

# ORAL AND MAXILLOFACIAL SURGERY (ADVANCED CERTIFICATE)

NYSED: 00782 HEGIS: 1205.00 CIP: 51.0501

## Program Overview

The Advanced Education Program in Oral and Maxillofacial Surgery is based at the Bellevue Hospital Center campus of New York University Medical Center. The Department of Oral and Maxillofacial Surgery dates back to 1867, when the first organized course in oral surgery was offered by what was then known as the New York College of Dentistry. The long affiliation between NYU and Bellevue Hospital has enabled the program to fulfill its mission in training postdoctoral students to become leaders in the field of oral and maxillofacial surgery. Many surgeons responsible for the changing face of the specialty were also leaders of the Department of Oral and Maxillofacial Surgery, among them Drs. Leo Winter, Harry Seldin, and William Harrigan.

Didactic training in biomedical sciences takes place at the College of Dentistry and the Medical Center. A wealth of clinical experience is achieved at the teaching hospitals. These include NYU Langone Medical Center, Bellevue Hospital and The Harbor Healthcare System - Veterans Administration Hospital.

## Eligibility for Licensure

Completion of the CODA-accredited Advanced Education Program in Oral & Maxillofacial Surgery satisfies the training requirements for eligibility for participation in the board certification process for the American Board of Oral & Maxillofacial Surgery. Eligibility for dental licensure is based on pre-professional, professional and post-graduate training and varies by state/jurisdiction. Candidates should check the state/jurisdiction regulations for dental licensure for the state(s)/jurisdictions(s) in which they are seeking licensure in order to ensure that they comply with all requirements.

## Accreditation Status

The program is fully accredited by the Commission on Dental Accreditation of the American Dental Association. Each year two applicants are accepted into the six-year OMS/MD program and one applicant is accepted into the four-year OMS certificate program.

## Eligibility and Selection

The program participates in PASS (Postdoctoral Application Support Service) and the National Matching Program (the "Match"). The deadline for receipt of application materials is October 1st of the year prior to expected matriculation. Individuals with the following qualification are eligible for acceptance to the training program:

1. Graduate from institutions approved by the Commission on Dental Accreditation of the American Dental Association.
2. All applicants must be U.S. citizens or permanent residents. Proof of citizenship and/or green card must be provided before interview will be granted.
3. All applicants **must** be eligible for New York State Licensure in Dentistry. This can be accomplished by passage of the North East Regional Dental Board Examination, state reciprocity, or in the case of

New York State, by completion of a CODA approved dental advanced education program. Medical Licensure **must** be obtained before Year 6 of the combined MD-Certificate program. New York State Dental Licensure can only be obtained after completion of the program. All residents will be listed in the official NY State dental PG program listing.

## Admissions

See Admissions & Application Process (<https://dental.nyu.edu/education/advanced-education-programs/oms4/admissions.html>) for admission requirements and instructions specific to this program

## Program Requirements 4-Year Certificate Program

The four-year certificate training program has been developed to prepare the graduated dentist an academic and/or private practice career in Oral and Maxillofacial Surgery. It is an integrated clinical and didactic program designed to meet the requirements leading to certification by the American Board of Oral and Maxillofacial Surgery. Upon completion of the residency program, the candidate will receive a specialty certificate in Oral and Maxillofacial Surgery.

The didactic training in Oral and Maxillofacial Surgery begins with postgraduate courses in craniofacial development, head and neck anatomy, wound healing, applied medical sciences, and physical diagnosis. These essential foundation courses are supplemented by certification in ACLS, PALS, and ATLS. Each Tuesday morning is dedicated to selected topics in oral and maxillofacial surgery. This includes but is not limited to:

- Maxillofacial trauma
- Pathologic lesions of the head and neck
- Correction of dentofacial deformities
- Maxillofacial reconstruction
- Temporomandibular joint surgery
- Dentoalveolar surgery
- Ambulatory general anesthesia and deep sedation
- Cleft lip and palate repair
- Management of odontogenic infections
- Dental implants
- Management of facial pain
- Facial aesthetic surgery
- Coding and nomenclature
- Risk management

Monday morning attending conference reviews each case from the preceding week. The Chair and faculty in the Pathology Department at the College teach Oral Pathology two times a month.

In addition, there are regularly scheduled multidisciplinary conferences in dentofacial deformities, facial trauma, craniofacial-cleft lip and palate, and Head and Neck Tumor Board.

