Medical Doctorate (M.D.) Degree of Neurosurgery Log Book

"كراسة الأنشطة "

اللازمة لحصول المتدرب على درجة الدكتوراه في جراحة المخ و الاعصاب

طبقا للائحة النقاط المعتمدة 2022-2023

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Name	• • • • • • • • • • • • • • • • • • • •		
Date of birth			
Address Place of work			
Telephones		,	
E-mail	-		
Name of hospital	Period of work	Hospital director signature	
Academic Information			
	// MSc	Universit	
Grade			
Grade of General surgery	•	tionUniversity	
//		University	

* Aim of the activities book

To provide one source of evidence for the assessment committee that you attained the desired level of competency required to gain the award.

In this book you will document all clinical, academic and other experiences and skills you attained during your training.

Sections of the book

For each module / course / rotation

You should fill the following sections:-

1- Clinical case log

- 1- You will first find list with all required cases in the concerned module and the minimum number of cases you must get exposed to and level of participation you should achieve for each type of cases.
- 2- You should record all clinical cases in the module and each case should be signed by you trainer.

2- Clinical case presentation log

Record the cases related to the module that you have presented in a seminar of the activity.

3- Procedures / operations log

- 1- You will find a list for required procedure, diagnostic therapeutic operations and level of desired performance you should achieve at the end of training.
- 2- You will find empty tables to write down the procedure, you level of participation and date and signature of supervisor.

4- Rotation / attendance proof

You should have evidence of achievement the required training hours within each module.

For the whole program fill the following sections.

- 1- Academic activities
 - A- Document all academic activities e.g. lecture, journal clubs, workshops, conference, services attended. This documentation should include the level of participation " attendance, preparation, presentation,....."
- 2- Academic achievements
 - A- Document all outcomes you achieved in the field of:-
 - Audit participation
 - Research "clinical trial" participation.
 - Evidence- based medicine "generation of guidelines" protocols
 -
- 3- Formative assessment log

This document all types of formative assessment attended e.g.:-

- Mini clinical examination
- Quieses

1- Program aims

- **I/1.** -To enable candidates to keep with Satisfactory standards of Neurosurgery patients care by teaching high level of clinical skills, bedside care skills, in addition to update medical knowledge as well as clinical experience and competence in the area of Neurosurgery
- 1/2. To be able to participate in research work and to give the candidate a chance to join an academic job and to teach young neurosurgeons.
- 1/3- To be able to independently operate various neurosurgical operations.
- 1/4. To enable candidates to describe the basic ethical and medicolegal principles relevant to Neurosurgery

5- Program Structure

Program Time Table

- Duration of program up to 4 years (could be extended to 6 years) divided into

• <u>Part 1</u>

- Medical statistics.
- Research methodology
- Medicolegal Aspects and Ethics in Medical Practice and Scientific Research
 Students are allowed to sit the exams of these courses after 6 months from applying to the M D degree.
 - Surgical Neuroanatomy
 - Surgical Neuropathology

Students are allowed to sit the exams of these 2 courses after 1 year from applying to the M D degree.

• Thesis and 2 published researches

For the M D thesis;

MD thesis subject should be officially registered within 1 year from application to the MD degree,

Discussion and acceptance of the thesis should not be set before 24 months from registering the M D subject;

It could be discussed and accepted either before or after passing the second part of examination

• <u>Part 2</u>

Program –related speciality courses and ILOs

NEUROSURGERY COURSE: (8 modules)

- (1) Neurotrauma
- (2) CNS infections
- (3) Developmental anomalies of CNS
- (4) CNS Neoplasms
- (5) Spine
- (6) Vascular Neurosurgery
- (7) Functional Neurosurgery
- (8) Peripheral nerves

Students are not allowed to sit the exams of these courses before 4 years from applying to the MD degree.

