



2x4 Reasons Why

Finland

Number 1 in Student Satisfaction

International students have ranked Finland as the best country to study in Europe. Reasons include: the high level of academics, social life and university services.

Unspoilt Nature

Finland is the country of thousands of lakes and the midnight sun, urban landscapes and untouched wilderness.

Safety

Finland has repeatedly been ranked the safest and least corrupt country in the world.

World-Class Education

Finland's education system has been ranked top in PISA education rankings.

Oulu

The City in the North

Oulu is a youthful student city of comfortable size. Living in Oulu means easy access to both high technology and northern nature.

International Ambience

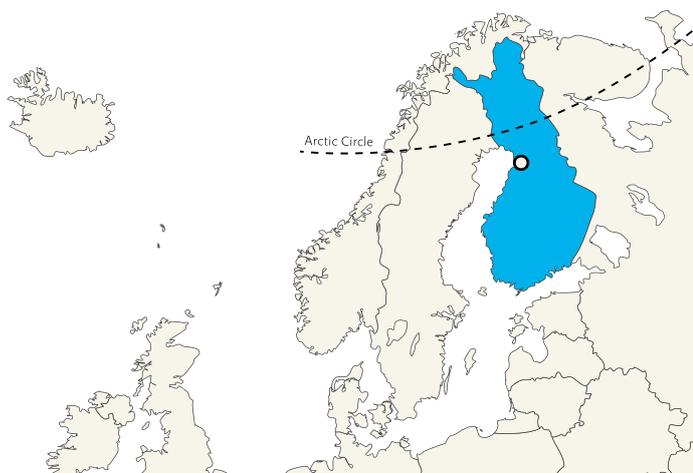
120 different nationalities, 201,000 inhabitants. Oulu is a multicultural city where almost everyone speaks English.

The Smart City

Oulu has repeatedly been ranked among the smartest cities in the world.

Lively Business Hub

Oulu is home to many high technology companies, from start-ups to international corporations.



WIRELESS COMMUNICATIONS ENGINEERING

UNIVERSITY OF OULU

FINLAND



Distinguish yourself with the Master's Degree Programme in Wireless Communications Engineering (WCE)

The International Master's Degree Programme in Wireless Communications Engineering (WCE) is a two-year master's programme concentrating on wireless communications technology.

WCE is built on 30 years of groundbreaking research and cooperation with the global telecommunications and electronics companies. It is organized by the Centre of Wireless Communications (CWC) which consists of ca 140 academics from over 20 countries in all the main continents.

Reach Your Goals

Students can choose from two study specialization options: Radio Access Networks or RF Engineering. Depending on the study option, the programme covers the essential areas and topics of wireless communications systems and networks. It will give you relevant skills and core knowledge of the latest methods, tools and technologies combined with time-tested issues such as information theory, advanced wireless communications, communications networks, stochastic and digital signal processing, antennas and radio engineering and design of RF-ICs and IoT devices. You will obtain the essential knowledge on the design of wireless communications networks at the system level.

Gain the Professional Edge

As a graduate of WCE you will get foundational background in a growing, dynamic field of wireless communications including RF engineering, networking, systems and technologies. The skills gained in the Master's Degree Programme offer a solid academic training that answers to the demands of industry globally.

Advance Your Career

You may get the possibility to move forward even during your studies. Centre for Wireless Communications, provides a number of possibilities for trainees and master's thesis students, with the possibility to continue as a doctoral student at the University of Oulu Graduate School (UniOGS), and even as a post doctoral researcher at the CWC.



What our students say

"Studying Wireless Communications Engineering at the University of Oulu is a once-in-a-lifetime experience."

"My urge to be on the cutting edge of industry-oriented, world-class research became a reality here. I was educated and guided by the world's finest professors, researchers and supporting staff."

Apply to Study With Us

Students applying for the programme must possess an applicable B.Sc. degree in one of the following fields of study:

- communications engineering
- electrical engineering
- computer engineering

Sufficient basic knowledge is required of mathematics, probability theory and stochastic processes, signal theory, telecommunication theory, modulation methods, network theory, analog and digital electronics, radio engineering, electromagnetic wave theory, radio channels, signal processing, computer engineering and programming skills. The B.Sc. degree is expected to be taken with good marks.

Students who are on their last term/semester of Bachelor's studies can apply for the WCE Master's Degree Programme. Applicants with excellent academic records can be offered a conditional study placement. Those who wish to apply during their last semester have to submit a written statement by their home institution confirming the expected date of graduation. In the case that the applicant is accepted in the Programme, he/she has to submit the Bachelor's Degree documentation by the given date.

Applications

Detailed instructions and deadlines on the application procedure are available at:
www.oulu.fi/university/masters

Contact

Please e-mail all questions concerning admissions, online application, WCE Programme and WCE selection criteria to www.oulu.fi/university/admissions-contact.