

DOW UNIVERSITY OF
HEALTH SCIENCES,
KARACHI.



Masters of Surgery - MS

**Department of Postgraduate
Studies**

M.S CARDIOTHORACIC SURGERY

SCHEME OF THE PROGRAMS:

Entry Evaluation	MBBS One year house job Entry examination Interview	
Education event	Phase I one year	<ul style="list-style-type: none"> • Introduction to the program • Research methodology, biostatistics, ethics and communication skills • General Surgery for one year
		<ul style="list-style-type: none"> • Intermediate Examination (MCQ) • Written
	Phase II 4- year	<ul style="list-style-type: none"> • Training of Cardiothoracic Surgery program • Research & Thesis • Rotations as scheduled below • Assignments and assessment (Log book) • Evaluation after every year(MCQ & written)
	Research Thesis evaluation and acceptance	
Exit evaluation	Final Examination <ul style="list-style-type: none"> • Continuous Assessment 20 % • Written Papers } 80 % • Oral and Practical } 	

	3 months	3 months	3 months	3 months	
2 nd Year	Cardiology including intervention	Coronary Critical Care	Cardiothoracic Surgery	Cardiothoracic Surgery <i>Submission synopsis</i>	
3 rd Year	Cardiothoracic Surgery <i>Evaluation synopsis</i>	Cardiothoracic Surgery <i>Research</i>	Cardiothoracic Surgery <i>Research</i>	Cardiothoracic Surgery <i>Research</i>	Assessment 10%
4 th Year	Cardiothoracic Surgery <i>Research</i>	Cardiothoracic Surgery <i>Research</i>	Cardiothoracic Surgery <i>Research</i>	Cardiothoracic Surgery <i>Preparation and submission of thesis</i>	Assessment 10%
5 th Year	Cardiothoracic Surgery <i>Local evaluation</i>	Cardiothoracic Surgery <i>Overseas evaluation</i>	Cardiothoracic Surgery <i>Overseas evaluation</i>	Cardiothoracic Surgery	Final Exam 80 %

M.S NEUROSURGERY

SCHEME OF THE PROGRAM:

Entry Evaluation	MBBS One year house job Entry examination Interview	
Education event	Phase I one year	<ul style="list-style-type: none"> • Introduction to the program • Research methodology, biostatistics, ethics and communication skills • Neurosurgery for six months • General Surgery and rotation for six months • Rotations as given below
		<ul style="list-style-type: none"> • Intermediate Examination (BCQ & SEQ) • Written
	Phase II 4- year	<ul style="list-style-type: none"> • Training of Neurosurgery program • Research & Thesis • Rotations as scheduled below • Assignments and assessment (Log book) • Evaluation after every year(MCQ & written)
	Research Thesis evaluation and acceptance	
Exit evaluation	Final Examination <ul style="list-style-type: none"> • Continuous Assessment 20 % • Written Papers } 80 % • Oral and Practical } 	

	3 months	3 months	3 months	3 months	
2 nd Year	Specialty	Specialty	Neurosurgery	Neurosurgery <i>Submission synopsis</i>	
3 rd Year	Neurosurgery <i>Evaluation synopsis</i>	Neurosurgery <i>Research</i>	Neurosurgery <i>Research</i>	Neurosurgery <i>Research</i>	Assessment 10%
4 th Year	Neurosurgery <i>Research</i>	Neurosurgery <i>Research</i>	Neurosurgery <i>Research</i>	Neurosurgery <i>Preparation and submission of thesis</i>	Assessment 10%
5 th Year	Neurosurgery <i>Local evaluation</i>	Neurosurgery <i>Overseas evaluation</i>	Neurosurgery <i>Overseas evaluation</i>	Neurosurgery	Final Exam 80 %

M.S ORTHOPEDIC SURGERY

SCHEME OF THE PROGRAM:

Entry Evaluation	MBBS One year house job Entry examination Interview	
Education event	Phase I one year	<ul style="list-style-type: none"> • Introduction to the programme • Research methodology and biostatistics • General Surgery for six months • Rotations for six months
		<ul style="list-style-type: none"> • Intermediate Examination (MCQ) • Written
	Phase II 4- year	<ul style="list-style-type: none"> • Training of Orthopedic Surgery program • Research & Thesis • Rotations schedule given below • Assignments and assessment (Log book) • Evaluation after every year(MCQ & written)
	Research Thesis evaluation and acceptance	
Exit evaluation	Final Examination <ul style="list-style-type: none"> • Continuous Assessment 20 % • Written Papers } 80 % • Oral and Practical } 	