First Part

- 1- Course 1 Medical statistics
- 2- Course 2 Research methodology
- **3- Course 3 Medicolegal Aspects and Ethics in Medical Practice and Scientific Research**
- 4- Course 4 Surgical Neuro Anatomy
- 5- Course 5 Surgical Neuro Pathology

Medical statistics

Requirements

• Credit points: 1 credit point

• Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Practical	Percentage of Achieved points
Medical statistics	1 credit point	Pubic Health & Community Medicine			100%
	0.1		Introduction 1 hour	SPSS Introduction 2H	10%
	0.1		Tables and graphics 1 Hour	Data entry and cleaning of data 2H	10%
	0.1		Sampling 1 Hour	Transforming of variables 2H	10%
	0.1		Methodology of data collection 1 Hour	Descriptive statistics 2 H	10%
	0.1		Type of variables 1 Hour	Graphic presentation 2 H	10%
	0.1		Proportion test Chi-square test 1 Hour	Chi square and interpretation of results 2 H	10%
	0.1		Student T test Paired T test 1 Hour	Student, Paired and ANOVA tests 2H	10%
	0.1		ANOVA test 1 Hour	Correlation Regression 2 Hour	10%
	0.1		Non parametric tests 1 Hour	Multiple and logistic Regression 2 H	10%
	0.1		Discrimination analysis factor analysis 1 Hour	Non parametric tests 2 H	10%
			Revision 1 H	Revision 2H	
Student signature			Principle coord	inator signature	Head of the department signature
					signature

Medical Statistics

Lectures and tutorials

Date	Attendance	Topic	Signature

Research Methodology

Requirements

Credit points: 1 credit point

• Minimal rate of attendance 80%

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Research	1	Pubic Health		100%
Methodology	credit	& Community		
	point	Medicine		
	0.15		4 hours	15%
			Introduction & proposal writing	
	0.15		4 hours	15%
			Epidemiological study designs	
	0.15		4 hours	15%
			Screening & theoretical background	
	0.24		6 hours	24%
			Screening practical	
	0.15		4 hours	15%
			Sample size calculation	
	0.08		2 hours	8%
			Research bias	
	0.08		2 hours	8%
			Ethics in research	
	-		2 hours	_
			Revision	
Student signature			Principle coordinator signature	Head of the department signature

Research Methodology

Lectures and tutorials

Date	Attendance	Topic	Signature

Medicolegal Aspects and

Ethics in Medical Practice and Scientific Research

General and special surgery (1st part)

Requirements

• Credit points: 1 credit point

• Minimal rate of attendance 80%

Medicolegal Aspects and Ethics in Medical Practice and Scientific

Name of the course	Credit points	Responsible department	Attendance	Percentage of Achieved points
Medicolegal Aspects and	1 credit point	Forensic Medicine	10 hours	100%
Ethics in Medical Practice and Scientific Research	0.2	and Clinical Toxicology	 2 hours - Death and death certificate. - Suspicious death - Death associated with surgery and anesthesia 	20%
	0.2		2 hours Medical Reports in case of trauma	20%
	0.2		- Wounds - Firearm injuries	20%
	0.2		2 hours Ethics in research.	20%
	0.2		2 hours Ethics in practice.	20%
Student signature			Principle coordinator signature	Head of the department signature

Date	Attendance	Topic	Signature

Surgical Neuropathology

Requirements: Credit points: 3.5

• Attendance of at least 80 % of didactic (lectures or seminar or conference)

Name of the course	Credit points	Responsible department	Attendance or active participation in (Seminar i.e. 5 hours = 1 point)
Surgical Neuropathology	1.5	Neurosurgery	General pathology: Cell Injury, Cell Death Acute and Chronic Inflammation. Tissue Repair: Regeneration, Healing, and Fibrosis Immunity & hypersensitivity. Bacterial infection. Disturbance of growth Pathology of tumors Pathological Details of: Skull lesions CNS Infections Head injury. CNS congenital anomalies. Vascular disorders of the brain and spinal cord.
	1.5		Movement disorders. Peripheral nerve disorders Pathological Details of: Spine disorders & spinal cord compression CNS Tumors.
Student signature			Principle coordinator signature

