

# Oral and Maxillofacial Surgery

## Head

- Kirk L. Fridrich

## Assistant Head

- Steven L. Fletcher

## Director, Graduate Program

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**Professional certificate:** oral and maxillofacial surgery

**Faculty:** <https://gme.medicine.uiowa.edu/oral-and-maxillofacial-surgery-residency/our-people/faculty>

**Website:** <https://gme.medicine.uiowa.edu/oral-and-maxillofacial-surgery-residency>

## Courses

### Oral and Maxillofacial Surgery Courses

**OMFS:5208 Pain and Anxiety Control** 0-3 s.h.

Nitrous oxide; intravenous, oral, intramuscular anxiety and pain control; pharmacology of agents; complications, their management.

**OMFS:5220 Research Methodology** arr.

Research terminology; application of ethical, quantitative, and qualitative approaches to research; critical analysis of published research; guide and oversee Institutional Review Board (IRB) protocol processes.

**OMFS:8115 Anesthesia and Pain Control I** 1 s.h.

Principles, techniques of complete medical history, head and neck examination, cardiovascular and respiratory examination; neuroanatomical, psychophysiological aspects of pain; pharmacologic action and techniques for using local anesthetics.

**OMFS:8230 Basic Oral and Maxillofacial Surgery** 2 s.h.

In-depth review and instruction pertaining to systemic medical considerations which may affect oral and maxillofacial surgery (OMFS), wound repair, principles of asepsis, routine and complicated exodontia, surgical complications and informed consent, preprosthetic surgery, medical emergencies, management of patients undergoing radiation therapy and chemotherapy, infections, OMFS trauma, temporomandibular disorders, and maxillary sinus and salivary gland disorders.

**OMFS:8245 Anesthesia and Pain Control II** 1 s.h.

Theory, application, and instrumentation of nitrous oxide and IV sedation; emphasis on cardiovascular and respiratory physiology; pre-anesthetic evaluation of patients and practical techniques for nitrous oxide sedation.

**OMFS:8355 Advanced Oral and Maxillofacial Surgery** 1 s.h.

History, evaluation, diagnosis, and treatment of diseases and traumatic injuries of the oral and maxillofacial region.

**OMFS:8360 Clinical Oral and Maxillofacial Surgery** arr.

Develop a foundation of professional knowledge and enhance skills to enable diagnosis and management of surgical problems related to the practice of general dentistry.