## Year One

The first year of the program consists of seven months on the Oral and Maxillofacial Surgery Service and five months on the Anesthesia Service at NYU Langone Medical Center. The resident functions as a first year anesthesia resident with on-call responsibilities. In addition, the resident

completes Basic Science Courses at NYU Dentistry and a Physical Diagnosis Course.

1 Block = 4 Weeks

Anesthesia: 5 Blocks

Oral/Maxillofacial Surgery: 8 Blocks

## Year Two

The second year of the program is dedicated to completion of the off-service rotations and gaining experience in major oral and maxillofacial surgery procedures. While on General Surgery and Medicine rotations, the resident functions as a first year resident with on-call responsibilities.

1 Block = 4 Weeks

General Surgery: 4 Blocks

Medicine: 2 Blocks

Oral/Maxillofacial Surgery: 7 Blocks

## Year Three

In the third year of the program the resident completes 3 additional months of off-service rotations (Surgical ICU/ER/Perioperative Medicine and Anesthesia) and, if desired, an elective in Craniofacial Surgery at the Institute of Reconstructive and Plastic Surgery.

1 Block = 4 Weeks

SICU: 1 Block

ER: 1 Block

Perioperative Medicine and Anesthesia: 1 Block

Elective: 1 Block

Oral/Maxillofacial Surgery: 9 Blocks

## Year Four

The fourth year of the program consists of 13 blocks of rotations on the Oral and Maxillofacial Surgery Service at Bellevue Hospital/New York University Medical Center and affiliated hospitals. The resident will function as a chief resident with experiences and expectations consistent with this level of training. During this final year of training, residents may participate in global outreach programs.

## 4-Year Required Courses

Course	Title	Credits	
<b>CORE COURSES</b>			
DGSCI-DN 9312	Multidisciplinary Seminars A: (This course is taken 1.75 three times for a total of 1.75 credits)	1.75	
DGSCI-DN 9512	Multidisciplinary Seminars B: (This course is taken 1.25 twice for a total of 1.25 credits)	1.25	
BASCI-DN 5055	Advanced Education Core Sciences	3.75	
BASCI-DN 5056	Applied Sciences	1.75	
BASCI-DN 8046	Growth & Development I	1	
BASCI-DN 8047	Growth & Development II	0.75	
BASCI-DN 8043	Clinical Application of Advances in Wound Healing	1.5	
<b>YEAR ONE</b>			
DGSCI-DN 9340	Principles of Oral and Maxillofacial Surgery 4-year I A	2	
DGSCI-DN 9341	Conferences in Oral and Maxillofacial Surgery 4-year I A	1	
DGSCI-DN 9369	OMFS 4-year Interdisciplinary Conferences I A	0.75	
DGSCI-DN 9339	Advanced Education in Oral & Maxillofacial Surgery 4-year Clinic I	25.75	
DGSCI-DN 9373	OMFS 4-year On-call Hours I A	23	
DGSCI-DN 9573	OMFS 4-year On-call Hours I B	23	
DGSCI-DN 9392	OMFS 4-year Anesthesia Rotation	0	
<b>YEAR TWO</b>			
DGSCI-DN 9343	Principles of Oral and Maxillofacial Surgery 4-year I B	2	
DGSCI-DN 9345	Conferences in Oral and Maxillofacial Surgery 4-year I B	1	
DGSCI-DN 9344	OMFS 4-year Interdisciplinary Conferences I B	0.75	
DGSCI-DN 9359	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic II	25.75	
DGSCI-DN 9378	OMFS 4-year On-call Hours II A	6	
DGSCI-DN 9578	OMFS 4-year On-call Hours II B	23	
DGSCI-DN 9342	OMFS 4-year General Surgery Rotation	0	
DGSCI-DN 9393	OMFS 4-year Internal Medicine Rotation	0	
<b>YEAR THREE</b>			
DGSCI-DN 9347	Principles of Oral and Maxillofacial Surgery 4-year II A	2	
DGSCI-DN 9547	Principles of Oral and Maxillofacial Surgery 4-year II B	2	
DGSCI-DN 9349	Conferences in Oral and Maxillofacial Surgery 4-year II A	1	
DGSCI-DN 9549	Conferences in Oral and Maxillofacial Surgery 4-year II B	1	
DGSCI-DN 9348	OMFS 4-year Interdisciplinary Conferences II A	0.75	
DGSCI-DN 9548	OMFS 4-year Interdisciplinary Conferences II B	0.75	
DGSCI-DN 9346	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic III A	25.75	
DGSCI-DN 9546	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic III B	25.75	
DGSCI-DN 9379	OMFS 4-year On-call Hours III A	23	
DGSCI-DN 9579	OMFS 4-year On-call Hours III B	23	
<b>YEAR FOUR</b>			
DGSCI-DN 9351	Principles of Oral and Maxillofacial Surgery 4-year III A	2	
DGSCI-DN 9551	Principles of Oral and Maxillofacial Surgery 4-year III B	2	
DGSCI-DN 9353	Conferences in Oral and Maxillofacial Surgery 4-year III A	1	
DGSCI-DN 9553	Conferences in Oral and Maxillofacial Surgery 4-year III B	1	
DGSCI-DN 9352	OMFS 4-year Interdisciplinary Conferences III A	0.75	
DGSCI-DN 9552	OMFS 4-year Interdisciplinary Conferences III B	0.75	
DGSCI-DN 9350	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic IV A	25.75	
DGSCI-DN 9550	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic IV B	25.75	
DGSCI-DN 9380	OMFS 4-year On-call Hours IV A	23	
DGSCI-DN 9580	OMFS 4-year On-call Hours IV B	23	
<b>Total Credits</b>			<b>355.75</b>