(Seminars)

Date	Attendance	Topic	Signature

Surgical Neuroanatomy

Requirements: Credit points: 3.5

• Attendance of at least 80 % of didactic (lectures or seminar or conference)

Name of	Credit	Responsible	Attendance or active participation in
the course	points	department	(Seminar i.e.
			5 hours = 1 point)
Surgical	0.5	Neurosurgery	Anatomy of:
Neuro-			Skull
anatomy			vertebral column
			Scalp Meninges
			CSF
	1		Anatomy of:
			Gross anatomy of Brain
			Ventricular system
			Blood supply of CNS Development of CNS
			Gross anatomy of spinal cord
			Segmental innervation, plexuses and
			peripheral nerves
	0.5		Neuroanatomy of:
			Cerebral cortex
			Basal ganglia
			Internal capsule
			Brain stem
			CNS tracts
			Thalamus and hypothalamus
			Autonomic nervous system
			Cranial nerves
	1		Mircosurgical anatomy of brain, spinal cord
			and peripheral nerves
	0.5		Anatomy of:
			Abdominal wall, Peritoneum, Head and neck
Student			Principle coordinator
signature			signature
			20

(Seminars)

Date	Attendance	Topic	Signature



Neurosurgery	% from	Level	Core Credit points		
	total	(Year)	Didactic	training	Total
	Marks				
- Year 1		1		20	20
- Year 2		2	8.25	43	51.25
- Year 3		3	9.75	43	52.75
- Year 4		4	6	17	23
			24	123	147

Requirements

Credit points: 24 credit point for didactic (lectures, seminars, tutorial) and 123 point for training.

- Minimal rate of attendance 80% of training and didactic

NEUROSURGERY COURSE: (8 modules)

- (1) Neurotrauma
- (2) CNS infections
- (3) Developmental anomalies of CNS
- (4) CNS Neoplasms
- (5) Spine
- (6) Vascular Neurosurgery
- (7) Functional Neurosurgery
- (8) Peripheral nerves

Rotation / attendance proof

الأماكن التي تدرب بها

توقيع رئيس القسم	أسم المستشفى التي تدرب بها
	توقيع رئيس القسم

Year 1 (20 credit point for training in neurosurgery department)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurosurgery	10	Neurosurgery	Shifts (1 shift / 2 weeks) for 10 months (15 hours per shift) For total of 300 hours	50%
	4		Out patient clinic (1 clinic / week) for 10 months (3 hours per clinic) for Total of 120 hours	20%
	2		Department rounds (1 round / week) for 10 months (1.5 hour per round) for Total of 60 hours	10%
	4		Operating room attendance (3 hours operating room attendance / week) for 10 months for Total of 120 hours	20%
Student signature			Principle coordinator Signature	Head of the department signature

Operative log

Log of:

Operative type	Number
CNS Tumor cases	10
Spine cases	10
Congenital cases	10
Trauma cases	15
Functional / Vascular cases / Peripheral nerves	0
CNS Infection	10
	55

Year 2

(43 credit point for clinical training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurosurgery	20	Neurosurgery	Shifts (1 shift /week) for 10 months (15 hours per shift) For total of 600 hours	46.5%
	8		Out patient clinic (2 clinic / week) for 10 months (3 hours per clinic) for Total of 240 hours	18.6%
	4		Department rounds (2 rounds / week) for 10 months (1.5 hour per round) for Total of 120 hours	9.3%
	8		Operating room attendance (6 hours operating room attendance / week) for 10 months for Total of 240 hours	18.6%
	3		Formative clinical assessment	7%
Student	Total: 43		Principle coordinator	Head of the
signature			Signature	department
				signature

