

# ORAL & MAXILLOFACIAL SURGERY CERTIFICATE

## Overview

The Oral and Maxillofacial Surgery Program is a six-year course of study leading sequentially to an M.D. and then a Certificate. 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 surgery, maxillofacial trauma, pathology, orthognathic, preprosthetic, temporomandibular, and reconstructive surgery. There are approximately 10,000 outpatient procedures performed annually in the oral surgery clinic and 450 hospital admissions. 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. 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
Total Credit Hours:		6.0

## 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.

## Program Policies

### Academic Probation and Dismissal

An advanced education student may be placed on academic probation for reasons of substandard performance in didactic, clinical, behavioral or professional/ethical areas. A student whose overall grade point average falls below B (3.0) or who receives a final grade of D, F or U for any course during any one grading period will be considered for a recommendation of academic probation by the departmental Residency Oversight Committee of the appropriate program. A recommendation for probation will be made to the Advanced Education Committee's (AEC) Graduate Program

Directors Subcommittee, which is comprised of the Program Directors of all the Advanced Education Programs in the School of Dentistry and the Associate Dean for Student Affairs. Only the Program Directors will be voting members of this Subcommittee; the Associate Dean for Student Affairs will serve in an ex-officio capacity as a non-voting member.

In addition, the departmental Residency Oversight Committee may recommend to the AEC's Graduate Program Directors Subcommittee that a student be placed on academic probation for clinical, behavioral or professional/ethical performance that does not meet the standards of the program. The AEC's Graduate Program Directors Subcommittee will formally place the student on academic probation upon majority vote of the members.

A student placed on academic probation will be given written notification by the Chair of the Advanced Education Committee of such status. This notification will serve as an official warning to the student that her or his didactic, clinical, behavioral and/or professional/ethical performance is below standard and continuation in the postgraduate program is in jeopardy. The student will be allowed an opportunity to correct the substandard performance that led to academic probation status over a probationary time period determined by the departmental Residency Oversight Committee. At subsequent monthly AEC meetings, the Program Director of the affected residency will report to the AEC on the status of the probated student's progress. Upon the student's successful correction of performance deficiencies, he or she will be removed from academic probation. If the reason for academic probation was a GPA below 3.0, the student will remain on probation for as long as her or his cumulative GPA is below 3.0. While on probation, a student must maintain a B average in those courses for which he or she is registered or be considered for dismissal recommendation by the departmental Residency Oversight Committee. A recommendation to remove the student from academic probation will be made by the departmental Residency Oversight Committee to the AEC's Graduate Program Directors Subcommittee, which will remove academic probation status upon majority vote on the members.

If the substandard performance that led to academic probation is not corrected, the student will be subject to dismissal from the program.

A recommendation for dismissal will be made by the departmental Residency Oversight Committee to the AEC's Graduate Program Directors Subcommittee. The AEC's Graduate Program Directors Subcommittee will consider the recommendation for dismissal and will formally dismiss the student from the program upon majority vote of the members. A student will be subject to dismissal actions without a probationary period if he or she receives a final grade of D or F for 4 (four) or more credit hours of required course work during a single grading period.

During academic probation and dismissal actions, the student may address the AEC Graduate Program Directors Subcommittee in writing or may request permission to appear before the Subcommittee to present her or his views. The Advanced Education Committee will transmit recommendations for dismissal through the Associate Dean for Student Affairs to the Dean. Students may appeal academic dismissal to the School of Dentistry Dean.

## Courses

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

**OSUR 6051. Oral Surgery 1. 1.5 Credit Hour.**

Didactic presentation of basic principles of oral & maxillofacial surgery is included in this course. Detailed instruction in biopsy technique, suturing, tooth removal, preparation of the mouth for dentures, and minor oral surgery is included. Lab fee included in general laboratory fee.

**OSUR 6056. Local Anesthesia. 1.5 Credit Hour.**

This is a didactic course dealing with aspects of local anesthesia as they relate to dental practice. Neuroanatomy, physiology, and pharmacology of local anesthesia are presented, as well as the prevention and management of complications and emergencies encountered in clinical local anesthesia.

**OSUR 6140. Nitrous Oxide. 0.5 Credit Hours.**

This is a didactic and laboratory course presenting the fundamentals of patient anxiety control through the use of nitrous oxide conscious sedation for both the adult and child patient.

**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, Blackboard-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 8055. Advanced Oral & Maxillofacial Surgery. 0.5 Credit Hours.**

This course provides essential advanced information about Oral and Maxillofacial Surgery as it relates to the practice of General Dentistry and covered on the National Board exam. The course encompasses material on advanced dentoalveolar surgery, trauma management, reconstructive surgeries, management of sinus and salivary gland disease, cosmetic surgery and other entities managed by the Oral and Maxillofacial surgeon.

**OSUR 8501. Specialist Advanced Oral and Maxillofacial Surgery 1. 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 8502. Specialist Advanced Oral and Maxillofacial Surgery 2. 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 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.