## 6-Year Dual Degree with NYU Grossman School of Medicine

The didactic training in Oral and Maxillofacial Surgery begins with postgraduate courses in craniofacial development, head and neck anatomy, and physical diagnosis. These essential foundation courses are supplemented by certification in ACLS, PALS, and ATLS. Each Tuesday morning is dedicated to selected topics in oral and maxillofacial surgery.

This includes but is not limited to:

- Maxillofacial Trauma
- Pathologic lesions of the head and neck
- Correction of dentofacial deformities
- Maxillofacial Reconstruction
- Temporomandibular joint surgery
- Dentoalveolar surgery
- Ambulatory general anesthesia and deep sedation
- Cleft lip and palate repair
- Management of odontogenic infections
- Dental implants
- Management of facial pain
- Facial aesthetic surgery
- Coding and nomenclature
- Risk management

Monday morning attending conference reviews each case from the preceding week. The Chair and faculty in the Pathology Department at the College teach Oral Pathology once per month.

In addition, there are regularly scheduled multidisciplinary conferences in dentofacial deformities, facial trauma, craniofacial-cleft lip and palate, and Head and Neck Tumor Board.

### Year One

The first year of the program consists of an introductory block on the Oral and Maxillofacial Surgery Service and 11 blocks in the Medical School, followed by an additional block at the end of the PGY-1 year of the program. Please visit Education at NYU School of Medicine (<http://school.med.nyu.edu>) for further information. In addition, the resident completes Basic Science Core Courses at NYU College of Dentistry and an introductory Physical Diagnosis Course with OMFS faculty.

1 Block = 4 weeks

- Oral/Maxillofacial Surgery: 2 Blocks
- Medical School: 11 Blocks

### Years Two and Three

The second and third years of the program function as a continuum of surgical and medical education. In the beginning of the second year, the resident spends several months back on the OMS service. The residents continue the medical clerkships throughout the second year. The USMLE Step I is scheduled in the second year of the program. Year Three of the program is a continuation and completion of medical school, including preparation for the USMLE Step II and completion of a mandatory 5 block rotation on the Anesthesia Service. Graduation from medical school is planned at the end of Year Three of the program.

1 Block = 4 Weeks

*OMS: 4-5 Blocks*

*Medical School: 21-22 Blocks (including 5 Blocks of Anesthesia)*

- Pathophysiological Basis of Medicine
- Neuroscience
- Pharmacology
- Pathology
- Psychopathology
- Biostatistics, Epidemiology, and Preventive Medicine
- Physical Diagnosis

**Clerkships**

- Ambulatory Care Clerkship
- Obstetrics & Gynecology
- Medicine
- Pediatrics
- Neurology
- Psychiatry
- Surgery
- Advanced Electives

### Year Four

The fourth year of the program consists of 13 blocks of rotations on the Oral and Maxillofacial Surgery Service at Bellevue Hospital/New York University Langone Medical Center and affiliated hospitals.

1 Block = 4 Weeks

*OMS: 13 Blocks*

### Year Five

The fifth year of the program is spent as an R-1 on the General Surgery Service. The resident functions as a full time member of the General Surgery Department. This 12 month rotation is an essential component necessary for New York State medical licensure. USMLE Step III should be completed during this year of training.