(8.25 credit points for didactic)

Name of the course	Credit points	Responsible department	Attendance (1 credit point = 10 hours lectures)	Percentage of Achieved points
Neurosurgery course	Total 8.25	Neurosurgery	Year 2	100%
	6 CP		Topics and attendance 60 hour attendance One lecture /week	72.7%
Neurotrauma	1.75		17.5 hours of lectures of Neurotrauma	
CNS infections	1.75		17.5 hours of lectures of CNS infections	
Developmental anomalies of CNS	2.5		25 hours of lectures of Developmental anomalies of CNS	
Conferences and workshops	0.5		Attending 1 conference or workshop (Local in Egypt or International)	6.1%
Seminar	1		Attend 1 seminar / month for 10 months (10 seminars total)	12.2%
Formative assessment	0.75		Formative didactic assessment (MCQ)	9%
Student signature			Principle coordinator Signature	Head of the department signature

Operative log

Log of:

Operative type	Number
CNS Tumor cases	30
Spine cases	30
Congenital cases	30
Trauma cases	35
Functional / Vascular cases / Peripheral nerves	5
CNS Infection	10
	140
	140

Year 3

(9.75 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance (1 credit point = 10 hours lectures)	Percentage of Achieved points
Neurosurgery course	Total 9.75	Neurosurgery	Year 3	100%
	7.5 CP		Topics and attendance 75 hours attendance One lecture /week	76.9%
CNS Neoplasms	3.75		37.5 hours of lectures of CNS neoplasms	
Spine	3.75		37.5 hours of lectures of Spine	
Conferences and workshops	0.5		Attending 1 conference or workshop (Local in Egypt or International)	5.1%
Seminar	1		Attend 1 seminar / month for 10 months (10 seminars total)	10.3%
Formative assessment	0.75		Formative didactic assessment (MCQ)	7.7%
Student signature			Principle coordinator Signature	Head of the department signature

(43 credit point for clinical training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurosurgery	20	Neurosurgery	Shifts (1 shift /week) for 10 months (15 hours per shift) For total of 600 hours	46.5%
	8		Out patient clinic (2 clinic / week) for 10 months (3 hours per clinic) for Total of 240 hours	18.6%
	4		Department rounds (2 rounds / week) for 10 months (1.5 hour per round) for Total of 120 hours	9.3%
	8		Operating room attendance (6 hours operating room attendance / week) for 10 months for Total of 240 hours	18.6%
	3		Formative clinical assessment	7%
Student signature	Total: 43		Principle coordinator Signature	Head of the department signature

Operative log

Log of:

Operative type	Number
CNS Tumor cases	30
Spine cases	30
Congenital cases	30
Trauma cases	35
Functional / Vascular cases / Peripheral nerves	5
CNS Infection	10
	140
	140

Year 4

(6 credit point for didactic)

Name of the course	Credit points	Responsible department	Attendance (1 credit point = 10 hours	Percentage of Achieved
	T	.	lectures)	points
Neurosurgery	Total	Neurosurgery	Year 4 (Topics and	100%
course	6		attendance)	
			60 hour attendance	
			One lecture /week)	
Vascular	2.75	Neurosurgery	27.5 hours of lectures of	
Neurosurgery			Vascular Neurosurgery	
Functional	1.75		17.5 hours of lectures of	
Neurosurgery			Functional Neurosurgery	
Peripheral	1.5		15 hours of lectures of	
nerves			peripheral nerves	
Student			Principle coordinator	Head of the
signature			Signature	department
				signature

(17 credit point for clinical training)