	3 months	3 months	3 months	3 months	
2nd Year	<u>Ortho</u>	<u>Physio & Rehab</u>	Ortho	Ortho <i>Submission synopsis</i>	
3rd Year	<u>Ortho</u> <i>Evaluation synopsis</i>	<u>Ortho</u> <i>Research</i>	<u>Spinal Surgery</u> <i>Research</i>	<u>Ortho</u> <i>Research</i>	Assessment 10%
4th Year	<u>Ortho</u> <i>Research</i>	<u>Ortho</u> <i>Research</i>	<u>Ortho</u> <i>Research</i>	<u>Ortho</u> <i>Preparation and submission of thesis</i>	Assessment 10%
5th Year	<u>Ortho</u> <i>Local evaluation</i>	<u>Ortho</u> <i>Overseas evaluation</i>	<u>Ortho</u> <i>Overseas evaluation</i>	<u>Ortho</u>	Final Exam 80 %

M.S PLASTIC SURGERY

SCHEME OF THE PROGRAMMES

Entry Evaluation	MBBS One year house job Entry examination Interview				
Education event	Phase I one year	<ul style="list-style-type: none"> • Introduction to the program • Research methodology, biostatistics, ethics and communication skills • General Surgery for six months • Rotations as given below 			
		<ul style="list-style-type: none"> • Intermediate Examination (MCQ) • Written 			
	Phase II 4- year	<ul style="list-style-type: none"> • Training of Plastic Surgery program • Research & Thesis • Rotations as scheduled below • Assignments and assessment (Log book) • Evaluation after every year(MCQ & written) 			
	Research Thesis evaluation and acceptance				
Exit evaluation	Final Examination <ul style="list-style-type: none"> • Continuous Assessment 20 % • Written Papers } 80 % • Oral and Practical } 				
	3 months	3 months	3 months	3 months	
2 nd Year	Burns	Critical Care	Plastic Surgery	Plastic Surgery <i>Submission synopsis</i>	
3 rd Year	Burns <i>Evaluation synopsis</i>	Plastic Surgery <i>Research</i>	Plastic Surgery <i>Research</i>	Plastic Surgery <i>Research</i>	Assessment 10%
4 th Year	Plastic Surgery <i>Research</i>	Plastic Surgery <i>Research</i>	Plastic Surgery <i>Research</i>	Plastic Surgery <i>Preparation and submission of thesis</i>	Assessment 10%
5 th Year	Plastic Surgery <i>Local evaluation</i>	Plastic Surgery <i>Overseas evaluation</i>	Plastic Surgery <i>Overseas evaluation</i>	Plastic Surgery	Final Exam 80 %

M.S PEDIATRIC SURGERY

SCHEME OF THE PROGRAMMES:

Entry Evaluation	MBBS One year house job Entry examination Interview				
Education event	Phase I one year	<ul style="list-style-type: none"> • Introduction to the program • Research methodology, biostatistics, ethics and communication skills • General Surgery for six months • Rotations as given below 			
		<ul style="list-style-type: none"> • Intermediate Examination (MCQ) • Written 			
	Phase II 4- year	<ul style="list-style-type: none"> • Training of Pediatric Surgery program • Research & Thesis • Rotations as scheduled below • Assignments and assessment (Log book) • Evaluation after every year(MCQ & written) 			
	Research Thesis evaluation and acceptance				
Exit evaluation	Final Examination <ul style="list-style-type: none"> • Continuous Assessment 20 % • Written Papers } 80 % • Oral and Practical } 				
	3 months	3 months	3 months	3 months	
2 nd Year	Rotation	Rotation	Pediatric Surgery	Pediatric Surgery <i>Submission synopsis</i>	
3 rd Year	<i>Evaluation synopsis</i>	Pediatric Surgery <i>Research</i>	Pediatric Surgery <i>Research</i>	Pediatric Surgery <i>Research</i>	Assessment 10%
4 th Year	Pediatric Surgery <i>Research</i>	Pediatric Surgery <i>Research</i>	Pediatric Surgery <i>Research</i>	Pediatric Surgery <i>Preparation and submission of thesis</i>	Assessment 10%
5 th Year	Pediatric Surgery <i>Local evaluation</i>	Pediatric Surgery <i>Overseas evaluation</i>	Pediatric Surgery <i>Overseas evaluation</i>	Pediatric Surgery	Final Exam 80 %