

# ORAL & MAXILLOFACIAL SURGERY CERTIFICATE

## Overview

The Oral and Maxillofacial Surgery Program, approved by the Commission on Dental Accreditation (CODA) (<https://coda.ada.org/en/>), is a six-year course of study leading sequentially to an M.D. and then a Certificate. There is a four-year track non M.D. sporadically available to complete open vacancies as needed by the program. The program is designed to integrate the advanced biological basic sciences into progressive clinical training. There is an excellent balance between inpatient admissions and outpatient visits encompassing dentoalveolar and implant surgery, maxillofacial trauma, craniofacial surgery, pathology, orthognathic, preprosthetic, temporomandibular, and reconstructive surgery. There are approximately 24,000 outpatient procedures performed annually in the oral surgery clinic and 1,200 hospital admissions. The residents consistently finish with over 1000 major cases at the end of their training. Emphasis is placed on total health care of the hospitalized patient. Residents are expected to become competent in overall patient management including physical diagnosis, fluid and electrolyte administration, medication, interpretation of laboratory data, etc. Other activities that are used to supplement hospital, clinical, oral and maxillofacial surgery experiences and rotations include a School of Dentistry assignment, emergency room duty, special clinics, conferences and teaching rounds.

Graduates are expected to be able to act as oral and maxillofacial surgery specialists in private practice, educational, and/or hospital settings; to plan and provide oral and maxillofacial surgery care for a wide variety of patients including those with complex disease comorbidities; to function effectively and efficiently in interdisciplinary health care teams; to apply scientific principles to the selection and provision of oral and maxillofacial surgical services, including evidence-based and critical thinking, outcomes-based quality improvement, and technology based information systems; and to demonstrate professionalism, including ethical principles, patient-centered care, and adaptability.

## Admissions Requirements

All applicants for the Oral and Maxillofacial Surgery Program must be graduates of dental schools in the United States or Canada which are accredited by the Commission on Dental Accreditation. Applicants must be a U.S. Citizen or a Permanent Resident. The application should have demonstrated outstanding academic ability, maturity, judgment and ambition. The Oral and Maxillofacial Surgery residency program participates in the Postdoctoral Application Support Service (PASS) for application and the National Dental Matching program for selection. You can receive information at: <http://www.adea.org/passapp/> or by writing:

PASS  
1625 Massachusetts Ave., NW Suite 101  
Washington, DC 20036  
(202) 332-8790

## Degree Requirements

The Oral and Maxillofacial Certificate Program is a full-time course of study, requiring completion of the M.D. as a prerequisite, and then successful completion of 36 months of clinical rotations and successful completion of 6 semester credit hours of required course work.

## Sample Plan of Study

Each course in the following sequence contains modules in: case conference, dentofacial deformities, anesthesia and pain control, journal club, oral pathology, prosthetics conference, and morbidity and mortality conference. Students at each of the various levels participate in common session seminar, lecture, discussion, and case presentation sessions. At each progressive course level, increased knowledge, higher skills, and more-deeply-informed attitudes are expected of the student.

First Year		Credit Hours
<b>Fall</b>		
OSUR 8501	Specialist Advanced Oral and Maxillofacial Surgery 1 (Specialist Advanced Oral and Maxillofacial Surgery 1)	1
<b>Spring</b>		
OSUR 8502	Specialist Advanced Oral and Maxillofacial Surgery 2 (Specialist Advanced Oral and Maxillofacial Surgery 2)	1
<b>Second Year</b>		
<b>Fall</b>		
OSUR 8503	Specialist Advanced Oral and Maxillofacial Surgery 3 (Specialist Advanced Oral and Maxillofacial Surgery 3)	1
<b>Spring</b>		
OSUR 8504	Specialist Advanced Oral and Maxillofacial Surgery 4 (Specialist Advanced Oral and Maxillofacial Surgery 4)	1
<b>Third Year</b>		
<b>Fall</b>		
OSUR 8505	Specialist Advanced Oral and Maxillofacial Surgery 5 (Specialist Advanced Oral and Maxillofacial Surgery 5)	1
<b>Spring</b>		
OSUR 8506	Specialist Advanced Oral and Maxillofacial Surgery 6 (Specialist Advanced Oral and Maxillofacial Surgery 6)	1
<b>Total Credit Hours:</b>		<b>6.0</b>

## Objectives/Program Outcomes

Upon completion of this program, the graduate should be able to:

- Provide competent patient care as evaluated in the six domains of colleague/faculty communication, assessment and data analysis, decision making and judgment, patient communication, patient/family education, and performance of procedures;
- Make use of a fund of medical knowledge in the following three domains: to develop a clear rationale for procedures, to use evidence-based reasoning, and to address clinical problems;
- Demonstrate adequate technical abilities in the practice of oral and maxillofacial surgery.