Clinical training	Credit points	Responsible department	Attendance	Percentage of Achieved points
Neurosurgery	7.5	Neurosurgery	Shifts (3 shifts / 2 months) for 10 months (15 hours per shift) For total of 225 hours	44.1%
	4		Out patient clinic (1 clinic / week) for 10 months (3 hours per clinic) for Total of 120 hours	23.5
	2		Department rounds (1 rounds / week) for 10 months (1.5 hour per round) for Total of 60 hours	11.8
	3.5		Operating room attendance (21 hours operating room attendance / 2 months) for 10 months for Total of 105 hours	20.6
Student signature	Total 17		Principle coordinator Signature	Head of the department signature

Operative log

Log of:

Operative type	Number
CNS Tumor cases	10
Spine cases	10
Congenital cases	10
Trauma cases	15
Functional / Vascular cases / Peripheral nerves	10
CNS Infection	10
	65

1-Clinical Rotation, Outpatient clinic, Case log and Night Shift

Clinical Rotation

Duration	Location	Signature of supervisor	Duration	Location	Signature of supervisor
from -to		supervisor	from -to		supervisor
			_		
			-		
			_		
			1		
			-		
			-		
			1		
			-		
			_		
			1		
			-		
			-		

Outpatient clinic

Date/ Duration from -to	Signature of supervisor	Date/ Duration from -to	Signature of supervisor

Outpatient clinic

Date/ Duration from -to	Signature of supervisor	Date/ Duration from -to	Signature of supervisor
	-		•

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

H.N	Diagnosis of case	Level of participation *	Location	Signature of supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

Diagnosis of case	Level of participation *	Location	Signature of supervisor
	Diagnosis of case	participation	participation

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

H.N	Diagnosis of case	Level of participation	Location	Signature of
		*		supervisor

^{*} Level of participation

- A- Plan and carry out
- B- Carry out
- C- Carry out under supervision

Night Shift

Date	Signature supervisor	of Date	Signature of supervisor

Night Shift

Date	Signature of supervisor	Date	Signature of supervisor

Night Shift

Date	Signature of supervisor	Date	Signature of supervisor

2- Clinical Seminars

Requirements: - Attendance of at least 20% of the clinical seminars

Presentation of at least (1) case per year or at least one topic per year.

2-A: Attendance

Attendance	Topic	Signature
	Attendance	Attendance Topic

2-A: Attendance

Date	Attendance	Topic	Signature

2-B: Case presentation /Topic presentation

Date	Topic presentation	Case	Signature
	presentation		

3-Post graduate teaching First: lectures

Date	Title of lecture	Signature of Staff member
		member

3-Post graduate teaching

Second: Tutorial

Date	Title of Tutorial	Signature of Staff member

3-Post graduate teaching

Second: Tutorial

Date	Title of Tutorial	Signature of Staff member
		IIICIIIOCI
	<u>I</u>	

3-Post graduate teaching

Third: Clinical Teaching

Date	Title of Clinical Teaching	Signature of Staff member

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		
	1		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		
	1 7		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Procedure or operation	Level of	Location	Signature
	competency*		

^{*} Level of competency

- A- Independent performance
- B- Performance under supervision
- C- Observed

Postgraduate student's program Rotation in training assessment

* Name:

* Period of training	From:	To
----------------------	-------	----

* Site:

*Rotation

General skills	could not judge (0)	strongly disagree(1)	(2) (3)	(4) (5)	(6)	strongly agree (7)
Demonstrate the competency of continuous evaluation of different types of care provision to patients in the different area of his field.						
Appraise scientific evidence.						
Continuously improve patient care based on constant self-evaluation and life-long learning. Participate in clinical						
audit and research projects.						

General skills	could	strongly				strongly
	not	disagree(1)	(2) (3)	(4) (5)	(6)	agree
	judge					(7)
						(1)
	(0)					
Practice skills of evidence- based Medicine (EBM).						
Educate and evaluate students, residents and other health professionals.						
Design logbooks.						
Design clinical guidelines and standard protocols of management.						
Appraise evidence from scientific studies related to the patients' health problems.						
Apply knowledge of study designs and statistical methods to the appraisal of clinical studies.						
Use information technology to manage information, access on- line medical information; for the						
important topics. Master interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals, including: • Present a case. • Write a consultation note. • Inform patients of a diagnosis and therapeutic plan Completing and maintaining comprehensive. • Timely and legible medical records. • Teamwork skills.						

