

Course Manual ODUN

Optical and wireless communication systems

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– General information

Long name Optical and wireless communication systems

Approving CModule [ODUN MaCSN](#)

Responsible Prof. Dr. Kerstin Uhde
Professor Hochschule Bonn-Rhein-Sieg

Valid from summer semester 2021

Level Master

Semester in the year summer semester

Duration Semester

Hours in self-study 150

ECTS 5

Professors Prof. Dr. Kerstin Uhde
Professor Hochschule Bonn-Rhein-Sieg

Requirements Profound knowledge of basic procedures and protocols of telecommunication

Language German

Separate final exam Yes

Literature

Brückner, Volkmar: Elemente optischer Netze, Vieweg u. Teubner, Wiesbaden, 2011

Cox, Christopher: An Introduction to LTE, Wiley, Chichester, 2014

Eberlein, Dieter: Lichtwellenleitertechnik, expert, Renningen, 2013

Sauter, Martin: Mobile Kommunikationssysteme, Springer Vieweg, Wiesbaden, 2015

Voges, Edgar: Hochfrequenztechnik, Bd. 2, Hüthig, Heidelberg, 1991

Voges, Edgar und Petermann, Klaus: Optische Kommunikationstechnik, Springer, Berlin, 2014

ITU und IEEE Standards

Final exam

Details oral or written exam (depending on number of participants)

Minimum standard Solution of 50 % of given tasks

Exam Type EN Klausur