## Courses

### **OSUR 6000. Introduction to Advanced Oral Surgery for Interns. 1 Credit Hour.**

#### **OSUR 7051. Oral & Maxillofacial Surgery. 4 Credit Hours.**

The junior Oral and Maxillofacial Surgery experience will be a concentrated exposure to the specialty. OSUR 7051 consists of clinical experiences and a self-study, Canvas-based course. Biweekly seminars will supplement the self-study course. Junior students will be assigned to the Oral and Maxillofacial Surgery service for four weeks. During this time they will treat patients in the outpatient OMS clinic, the University Hospital Clinic Downtown, and they will work in the OMS Suite. Outpatient dentoalveolar surgery will be the focus. Students will have an opportunity to administer nitrous oxide sedation and observe cases where intravenous sedation is used. Opportunities may also be available for a limited number of students to observe and participate in the OR, ER, and on rounds at the University Hospital.

#### **OSUR 8501. Specialist Advanced Oral and Maxillofacial Surgery 1. 1 Credit Hour.**

Students at the PGY4 level of OMS residency training will rotate in General Surgery, Anesthesia and Otolaryngology at an intern level. Residents participating in these rotations are treated like all medical or surgical residents of the same level. Assignments are consecutive. One anesthesia month is dedicated to pediatric anesthesia service or ambulatory pediatric anesthesia. Residents will complete monthly rotations on surgical services that have been designed to capitalize on the true broad-spectrum general surgery practice including Surgical Oncology, ENT, CT Surgery, Trauma, VA Blue and SICU. All rotations will be performed at University Hospital and VA Hospital in San Antonio, TX. These rotations meet the accreditation standards set out by the Commission on Dental Accreditation and are a requirement to advance to the next year (4-3.1, 4-3.2 and 4-3.3). Prerequisites: Successful completion of PGY1-PGY3 years in Oral and Maxillofacial Surgery training program.

#### **OSUR 8502. Specialist Advanced Oral and Maxillofacial Surgery 2. 1 Credit Hour.**

Students at the PGY4 level of OMS residency training will rotate in General Surgery, Anesthesia and Otolaryngology at an intern level. Residents participating in these rotations are treated like all medical or surgical residents of the same level. Assignments are consecutive. One anesthesia month is dedicated to pediatric anesthesia service or ambulatory pediatric anesthesia. Residents will complete monthly rotations on surgical services that have been designed to capitalize on the true broad-spectrum general surgery practice including Surgical Oncology, ENT, CT Surgery, Trauma, VA Blue and SICU. All rotations will be performed at University Hospital and VA Hospital in San Antonio, TX. These rotations meet the accreditation standards set out by the Commission on Dental Accreditation and are a requirement to advance to the next year (4-3.1, 4-3.2 and 4-3.3). Prerequisites: Must successfully complete PGY1-PGY3 years in Oral and Maxillofacial Surgery training program.

#### **OSUR 8503. Specialist Advanced Oral and Maxillofacial Surgery 3. 1 Credit Hour.**

Each course in this sequence contains modules in: case conference, dentofacial deformities, anesthesia and pain control, journal club, oral pathology, prosthetics conference, and morbidity and mortality conference. Students at each of the various levels participate in common session seminar, lecture, discussion, and case presentation sessions. At each progressive course level, increased knowledge, higher skills, and more-deeply-informed attitudes are expected of the student.

#### **OSUR 8504. Specialist Advanced Oral and Maxillofacial Surgery 4. 1 Credit Hour.**

Each course in this sequence contains modules in: case conference, dentofacial deformities, anesthesia and pain control, journal club, oral pathology, prosthetics conference, and morbidity and mortality conference. Students at each of the various levels participate in common session seminar, lecture, discussion, and case presentation sessions. At each progressive course level, increased knowledge, higher skills, and more-deeply-informed attitudes are expected of the student.

#### **OSUR 8505. Specialist Advanced Oral and Maxillofacial Surgery 5. 1 Credit Hour.**

Each course in this sequence contains modules in: case conference, dentofacial deformities, anesthesia and pain control, journal club, oral pathology, prosthetics conference, and morbidity and mortality conference. Students at each of the various levels participate in common session seminar, lecture, discussion, and case presentation sessions. At each progressive course level, increased knowledge, higher skills, and more-deeply-informed attitudes are expected of the student.

#### **OSUR 8506. Specialist Advanced Oral and Maxillofacial Surgery 6. 1 Credit Hour.**

Each course in this sequence contains modules in: case conference, dentofacial deformities, anesthesia and pain control, journal club, oral pathology, prosthetics conference, and morbidity and mortality conference. Students at each of the various levels participate in common session seminar, lecture, discussion, and case presentation sessions. At each progressive course level, increased knowledge, higher skills, and more-deeply-informed attitudes are expected of the student.