1 Block = 4 Weeks

*Core General Surgery: 8 Blocks*

*Craniofacial Elective: 1 Block*

*Oral/Maxillofacial Surgery: 3 Blocks*

*Vacation: 1 Block*

### Year Six

The sixth year of the program consists of 13 blocks of rotations on the Oral and Maxillofacial Surgery Service at Bellevue Hospital/New York University Langone Medical Center and affiliated hospitals. The resident will function as a chief resident with experiences and expectations consistent with this level of training. During this final year of training, residents may participate in volunteer missions and outreach trips.

### 6-Year Required Courses

Course	Title	Credits
<b>CORE COURSES</b>		
DGSCI-DN 9312	Multidisciplinary Seminars A: (This course is taken twice for a total of 1.25 credits)	

DGSCI-DN 9512	Multidisciplinary Seminars B: (This course is taken twice for a total of 1.25 credits)	1.25	DGSCI-DN 9367	OMFS 6-year Interdisciplinary Conferences II A	0.75
BASCI-DN 5055	Advanced Education Core Sciences	1.25	DGSCI-DN 9567	OMFS 6-year Interdisciplinary Conferences II B	0.75
BASCI-DN 8046	Growth & Development I	1	DGSCI-DN 9365	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II A	25.75
BASCI-DN 8047	Growth & Development II	0.75	DGSCI-DN 9565	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II B	25.75
<b>YEAR ONE</b>					
DGSCI-DN 9391	OMFS 6-year Pre-clinical Med School A	0	DGSCI-DN 9386	OMFS 6-year On-call Hours VI A	23
DGSCI-DN 9591	OMFS 6-year Pre-clinical Med School B	0	DGSCI-DN 9586	OMFS 6-year On-call Hours VI B	23
DGSCI-DN 9381	OMFS 6-year On-call Hours I A	23	<b>Total Credits</b>		<b>329.5</b>
DGSCI-DN 9581	OMFS 6-year On-call Hours I B	23			

**YEAR TWO**

DGSCI-DN 9354	OMFS 6-year Med School Clerkship I A	0
DGSCI-DN 9554	OMFS 6-year Med School Clerkship I B	0
DGSCI-DN 9382	OMFS 6-year On-call Hours II A	23
DGSCI-DN 9582	OMFS 6-year On-call Hours II B	23

**YEAR THREE**

DGSCI-DN 9358	OMFS 6-year Med School Clerkship II A	0
DGSCI-DN 9558	OMFS 6-year Med School Clerkship/Anesthesia II B	0
DGSCI-DN 9383	OMFS 6-year On-call Hours III A	0
DGSCI-DN 9583	OMFS 6-year On-call Hours III B	0
<b>YEAR FOUR</b>		

DGSCI-DN 9361	Principles of Oral and Maxillofacial Surgery 6-year I A	2
DGSCI-DN 9561	Principles of Oral and Maxillofacial Surgery 6-year I B	2
DGSCI-DN 9363	Conferences in Oral and Maxillofacial Surgery 6-year I A	1
DGSCI-DN 9563	Conferences in Oral and Maxillofacial Surgery 6-year I B	1
DGSCI-DN 9362	OMFS 6-year Interdisciplinary Conferences I A	0.75
DGSCI-DN 9562	OMFS 6-year Interdisciplinary Conferences I B	0.75
DGSCI-DN 9360	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic I A	25.75
DGSCI-DN 9560	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic I B	25.75
DGSCI-DN 9384	OMFS 6-year On-call Hours IV A	23
DGSCI-DN 9584	OMFS 6-year On-call Hours IV B	23

**YEAR FIVE**

DGSCI-DN 9385	OMFS 6-year On-call Hours V A	11
DGSCI-DN 9585	OMFS 6-year On-call Hours V B	11
DGSCI-DN 9364	OMFS 6-year Med School General Surgery Rotation A	0
DGSCI-DN 9564	OMFS 6-year Med School General Surgery Rotation B	0

**YEAR SIX**

DGSCI-DN 9366	Principles of Oral and Maxillofacial Surgery 6-year II A	2
DGSCI-DN 9566	Principles of Oral and Maxillofacial Surgery 6-year II B	2
DGSCI-DN 9368	Conferences in Oral and Maxillofacial Surgery 6-year II A	1
DGSCI-DN 9568	Conferences in Oral and Maxillofacial Surgery 6-year II B	1

**Research Program**

It is required that each resident have an abstract or poster accepted based upon his or her research efforts for presentation at the AAOMS National meeting during their training. Faculty mentors and research supervisors are assigned early during the PGY-1 year in the resident's program.

