Internship locations of the 11th edition

Il Master di Genetica Clinica dell’Università di Siena è aperto ai laureati in Medicina che vogliono fare un approfondimento dell’approccio medico alla dismorofologia, alla genetica oncologica, alle malattie rare e alla diagnosi genetica preimpianto. Anche questa edizione è caratterizzata da flessibilità e modularità. È possibile infatti effettuare tutto il Master nella sede principale di Siena oppure effettuare solo le lezioni a Siena che possono essere eseguite anche online. Per la parte del tirocinio è possibile fare convenzioni ad hoc con la struttura di lavoro del candidato e/o con altre strutture di Genetica Clinica Italiane per sperimentare le metodologie di lavoro in varie realtà, come è stato per le edizioni precedenti. Per chi vuole sfruttare la caratteristica delle precedenti edizioni è possibile girare in 8 sedi diverse.

Specific agreements can be signed with the following Institutions:

- University of Genova, Medical Genetics
- Second University of Naples, Medical Genetics
- University of Padova, Medical Genetics
- University of Torino, Medical Genetics
- Azienda Ospedaliera G. Rummo, Benevento, Medical Genetics
- IRCCS Associazione Oasi Maria Santissima, Troina, Medical Genetics and Pediatrics

Promoted by The Italian Society of Human Genetics (SIGU)
Endorsed by The European Society of Human Genetics

contact us:
master.clinical.genetics@dbm.unisi.it

for the application:
www.unisi.it/didattica/master-universitari

website:
http://mcg.dbm.unisi.it

- 2 hours of lesson per day
- 5 scheduled external clinics for each student per week
- 5 in-ward clinics for each student per week
- case discussion before and after each clinic
- family report writing
The overall objective of the program is to educate and train MD candidates to the main principles on multiple congenital anomalies and syndromes, their identification, diagnosis and counselling in medical genetics, genotype/phenotype correlations, introduction to techniques of communication in genetic counselling, and functional genomics. Dysmorphology, genetic oncology, rare diseases and preimplantation genetic diagnosis are specific topics of this Master.

The training program lasts 1 year and it engages the student for a total of 8 weeks. Formal lessons will be held in Siena for a period of 4 weeks, which will be scattered throughout the year in order to facilitate Master candidates. Lessons are organized in different main areas: Propaeutics, Non Syndromic and Syndromic Intellectual Disabilities, Microdeletion/microduplication syndromes, Cancer Genetics, Organ-specific genetic conditions, Management of genetic syndromes, Prenatal genetic counselling.

Four weeks of the course will be spent in clinics. Students will have the opportunity to move in different training places depending on their particular interest. The internship will consist in the participation and in the conduct of active sessions of genetic counselling.

Thanks to this program students will become aware of clinical genetics services present in Italy, useful for future training programs and positions. This Edition of the Master meets the needs of internalization and increased flexibility. Considering the International demands, the Master was amended to include the use of the English language, the ability to follow the formal lectures by teleconference, and the possibility to carry out the internship in one or more different centers.

The locations of training could include the following Academic and non-Academic Institutions:

- University of Genova, Medical Genetics
- Second University of Naples, Medical Genetics
- University of Padova, Medical Genetics
- University of Siena, Medical Genetics
- University of Turin, Medical Genetics
- Azienda Ospedaliera G. Rummo, Benevento, Medical Genetics
- IRCCS Associazione Oasi Maria Santissima, Troina, Medical Genetics and Pediatrics

The following foreign Universities could provide additional teachers:

- Department of Pediatrics
  Universities of Lausanne and Geneva, Centre Hospitalier Universitaire Vaudois, 1011 Lausanne, Switzerland
- Department of Human Genetics,
  Nijmegen Medical Centre, Radboud University Nijmegen, The Netherlands

Some witnesses

**BRIMO Imad (Siria)**
The Master was a very useful experience for me which enriched my professional skills.

**HADIPOUR Zara (Iran)**
This Master let me to improve and update my work by combination of new scientific research in my daily practice useful for recognition and management of rare diseases.

**HADIPOUR Fatemeh (Iran)**
This Master is great professional and scientific experience. I am introduced to very valuable professors who are so kind and help me beyond my imagination. I recommend this course to young clinical geneticists.

**MARINELLI Luisita (Italy)**
The Master, in addition to theoretical knowledge, has allowed me to gain practical experience, allowing me to investigate important issues about clinical genetics and learn communication techniques, essential for proper genetic counselling.

**Academic year 2013-2014**

**II° level MASTER**

**A.Y. 2018-2019**

**CLINICAL GENETICS**

**11th edition**

**Deadline**
For the application

**February 25th, 2019**

**Master Coordinator**
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**Teaching Board**

**Foreign teachers**
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Superti-Furga Andrea (Lausanne-CH)
Unger Sheila (Lausanne-CH)

**Italian teachers**
Benedicenti Francesco (Bolzano)
Bloise Raffaella (Pavia)
Coviello Domenico (Genova)
Della Monica Matteo (Firenze)
De Marchi Mario (Torino)
Garavelli Livia (Reggio Emilia)
Giglio Sabrina (Firenze)
Lonardo Fortunato (Benevento)
Maitz Silvia (Monza)
Mari Francesca (Siena)
Pantaleoni Chiara (Milano)
Percesepe Antonio (Parma)
Politano Luisa (Napoli)
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Scarano Gioacchino (Benevento)
Selicorni Angelo (Como)
Trevissan Eva (Padova)