

# Master of Science course “Lasers in Dentistry” offered in 2020

The University of Excellence, RWTH Aachen University, has been offering the accredited postgraduate “Lasers in Dentistry” Master of Science programme in collaboration with the AALZ Aachen Dental Laser Center and RWTH International Academy since 2004. In 2020, the programme aimed at dentists who want keep pace with their patient’s wishes for innovative and gentle treatment methods will be offered again in Aachen.

In standard academic studies in dentistry, the use of dental laser technology and laser-assisted treatment concepts are usually not part of the curriculum. Building on a university degree in dentistry, the two-year extra-occupational M.Sc. course teaches the necessary professional



## Aachen Dental Laser Center

knowledge for laser applications in the dental practice at the highest academic level in theoretical and practical modules. The most important theories and application options regarding the use of lasers in dentistry are taught. Participants obtain sound theoretical knowledge in lectures and seminars led by renowned and experienced international researchers and practitioners. Skill training sessions, exercises, practical applications, live surgeries and workshops with intensive assistance from scientific associates with doctorates guide participants towards the successful and professional use of dental lasers in their own surgeries.

During the ten modules, students remain in ongoing contact with the RWTH Aachen University and the lecturers between attendance days via an e-learning system. This allows established dentists to remain active in their surgeries while completing their Master’s degree. Participants receive a certificate for every module that they pass. Students complete the Master course by handing in a Master thesis in which ten clinical cases are presented and discussed. On graduation day, the RWTH Aachen University confers the Master of Science (M.Sc.) degree. In addition, graduates receive a Diploma Sup-

plement from RWTH Aachen University upon completing the programme.

### What you can expect:

- Different laser systems from leading manufacturers with all available wavelengths are offered for skill training and practical exercises
- Instructions for the correct handling of lasers and the subsequent practical use
- Surgeries on human patients carried out live right in front of the students
- Necessary organic materials and laser safety goggles are provided for students to practice independently
- Specialist literature is available for students to fully immerse into the subject
- Students are trained to become certified laser safety officers
- Certificates with ECTS credit points are given out upon successfully finished modules
- Comfortable learning environment thanks to state-of-the-art seminar rooms
- Master’s degree certificates are legitimised by apostilisation for applications abroad

The 2020 instalment of the M.Sc. course “Lasers in Dentistry” will start on 17 September 2020. For more information, visit [www.aalz.de](http://www.aalz.de) or contact [info@aalz.de](mailto:info@aalz.de).

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