**Sample Plan of Study****Four-Year Advanced Certificate**

Course	Title	Credits
<b>1st Semester/Term</b>		
DGSCI-DN 9312	Multidisciplinary Seminars A:	0.5
BASCI-DN 5055	Advanced Education Core Sciences	3.75
BASCI-DN 8046	Growth & Development I	1
BASCI-DN 8043	Clinical Application of Advances in Wound Healing	1.5
BASCI-DN 5056	Applied Sciences	1.75
DGSCI-DN 9340	Principles of Oral and Maxillofacial Surgery 4-year I A	2
DGSCI-DN 9341	Conferences in Oral and Maxillofacial Surgery 4-year I A	1
DGSCI-DN 9369	OMFS 4-year Interdisciplinary Conferences I A	0.75
DGSCI-DN 9339	Advanced Education in Oral & Maxillofacial Surgery 4-year Clinic I	25.75
DGSCI-DN 9373	OMFS 4-year On-call Hours I A	23
<b>Credits</b>		<b>61</b>
<b>2nd Semester/Term</b>		
BASCI-DN 8047	Growth & Development II	0.75
DGSCI-DN 9392	OMFS 4-year Anesthesia Rotation	0
DGSCI-DN 9573	OMFS 4-year On-call Hours I B	23
<b>Credits</b>		<b>23.75</b>
<b>3rd Semester/Term</b>		
DGSCI-DN 9342	OMFS 4-year General Surgery Rotation	0
DGSCI-DN 9393	OMFS 4-year Internal Medicine Rotation	0
DGSCI-DN 9378	OMFS 4-year On-call Hours II A	6
<b>Credits</b>		<b>6</b>
<b>4th Semester/Term</b>		
DGSCI-DN 9343	Principles of Oral and Maxillofacial Surgery 4-year I B	2
DGSCI-DN 9345	Conferences in Oral and Maxillofacial Surgery 4-year I B	1
DGSCI-DN 9344	OMFS 4-year Interdisciplinary Conferences I B	0.75
DGSCI-DN 9359	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic II	25.75
DGSCI-DN 9578	OMFS 4-year On-call Hours II B	23
<b>Credits</b>		<b>52.5</b>
<b>5th Semester/Term</b>		
DGSCI-DN 9312	Multidisciplinary Seminars A:	0.5
DGSCI-DN 9347	Principles of Oral and Maxillofacial Surgery 4-year II A	2
DGSCI-DN 9349	Conferences in Oral and Maxillofacial Surgery 4-year II A	1
DGSCI-DN 9348	OMFS 4-year Interdisciplinary Conferences II A	0.75

