



Telecommunication is rapidly developing branch of market. It continues progress in a field of wireless and wired communication. If you join this study, you could be part of people, who change our communication world. You will get deep knowledge about LTE-based wireless cellular systems and WDM fiber based telecommunication system.



MODERN TELECOMMUNICATIONS

STUDIES IN ENGLISH



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ABOUT THE STUDIES

The course will be offered following an agreement between the University of Nottingham and Wroclaw University of Technology. It is anticipated that the student will spend one part of the study with WRUT and another part with UoN. The student will get two MSc Diplomas: one from WRUT and one from UoN subject to completing the required number of ECTS points from each institution and successfully completing the final project which will be jointly supervised by the academics from both participating institutions. This course will give students knowledge of optical networks, their components, radio and satellite communications. The course specialization program contains active training in the form of classes, laboratory training and project work.

JOB PROSPECTS

The graduate will have gained knowledge and skills needed for a career in telecommunications industry, research units and in government administration. The graduates will not only be well prepared to work on the design and maintenance of new generation of telecommunication networks but also for undertaking PhD studies at world-leading telecom research institutions.

Semestr I (summer)	Semester II (winter)	Semester III (summer)
Advanced Network Techniques	Optical Networks	Security in Teleinformatics Systems
Optical Network Elements	Photonic Communication Components	Optical Networks
HF Techniques in Telecommunications	Multimedia Systems	Digital receivers
Numerical Methods	Satellite Communication	UWB and THz Techniques
Social Communication	Mobile Networks	Final MSc Project
Optics	Mobile Applications	MSc Seminar
Mathematics Statistics	Compression of Information	
Foreign languages	Orthogonal filtering of stochastic signals	
	Embedded Systems	
	Specialization Seminar	

THE STRUCTURE OF ACTION UNDER "STUDIES AT WRUT CONDUCTED TOGETHER WITH UON"

WRUT students who pass the first semester of the MSC degree studies with an average of 4 (Polish grading system) will be eligible to continue their courses of studies at the University of Nottingham (see the table below)

Year	University	Details
Year 1 , Semester 1 February – June	Wroclaw	Modules taught at WRUT credited at UoN in September
Year 1 , Semester 2 September -February	Nottingham (second diploma) or Wroclaw	Modules taught at University of Nottingham
Year 2, Semester 1 March-June	Wroclaw	Jointly supervised dissertation



Upon returning to WRUT, those students who obtain 30 ECTS/60 UoN Credits will continue their studies in the third semester. Students will be required to pass the third semester at WRUT in order to qualify for the WRUT award under the Programme. Students will present their dissertation in English with an abstract in Polish. Final exam and dissertation will be the basis for granting the title magistra inżyniera (Master of Science) for the dual degree programme. Concurrently students will be considered for the title of MSc Modern Telecommunications at UoN in accordance with rules and regulations governing both UoN and WRUT.



ENTRY INFORMATION

Required:

Bachelor Degree in Electronic Engineering, Teleinformatics, Telecommunications or related disciplines.

Deadline for application:

International students:

30th November 2015 is the deadline for application for Modern Telecommunications programme starting in February 2016.

Polish students:

The deadline for the submission of applications will be announced on Admission Office website.

Application fee - Wroclaw University of Technology:

Non EU/EFTA students: 200 EUR

EU/EFTA students: 20 EUR

Tuition Fee - Wroclaw University of Technology:

Non EU/EFTA students: 4000 EUR per year

EU/EFTA students : no tuition fee

Tuition fee - University of Nottingham:

Non-H/EU students: 8042 GBP

(the amount includes the dissertation fee – 1 376 GBP)

H/EU students: 2762 GBP

(the amount includes the dissertation fee – 436 GB

