



## International Semester for Medical Students (30 ECTS)

This International Semester will provide you with an opportunity to gain knowledge and practical skills in paediatrics, evidence-based medicine and the basics of eHealth while visiting the [city of Oulu](#), the capital of Northern Scandinavia, located only about 200 km from the Arctic Circle. The [University of Oulu](#) has a large and comprehensive [Faculty of Medicine](#) on its Kontinkangas campus, which provides excellent facilities and a good location for medical students including access to networking services obtainable through the active students' unions and associations. Members of the international group will have a local tutor to help them in orientation. The international programme will begin on 14<sup>th</sup> August 2017 and lasts until the end of December. Applications should be made during the period 15.2-15.4.2017.

### Paediatrics (15.5 ECTS)

The main objectives of the course are to learn to diagnose the most common paediatric diseases, to provide first aid to acutely and critically ill children, and to understand paediatric preventive health care and health education. The course involves a variety of teaching methods: small groups, seminars, student visits and practical training. There will be several patient contacts each week in addition to lectures and small group sessions. The course also includes two weeks of full-time training in the paediatric wards, of [Oulu University Hospital](#).

### Evidence-based Medicine (6 ECTS) & Journal Clubs (1.5 ECTS)

Evidence-based medicine forms the core of modern medicine, as all clinical procedures from diagnosis to treatment should be based on the best available scientific evidence. You will learn the most important elements needed for reading and appraising medical papers, the principles of causation, and the basics of information technology, biostatistics, epidemiology and clinical decision-making. You will have an opportunity to discuss medical papers with other students in weekly Journal Clubs.

### Basics of eHealth (5 ECTS) & Working Life Cooperation (2 ECTS)

At the end of the course you should be able to define the principal information and communication technology terms and solutions used in health care, list their applications to health care services and training, and evaluate their social and economic significance. You will have an opportunity to put this theoretical knowledge into practice by testing medical devices in laboratory simulations at the [Test Lab](#) in [Oulu University Hospital](#), and by taking part in an excursion to the Clinical Skills Centre in the city of Tampere for further simulation training. You will also learn something about the innovation development process.

For more information, please consult:

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