DGSCI-DN 9346	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic III A	25.75	<b>6th Semester/Term</b>	
DGSCI-DN 9379	OMFS 4-year On-call Hours III A	23	DGSCI-DN 9558	OMFS 6-year Med School Clerkship/Anesthesia II B
	<b>Credits</b>	<b>53</b>	DGSCI-DN 9583	OMFS 6-year On-call Hours III B
				<b>Credits</b>
<b>6th Semester/Term</b>				<b>0</b>
DGSCI-DN 9512	Multidisciplinary Seminars B:	0.5	DGSCI-DN 9312	Multidisciplinary Seminars A:
DGSCI-DN 9547	Principles of Oral and Maxillofacial Surgery 4-year II B	2	DGSCI-DN 9361	Principles of Oral and Maxillofacial Surgery 6-year I A
DGSCI-DN 9549	Conferences in Oral and Maxillofacial Surgery 4-year II B	1	DGSCI-DN 9363	Conferences in Oral and Maxillofacial Surgery 6-year I A
DGSCI-DN 9548	OMFS 4-year Interdisciplinary Conferences II B	0.75	DGSCI-DN 9362	OMFS 6-year Interdisciplinary Conferences I A
DGSCI-DN 9546	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic III B	25.75	DGSCI-DN 9360	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic I A
DGSCI-DN 9579	OMFS 4-year On-call Hours III B	23	DGSCI-DN 9384	OMFS 6-year On-call Hours IV A
	<b>Credits</b>	<b>53</b>		
				<b>Credits</b>
<b>7th Semester/Term</b>				<b>53</b>
DGSCI-DN 9312	Multidisciplinary Seminars A:	0.75	DGSCI-DN 9512	Multidisciplinary Seminars B:
DGSCI-DN 9351	Principles of Oral and Maxillofacial Surgery 4-year III A	2	DGSCI-DN 9561	Principles of Oral and Maxillofacial Surgery 6-year I B
DGSCI-DN 9353	Conferences in Oral and Maxillofacial Surgery 4-year III A	1	DGSCI-DN 9563	Conferences in Oral and Maxillofacial Surgery 6-year I B
DGSCI-DN 9352	OMFS 4-year Interdisciplinary Conferences III A	0.75	DGSCI-DN 9562	OMFS 6-year Interdisciplinary Conferences I B
DGSCI-DN 9350	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic IV A	25.75	DGSCI-DN 9560	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic I B
DGSCI-DN 9380	OMFS 4-year On-call Hours IV A	23	DGSCI-DN 9584	OMFS 6-year On-call Hours IV B
	<b>Credits</b>	<b>53.25</b>		
				<b>Credits</b>
<b>8th Semester/Term</b>				<b>53</b>
DGSCI-DN 9512	Multidisciplinary Seminars B:	0.75	DGSCI-DN 9364	OMFS 6-year Med School General Surgery Rotation A
DGSCI-DN 9551	Principles of Oral and Maxillofacial Surgery 4-year III B	2	DGSCI-DN 9385	OMFS 6-year On-call Hours V A
DGSCI-DN 9553	Conferences in Oral and Maxillofacial Surgery 4-year III B	1		<b>Credits</b>
DGSCI-DN 9552	OMFS 4-year Interdisciplinary Conferences III B	0.75		<b>11</b>
DGSCI-DN 9550	Advanced Education in Oral and Maxillofacial Surgery 4-year Clinic IV B	25.75	DGSCI-DN 9564	OMFS 6-year Med School General Surgery Rotation B
DGSCI-DN 9580	OMFS 4-year On-call Hours IV B	23	DGSCI-DN 9585	OMFS 6-year On-call Hours V B
	<b>Credits</b>	<b>53.25</b>		
				<b>Credits</b>
<b>Total Credits</b>		<b>355.75</b>		<b>11</b>
<b>11th Semester/Term</b>				
DGSCI-DN 9312	Multidisciplinary Seminars A:	0.75	DGSCI-DN 9366	Principles of Oral and Maxillofacial Surgery 6-year II A
DGSCI-DN 9366	Principles of Oral and Maxillofacial Surgery 6-year II A	2	DGSCI-DN 9368	Conferences in Oral and Maxillofacial Surgery 6-year II A
DGSCI-DN 9368	Conferences in Oral and Maxillofacial Surgery 6-year II A	1	DGSCI-DN 9367	OMFS 6-year Interdisciplinary Conferences II A
DGSCI-DN 9367	OMFS 6-year Interdisciplinary Conferences II A	0.75	DGSCI-DN 9365	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II A
DGSCI-DN 9365	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II A	25.75	DGSCI-DN 9386	OMFS 6-year On-call Hours VI A
DGSCI-DN 9386	OMFS 6-year On-call Hours VI A	23		<b>Credits</b>
				<b>53.25</b>
<b>12th Semester/Term</b>				
DGSCI-DN 9512	Multidisciplinary Seminars B:	0.75	DGSCI-DN 9566	Principles of Oral and Maxillofacial Surgery 6-year II B
DGSCI-DN 9566	Principles of Oral and Maxillofacial Surgery 6-year II B	2	DGSCI-DN 9568	Conferences in Oral and Maxillofacial Surgery 6-year II B
DGSCI-DN 9568	Conferences in Oral and Maxillofacial Surgery 6-year II B	1	DGSCI-DN 9567	OMFS 6-year Interdisciplinary Conferences II B
DGSCI-DN 9567	OMFS 6-year Interdisciplinary Conferences II B	0.75	DGSCI-DN 9565	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II B
DGSCI-DN 9565	Advanced Education in Oral & Maxillofacial Surgery 6-year Clinic II B	25.75	DGSCI-DN 9586	OMFS 6-year On-call Hours VI B
DGSCI-DN 9586	OMFS 6-year On-call Hours VI B	23		<b>Credits</b>
				<b>53.25</b>
<b>Total Credits</b>				<b>329.5</b>

