycle

course	SSD	Type of activity	language	hrs	credits	year of attendance	final test	optional/mandatory
INTRODUCTION TO PUBLIC HEALTH	MEDS-24/B	lesson	English	8	1	1 <sup>st</sup>	YES	mandatory
PUBLIC HEALTH EPIDEMIOLOGY	MEDS-24/B	lesson	English	16	2	1 <sup>st</sup>	YES	mandatory
INTRODUCTION TO STATISTICAL INFERENCE	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	YES	optional
COMMON STATISTICAL METHODS IN CLINICAL RESEARCH	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	YES	optional
STANDARD STATISTICAL METHODS IN EPIDEMIOLOGY	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	YES	optional
SURVIVAL ANALYSIS METHODS FOR CLINICAL RESEARCH	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	NO	optional
SURVIVAL ANALYSIS IN EPIDEMIOLOGY	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	NO	optional
STATISTICAL METHODS FOR STUDY DESIGN IN CLINICAL AND TRASLATIONAL RESEARCH	MEDS-24/A	lesson	English	8	1	1 <sup>st</sup>	NO	optional
ANALYSIS OF HEALTHCARE NEEDS AND DEMAND FOR HEALTHCARE PLANNING	MEDS-24/B	lesson	English	8	1	1 <sup>st</sup>	NO	optional
PREDICTIVE METHODS FOR HEALTHCARE PLANNING	MEDS-24/B	lesson	English	8	1	1 <sup>st</sup>	NO	optional
ECONOMIC EVALUATIONS OF HEALTHCARE PROGRAMMES	MEDS-24/B	lesson	English	16	2	1 <sup>st</sup>	NO	optional
SYSTEMATIC REVIEWS	MEDS-24/B	lesson	English	8	1	1 <sup>st</sup>	NO	optional
STATISTICAL MEHTODS FOR HEALTH SERVICES AND SYSTEMS ASSESSMENT	STAT-03/B	lesson	English	8	1	1 <sup>st</sup>	YES	optional
HEALTH ECONOMICS	GSPS-02/A	lesson	English	24	3	1 <sup>st</sup>	NO	optional
ADVANCED ANALYSIS METHODS: BEYOND CLASSICAL EPIDEMIOLOGICAL RESEARCH	MEDS-24/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
PRINCIPLE AND CONCEPTS OF CAUSAL INFERENCE IN EPIDEMIOLOGY	MEDS-24/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
METHODS AND APPLICATIONS OF CAUSAL INFERENCE IN EPIDEMIOLOGY	MEDS-24/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
ENVIRONMENTAL EPIDEMIOLOGY	MEDS-24/B	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
INTRODUCTION TO SAMPLE SIZE AND POWER ANALYSIS	MEDS-24/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional

SIMULATION-BASED APPROACH TO SAMPLE SIZE AND POWER ANALYSIS	MEDS-24/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
MACHINE LEARNING METHODS	MEDS-24/A	lesson	English	16	2	2 <sup>nd</sup>	NO	optional
HEALTH SERVICES ORGANIZATION	MEDS-24/B	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
BEHAVIOURAL ECONOMICS AND NUDGING	ECON-01/A	lesson	English	8	1	2 <sup>nd</sup>	NO	optional
PHARMACOEPIDEMIOLOGY	MEDS-24/B	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
BUDGET IMPACT ANALYSIS	MEDS-24/B	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
BURDEN OF DISEASE	MEDS-24/B	lesson	English	8	1	3 <sup>rd</sup>	NO	optional
ADVANCED BIOSTATISTICAL METHODS FOR CAUSAL INFERENCE IN PHARMACOEPIDEMIOLOGY	MEDS-24/A	lesson		8	1	3 <sup>rd</sup>	NO	optional