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Credit system used in my institution

Institution **Department of Biomedical Sciences and Human Oncology**
 City **Turin**
 Country **Italy**

Undergraduate courses in the field of Health Sciences taught in my institution, for last year medical students

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic	Statistics	Biostatistics	8 weeks (total: 40 hours)		4 October-January	yes - January-February	italian	http://medchirurgia.campusnet.unito.it/cgi-bin/corsi.pl/Show?_id=dbfb;sort=DEFAULT;search=;hits=87
Basic	Clinical epidemiology	Evidence based medicine	10 weeks (total: 32 hours)		3 March - June	yes - July-September	italian	http://medchirurgia.campusnet.unito.it/cgi-bin/corsi.pl/Show?_id=ff5d;sort=DEFAULT;search=;hits=87

Institution **University of Turin**
City **Turin**
Country **Italy**

Master courses in the field of Health Sciences taught in my institution

Type of course	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Basic	epidemiology	Principles of epidemiology	1		4 January 2011	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Basic	epidemiology	Statistical Methods I	1		4 February 2011	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Basic	epidemiology	Statistical Methods II	1		4 March 2011	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Basic	epidemiology	Design, conduction and analysis of cohort studies	1		4 March 2011	yes, at the end of the week	english	http://www.isi.it/main.php?liv1=education&liv2=master&p=S6AXQZYNQMMSQPRZKTCCCLCN6XBTYD6S5
Besic	epidemiology	Design, conduction and analysis of case-control studies	1		4 apr-11	yes, at the end of the week	english	http://www.isi.it/main.php?liv1=education&liv2=master&p=S6AXQZYNQMMSQPRZKTCCCLCN6XBTYD6S5
Advanced	epidemiology	Regression models in Epidemiology	1		4 May 2011	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Advanced	epidemiology	Design and analysis of intervention studies	1		4 January 2010	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Advanced	epidemiology	Survival analysis	1		4 February 2010	yes, at the end of the week	english	http://www.isi.it/main.php?liv1=education&liv2=master&p=S6AXQZYNQMMSQPRZKTCCCLCN6XBTYD6S5
Advanced	epidemiology	Screening	1		4 March 2010	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Advanced	epidemiology	Epidemiology for Public Health	1		4 March 2010	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Advanced	epidemiology	Risk communication	1		4 apr-10	yes, at the end of the week	italian	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8
Advanced	epidemiology	Advanced methods in Biostatistics and Epidemiology	1		4 May 2010	yes, at the end of the week	english	http://www.isi.it/main.php?liv1=education&liv2=master&p=9IRKJ6DJZ6JSCWWMOD5XF8TYN1JNZZ3V8

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PhD courses in the field of Health Sciences taught in my institution

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Advanced	Epidemiology	Molecular Epidemiology	4 days		1 April	yes	English	See attachment 2
Advanced	Clinical Epidemiology	Prognostic Research	2 days		1 May	yes	English	See attachment 1
Advanced	Epidemiology	Scientific Seminars	1-2 hours each	no	monthly	no	English/Italian	
Advanced	Epidemiology	Journal Clubs	1 hour each	no	2 times/month	no	English/Italian	
Advanced	Genetics	Scientific Seminars	1 day each	1 each	1/month	no	English/Italian	http://dott-sbou-genetica.campusnet.unito.it/cgi-bin/home.pl

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Post-doc courses in the field of Health Sciences taught in my institution

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Advanced	Epidemiology	Molecular Epidemiology	4 days	not applicable	April		English	See attachment 2
Advanced	Clinical Epidemiology	Prognostic Research	2 days	not applicable	May	no	English	See attachment 1
Advanced	Epidemiology	Scientific Seminars	1-2 hours each	not applicable	monthly	no	English/Italian	
Advanced	Epidemiology	Journal Clubs	1 hour each	not applicable	2 times/month	no	English/Italian	
Advanced	Genetics	Scientific Seminars	1 day each	not applicable	1/month	no	English/Italian	http://dott-sbou-genetica.campusnet.unito.it/cgi-bin/home.pl

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Academic staff courses in the field of Health Sciences taught in my institution

Part of programme	Field of education	Title of course	Number of weeks	Credit points	Month of year taught	Exam (Yes/no and when)	Language	Remarks
Advanced	Epidemiology	Molecular Epidemiology	4 days	not applicable	April		English	See attachment 2
Advanced	Clinical Epidemiology	Prognostic Research	2 days	not applicable	May	no	English	See attachment 1
Advanced	Epidemiology	Scientific Seminars	1-2 hours each	not applicable	monthly	no	English/Italian	
Advanced	Epidemiology	Journal Clubs	1 hour each	not applicable	2 times/month	no	English/Italian	
Advanced	Genetics	Scientific Seminars	1 day each	not applicable	1/month	no	English/Italian	http://dott-sbou-genetica.campusnet.unito.it/cgi-bin/home.pl

Attachment 1

University of Torino Course in Prognostic Research

Teachers: Olof Akre - Karolinska Institutet, Stockholm, Sweden
Milena Maule, Franco Merletti, Lorenzo Richiardi - University of Torino

Purpose of the course: This course will give an introduction to prognostic research including both issues of study design and methods to construct and interpret prognostic models.

First day

Introduction

Lecture 1 Measures of prognosis I – risk and survival

Exercise 1 Assignment on measures of prognosis

Lecture 2 Efficacy in prognosis research – the problem of confounding by indication

Exercise 2 Confounding, stratification, and pooling

Lecture 3 Randomized and non-randomized studies in prognostic research

Exercise 3 Long-term effects of hormonal replacement therapy: can we trust non-randomized studies?

Second day

Lecture 4 Measures of prognosis II – prognostic models: nomograms, discrimination, calibration, validation

Exercise 4 Study example: prognostic models.

Exercise 5 Prognostic models – variable selection and validation

Lecture 5 Changes in prognosis over time and between places

Attachment 2

Molecular Epidemiology

Paolo Boffetta, Franco Merletti, Giuseppe Matullo, Paolo Vineis
University of Turin, Italy
Mount Sinai School of Medicine, New York, USA
Imperial College, London, UK

First day

9:00am - 10:00am	Opening, introduction to molecular epidemiology
10:30am – 12:30pm	Markers of exposure Chemical metabolites Biological agents Diet DNA adducts
1:30pm – 2:30pm	Markers of effect Gene mutation Epigenetic alterations Cytogenetic abnormalities
2:30pm – 4:00pm	Markers of susceptibility High penetrance genes Genetic polymorphisms DNA repair
4:00pm – 4:30pm	Setting up of working groups
4:30pm – 5:30pm	Development of a research protocol

Second day

9:00am – 10:00am	Application of biomarkers I Transitional studies
10:30am – 11:30am	Design of epidemiological studies Bias, confounding and interaction
11:30am – 12:30pm	Introduction to statistical analysis

Third day

9:00am – 11:00am	Applications of biomarkers II Criteria for causality Ethical issues
11:30am – 12:30pm	Introduction to molecular biology PCR Safety
1:30pm – 3:30pm	Practical 1 Application of a technique
3:30pm – 5:00pm	Practical 2 Development of a research project

Fourth day

8:30am – 10:30am	Practical 3 Development of a research project
11:00am – 12:30pm	Practical 4 Presentations of projects
12:30pm – 1:00pm	Closing, evaluation