

Pressemitteilung

Universitätsmedizin der Johannes Gutenberg-Universität Mainz

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Oral implantology and periodontology in focus: New Master of Science for dentists

Starting from the winter semester of 2024/2025, dentists with a minimum of one year of professional experience will have the opportunity to enrich their expertise in oral implantology and periodontology through a new Master's degree program at the University Medical Center Mainz. The Master's program "Personalized Oral Implantology and Periodontology" is structured for at least four semesters. The program is entirely in English, welcoming dentists from Germany and abroad with an annual cohort of 15 to 20 participants. Applications are open until August 31, 2024, for the October 2024 cohort.

An accomplished journey in dentistry involves navigating through diverse specialties, each demanding unique skills and knowledge. "With the launch of the postgraduate Master's program in Personalized Oral Implantology and Periodontology (MPOIP), the University Medical Center Mainz takes a proactive step in meeting dentists' growing need for specialization. This initiative builds upon foundational dental education, offering immersive theoretical and hands-on training in the fields of implantology and periodontology. These areas are becoming increasingly important," emphasises Univ.-Prof. Dr. Heinz Schmidberger, Vice Dean of Studies and Teaching at the University Medical Center Mainz.

"University Medical Center Mainz has always been a pioneer in modern implantology and is world-renowned for this – so it makes perfect sense to address the demand and offer such a specialised Master's program," says Univ.-Prof. Dr. Dr. Bilal Al-Nawas, Head of the Department of Oral and Maxillofacial Surgery – Plastic Surgery at University Medical Center Mainz. He explains: "Our new Master of Science program in the field of personalized oral implantology and periodontology empowers dentists to provide personalized care to patients with complex dental conditions adapted to their individual needs and based on the latest cutting-edge research. The teaching program covers a wide range of specialized topics, including bone biology, implant materials, prosthetic rehabilitation and advanced patient communication strategies."

There is a substantial need for expertise in oral implantology. Each year, in Germany about 1.5 million implants are placed to support various dental prostheses, including crowns and bridges.

"Periodontitis, an inflammatory disease of the periodontium, is one of the most common chronic conditions worldwide. In Germany, a severe periodontitis affects around 10 million people. "If left untreated, periodontitis can lead to tooth loss, meaning that affected patients may require implants to restore function and aesthetics. Similarly, the tissues surrounding the implant can also become inflamed, jeopardizing the success of the implant. This is why our Master's program empowers dentists with in-depth knowledge in both implantology and periodontology," says Univ.-Prof. Dr. James Deschner, Head of the Department of Periodontology and Tooth Conservation at the University Medical Center Mainz.

The four-semester MPOIP postgraduate program seamlessly blends theoretical sessions with practical clinical practice. The research-oriented component delves into the latest scientific methodologies and approaches. Meanwhile, the clinical applications segment focuses on current clinical concepts, addresses pertinent questions, and explores innovative therapeutic modalities.

The MPOIP program starts annually in the winter semester and the admission closes on August 31. With limited availability, accepting only 15 to 20 participants per year, prospective candidates are urged to promptly apply to ensure a spot in the upcoming MPOIP cohort. Featuring a modular structure, students have the flexibility to enrol in individual modules or semesters according to their interests and schedules.

All courses, along with corresponding exams, are conducted in English. Accordingly, proof of good English language skills is a prerequisite for admission to the Master's program. Applicants must have a university entrance qualification and a dental degree from a university in Germany or an equivalent degree from abroad. Moreover, candidates are required to demonstrate a minimum of one year of professional experience in dentistry after obtaining their degree.

Tuition fees amount to 7,300 euros per semester, totalling 29,200 euros for the entire four-semester duration. Graduates who successfully complete the program are awarded the internationally recognized academic degree of Master of Science (M.Sc.) by the University Medical Center Mainz.

Further information and application:

<https://mpoip.de/>

<https://www.unimedizin-mainz.de/mkg/lehre-forschung/masterstudiengang-mpoip.html>

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About the University Medical Center of the Johannes Gutenberg University Mainz

The University Medical Center of the Johannes Gutenberg University Mainz is the only medical institution of supra-maximum supply in the German state of Rhineland-Palatinate and an internationally recognized science location. Medical and scientific specialists at more than 60 clinics, institutes and departments work interdisciplinarily to treat more than 345,000 patients per year. Highly specialized patient care, research and teaching are inseparably intertwined. More than 3,500 medicine and dentistry students as well as around 670 future medical, commercial and technical professionals are trained in Mainz. With a workforce of approximately 8,700 colleagues the University Medical Center

Mainz is one of the largest employers in the region and an important driver of growth and innovation. Find more information online at <https://www.unimedizin-mainz.de>

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The new MPOIP postgraduate program seamlessly blends theoretical sessions with practical clinical practice.

Aya Khamis

University Medical Center Mainz / Aya Khamis

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