## Six-Year MD/Advanced Certificate

Course	Title	Credits		
<b>1st Semester/Term</b>				
BASCI-DN 5055	Advanced Education Core Sciences	1.25		
BASCI-DN 8046	Growth & Development I	1		
DGSCI-DN 9391	OMFS 6-year Pre-clinical Med School A	0		
DGSCI-DN 9381	OMFS 6-year On-call Hours I A	23		
	<b>Credits</b>	<b>25.25</b>		
<b>2nd Semester/Term</b>				
BASCI-DN 8047	Growth & Development II	0.75		
DGSCI-DN 9581	OMFS 6-year On-call Hours I B	23		
DGSCI-DN 9591	OMFS 6-year Pre-clinical Med School B	0		
	<b>Credits</b>	<b>23.75</b>		
<b>3rd Semester/Term</b>				
DGSCI-DN 9354	OMFS 6-year Med School Clerkship I A	0		
DGSCI-DN 9382	OMFS 6-year On-call Hours II A	23		
	<b>Credits</b>	<b>23</b>		
<b>4th Semester/Term</b>				
DGSCI-DN 9554	OMFS 6-year Med School Clerkship I B	0		
DGSCI-DN 9582	OMFS 6-year On-call Hours II B	23		
	<b>Credits</b>	<b>23</b>		
<b>5th Semester/Term</b>				
DGSCI-DN 9358	OMFS 6-year Med School Clerkship II A	0		
DGSCI-DN 9383	OMFS 6-year On-call Hours III A	0		
	<b>Credits</b>	<b>0</b>		

## Learning Outcomes

Upon completion of the 4- and 6-year postgraduate training in Oral and Maxillofacial Surgeon in accordance with the standards set by the American Association of Oral and Maxillofacial Surgeons, the student will be eligible for Board Certification and will have expertise in the following Practice Domains.

## Anesthesia and Medicine

1. Demonstrates expert knowledge of anesthetic pharmacology
2. Demonstrates expert knowledge of common medical conditions
3. Demonstrates expert knowledge of difficult airway management
4. Demonstrates advanced knowledge of complex and uncommon medical conditions
5. Achieves ACLS and PALS certification
6. Engages in outcomes based research specific to the practice of anesthesia

## Pre-anesthetic Assessment of Adult and Pediatric Patients

1. Independently performs comprehensive medical history and physical examination of complex patients
2. Integrates information between medical history and physical examination
3. Independently interprets diagnostic studies
4. Independently recognizes need for pre-anesthetic optimization of patients, when appropriate
5. Models and teaches performance of comprehensive medical history and physical examination

## Anesthetic Plan and Administration for Adult and Pediatric Patients

1. Independently formulates customized anesthetic plan for adult and pediatric patients
2. Independently performs all levels of routine and complex anesthetics for adults and pediatric patients
3. Independently interprets data from monitors
4. Independently manages routine anesthetic complications

## Anesthesia – Airway Skills and Parenteral Access in Adult and Pediatric Patients

1. Independently performs prolonged mask ventilation
2. Independently performs intramuscular injections
3. Performs advanced techniques to secure access to administer drugs (e.g., intraosseous)

## Pain Management

1. Demonstrates expert knowledge of opioid and non-opioid analgesic pharmacology
2. Demonstrates expert knowledge of the pathophysiology of acute and chronic pain
3. Demonstrates expert knowledge of medical and pharmacological management of chronic facial pain
4. Independently manages complex procedural pain
5. Independently manages uncomplicated chronic pain conditions
6. Recognizes the need for consultation with pain management specialist

## Dentoalveolar and Pre-Prosthetic Surgery

1. Demonstrates expert knowledge of bone healing and complications associated with radiation and anti-resorptive medications
2. Demonstrates expert knowledge of care of patients receiving radiation/chemotherapy

3. Demonstrates advanced knowledge of advanced hemostatic techniques (e.g., transfusion products)
4. Demonstrates expert knowledge of provision of surgical care in patients with complex medical conditions
5. Demonstrates expert knowledge of hard and soft tissue grafting techniques and wound healing
6. Independently formulates treatment plans and performs pre-prosthetic surgeries
7. Manages surgical complications
8. Formulates treatment plans for patients with complex medical issues and collaborates care with other providers
9. Independently performs complex procedures (e.g., vestibuloplasty, gingival grafts)
10. Models and teaches dentoalveolar surgical skills

## Maxillofacial Infection

1. Demonstrates knowledge of the management of the critically ill infection patient
2. Demonstrates knowledge of pathophysiology of sepsis and criteria for extubation of patients with maxillofacial infections
3. Independently manages or coordinates interdisciplinary care of acute airway compromise
4. Independently performs surgery for serious maxillofacial infections
5. Manages the critically ill maxillofacial infection patient (e.g., sepsis, ventilatory support, nutrition)