General skills	could not	strongly		\mathcal{J}		\mathcal{J}		strongly
	judge (0)	disagree(1)	(2)	(3)	(4)	(5)	(6)	agree
	Juage (0)	disagree(1)	(2)	(3)	(4)		(0)	
								(7)
Create and sustain a								
therapeutic and ethically								
sound relationship with								
patients.								
Elicit and provide information								
using effective nonverbal,								
explanatory, questioning, and								
writing skills.								
Work effectively with others as								
a member or leader of a health								
care team or other professional								
group.								
Demonstrate respect,								
compassion, and integrity; a								
responsiveness to the needs of								
patients and society.								
Demonstrate a commitment to								
ethical principles including								
provision or withholding of								
clinical care, confidentiality								
of patient information,								
informed consent, and								
business practices.								
Demonstrate sensitivity and								
responsiveness to patients'								
culture, age, gender, and								
disabilities.								
Work effectively in health care								
delivery settings and systems								
related to specialty including								
good administrative and time								
management.								
Practice cost-effective								
healthcare and resource								
allocation that does not								
compromise quality of care.								

General skills	could not judge (0)	strongly disagree(1)	(2)	(3)	(4)	(5)	(6)	strongly agree
Advocate for quality patient care and assist patients in dealing with system complexities. Design, monitor and								(7)
evaluate specification of under and post graduate courses and programs. Act as a chair man for scientific meetings								

Elective courses

The student choose two courses 3 credit point for them

- Advanced medical statistics.
- Evidence based medicine.
- Advanced infection control.
- Quality assurance of medical education.
- Quality assurance of clinical practice.
- -Hospital management

Elective Course 1

Requirements

Credit points: 1.5 credit point.

Minimal rate of attendance 80% of lectures and 80% of training

Date	Attendance	Topic	Signature

Name of the elective course: -----

Elective Course Practical skills

Date	Attendance	Topic	Signature

Elective Course 2

Requirements

Credit points: 1.5 credit point.

Minimal rate of attendance 80% of lectures and 80% of training

Date	Attendance	Topic	Signatu
		•	

Name of the elective course: -----

Elective Course Practical skills

Date	Attendance	Topic	Signature

Academic activities Lecture, journal club, conference, workshop

Activity	Your role **	Date	Signature of
			supervisor

** Your role:-

A- Attendance

B- Organization

C- Presentation

Formative assessment

Exam	Score	*Degree	Date	Signature

*Degree

A- Excellent

B- Very good C- Good

D- Pass

الرسائل العلمية

		<u>ة</u> —: يزي:	عنوان الرسال عرب
		ـون : ــــــــــــــــــــــــــــــــــــ	المشر فــــــــــــــــــــــــــــــــــــ
	:	ــة / / ـــــــــــــــــــــــــــــــ	تاريخ القيد لدرج تاريخ التسجيل المو
	:		المتابعة الدوريـــــ
توقيع المشرفين	المتبقي	ما تم انجازه من بروتوكول البحث	التاريخ

توقيع المشرفين	المتبقي	ما تم انجازه من بروتوكول البحث	التاريخ

Declaration

Course Structure Mirror	Responsible	Signature	Date
	(Course)		
	Coordinator		
	Name:		
First Part			
-Course 1			
-Course 2			
-Course 3			
Course 4			
Course 5			
Second Part			
Course 6			
- Elective Course (s) Certificate			
(s) Dates:			
- M. D. Thesis Acceptance Date:			
- Fulfillment of required contact			
Credit points prior to final			
examination			
M.D. Degree Principle			
Coordinator:			
Date approved by			
Department Council:			

، يعتمد رئيس القسم

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