

**MASTER OF SURGICAL SCIENCES (CARDIOTHORACIC)(KKM) - MD777**  
**DURATION OF STUDY: 2 YEARS/ 4 SEMESTERS**  
**(INTAKE : DECEMBER)**

**Synopsis**

The faculty of Medicine UiTM in collaboration with Institut Jantung Negara (IJN) are offering a specialty training programme that is in line with the vision, mission and goal to produce a world class standard of Cardiothoracic Surgeon in order to meet the needs of the nation. The programme is design to cater to the standard set by Malaysian Qualifications Agency (MQA), Malaysian Qualifications Framework (MQF)and Malaysian Medical Council (MMC).

A full-time coursework of 2 years programme. This programme consists of 6 clinical posting which include Cardiothoracic Surgery I & II, Cardiology, Respiratory Medicine, General Surgery and Anaesthesiology & Critical Care. This exposure will prepare the trainee with knowledge, experience and competency to pursue advanced cardiothoracic training which is a Doctorate Cardiothoracic Surgery.

**Entry Requirement**

<b>General</b>
At least 2 years after obtaining a Medical Doctor degree (MD) OR Bachelor of Medicine and Bachelor of Surgery (MBBS) OR Other medical equivalent qualifications from a local or international institute of higher learning recognized by the University Senate and the Government of Malaysia AND <ul style="list-style-type: none"><li>• Full registration with Malaysian Medical Council (MMC)</li><li>• A valid Annual Practicing Certificate (APC)</li><li>• Sat for Physiological Entrance Examination</li><li>• At least two (2) reports from the referees who worked with the student</li><li>• Sat for student intake interview</li><li>• Below the age of 35 years at the time of registration</li><li>• Any other terms and condition set by University Teknologi MARA and Faculty of Medicine Postgraduate Office requirement.</li></ul>

## International

- i. Be registered with the National Medical Council in their country.
- ii. An original copy of the "Good Standing Certificate" and
- iii. Must be able to obtain a Temporary Practicing Certificate (TPC) from Malaysian Medical Council (MMC).

### Fee Structures

#### Local

FEES	TOTAL RINGGIT MALAYSIA (RM)	
	Full-time	Part-time
Fees for semester 1 - 3	RM 5, 474	<b>NOT OFFER FOR PART-TIME</b>
Fees for semester 4	RM 5, 684	
<b>TOTAL ESTIMATION FOR TUITION FEES</b>	<b>RM 22,106</b>	

*\*ESTIMATED FEES\* Subject to change*

*\*Fees for Convocation RM210 will be charged in the final semester*

#### International

FEES	TOTAL RINGGIT MALAYSIA (RM)
Fees for semester 1	RM 8, 294
Fees for semester 2 - 3	RM 8,194/semester
Fees for semester 4	RM 8, 404
<b>TOTAL ESTIMATION FOR TUITION FEES</b>	<b>RM 33, 086</b>

## Programme Structures

FULL-TIME			
YEAR 1		YEAR 2	
Semester 1	Semester 2	Semester 3	Semester 4
<ol style="list-style-type: none"> <li>1. CTS 711 - Basic Science I</li> <li>2. CTS 712 - Basic Surgical Sciences II</li> <li>3. CTS 713 – Clinical Rotation Posting and Professional Development I</li> </ol>	<ol style="list-style-type: none"> <li>1. CTS 721 – Research Methodology</li> <li>2. CTS 722 – Surgical Skills (Basic)</li> <li>3. CTS 723 – Perioperative Care and Management of Thoracic Surgical Patient</li> <li>4. CTS 724 – Perioperative Care and Management of Cardiac Surgical Patient</li> <li>5. CTS 725 – Cardiac Diagnostic Procedures</li> <li>6. CTS 726 – Preparation for Project Paper (Semester 2)</li> <li>7. CTS 727 – Clinical Rotation Posting &amp; Professional Development II</li> </ol>	<ol style="list-style-type: none"> <li>1. CTS 731 – Medical Catheter Based Treatment in Cardiovascular Disease</li> <li>2. CTS 732 – Thoracic Surgery I</li> <li>3. CTS 733 – Cardiac Surgery I</li> <li>4. CTS 734 – Preparation for Project Paper (Semester 3)</li> <li>5. CTS 735 – Clinical Rotation Posting &amp; Professional Development III</li> </ol>	<ol style="list-style-type: none"> <li>1. CTS 741 – Cardiothoracic Surgical Sciences</li> <li>2. CTS 742 – Thoracic Surgery II</li> <li>3. CTS 743 – Cardiac Surgery II</li> <li>4. CTS 744 – Preparation for Project Paper (Semester 4)</li> <li>5. CTS 745 – Clinical Rotation Posting &amp; Professional Development IV</li> <li>6. CTS 747 – Final Master in Surgical Sciences Examination</li> </ol>