## Maxillofacial Trauma

1. Demonstrates advanced knowledge of the principles of imaging, treatment sequencing, relative anatomy, and approaches to the facial skeleton
2. Demonstrates advanced knowledge of the management of late sequelae and complications of facial trauma
3. Achieves ATLS certification
4. Independently performs complex procedures
5. Independently formulates a treatment plan for patients with complex injuries, polytrauma, and comorbidities
6. Independently manages complex secondary deformities

## Skeletofacial Deformities and Obstructive Sleep Apnea

1. Demonstrates advanced knowledge of maxillofacial anatomy and its implications for complex surgical treatment
2. Demonstrates advanced knowledge of the role of multidisciplinary treatment of skeletofacial deformities and obstructive sleep apnea
3. Formulates and implements surgical treatment plans for complex skeletofacial deformities
4. Independently manages and performs complex orthognathic procedures
5. Independently manages postoperative complications

## Cleft and Craniofacial Deformities

1. Demonstrates advanced knowledge of maxillofacial anatomy and its implications for complex surgical treatment
2. Models and teaches the rationale of treatment sequencing for cleft/craniofacial deformities
3. Demonstrates advanced knowledge of the role of multidisciplinary treatment of cleft/craniofacial deformities
4. Participates in multidisciplinary treatment planning

5. Formulates and implements surgical treatment plans for craniofacial deformities
6. Independently manages patients and performs surgery for alveolar cleft grafting
7. Independently manages complex postoperative complications

### **Facial Cosmetic Surgery**

1. Demonstrates expert knowledge of the anatomy and principles of complex facial cosmetic procedures
2. Independently performs procedures and management of facial cosmetic procedures

### **Facial Pain and Temporomandibular Disorders**

1. Demonstrates expert knowledge of medical and pharmacological management of chronic facial pain
2. Demonstrates expert knowledge of nonsurgical and surgical management of temporomandibular disorders and facial pain
3. Independently performs arthroplasties in complex cases (e.g., total joint replacement, ankylosis)

### **Pathology**

1. Demonstrates advanced knowledge of the indications for surgical and non-surgical management of benign and malignant disease
2. Demonstrates expert knowledge of the management of complex disease and regional and distant metastases
3. Demonstrates advanced knowledge of complex complications of benign and malignant disease
4. Independently manages patients with benign disease and malignant disease
5. Independently performs excision and reconstruction of benign and malignant disease
6. Manages complex complications
7. Actively participates in a multidisciplinary head and neck cancer team

### **Reconstructive Surgery**

1. Demonstrates advanced knowledge of the management of complex head and neck defects with advanced techniques in hard and soft tissue flaps and grafts
2. Demonstrates knowledge of the classification of nerve injuries
3. Independently formulates complex treatment plans for reconstructive patients with comorbidities and prior treatments
4. Independently performs complex reconstructive procedures
5. Independently manages complex complications
6. Independently performs nerve repair surgery

### **Dental and Craniomaxillofacial Implant Surgery**

1. Demonstrates knowledge of the principles of implant surgery and esthetic principles as they relate to implant surgery
2. Independently performs craniomaxillofacial implant surgery and engages in outcomes-based research
3. Independently manage hard and soft tissue complications and implant failures

### **Quality Improvement**

1. Applies self-assessment and life-long learning behaviors for practice improvement

### **Research and Teaching**

1. Executes a research project
2. Develops and organizes educational activities at the programmatic level

### **Communication with Patients and Families**

1. Capable of negotiating and managing conflict among patients and families
2. Organizes, coordinates and facilitates family/healthcare team conferences

### **Personal and Ethical Behavior**

1. Serves as a role model for ethical behavior
2. Consistently places the interests of patients ahead of self-interests

### **Coordination of Care**

1. Coordinates complex disposition planning (e.g., home healthcare, skilled nursing facility care)

### **Patient Safety**

1. Formally analyzes shared team experiences to prevent future errors using proven analysis techniques (e.g., root cause analysis, failure mode effects analysis)
2. Leads team by promoting situational awareness and input by all team members

### **Polices**

#### **NYU Policies**

University-wide policies can be found on the New York University Policy pages (<https://bulletins.nyu.edu/nyu/policies/>).

#### **College of Dentistry Policies**

A full list of related academic policies can be found on the College of Dentistry Academic Policies page (<https://bulletins.nyu.edu/graduate/dentistry/academic-policies/>).