

Licence appliquée en Anesthésie Réanimation, Ecole Supérieure des Sciences et Techniques de la Santé de Tunis

Program Director: TAHAR MESTIRI

Professor of Anesthesiology and Critical care, Abderrahmane MAMI Hospital Ariana, Teaching in Faculty of Medicine AL MANAR University TUNIS -TUNISIA

INITIAL RECOGNITION: May 2013

RENEWAL: June 2018

Recognition valid until: June 2023

After applying for renewal of level 2 Recognition the program was evaluated following the renewal process described in the International Federation of Nurse Anesthetists ANESTHESIA PROGRAM APPROVAL PROCESS (APAP): OPERATIONAL POLICIES AND PROCEDURES (pg7-8).

A current curriculum was presented to actualize the information about the program. Student and faculty evaluations were carried out and evaluated in March 2018. Following the review of all information, renewal of Recognition was granted based on the program's meeting eligibility requirements, ability to comply with the IFNA Education Standards, and attempts to continually improve.

Curriculum Overview

Degree / Diploma / Certificate awarded: **Applied Bachelor in Anesthesia & Intensive Care**

**REPUBLIC
OF TUNISIA**



**Ministry of Higher Education for
Scientific Research and Technology**

**GENERAL DIRECTION OF
UNIVERSITY RENOVATION**

REFORME LMD

FIELD OF TRAINING: MEDICINE, PHARMACY, HEALTH SCIENCE AND VETERINARY MEDICINE

**CURRICULUM FOR APPLIED BACHELOR
ANESTHESIA AND INTENSIVE CARE**

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Applied bachelor anesthesia & Intensive care 1st SEMESTER

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks)					credits		Coefficient		Nature of exam	
				C	TD	Practice	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 11	ANATOMY and PHYSIOLOGY 1*	F	ANATOMY 1*	30				72	2	5	1	2,5		X
			PHYSIOLOGY 1*	30	12		3		1,5					
LAAR / 12	BIOLOGY SCIENCES	F	CELLS BIOLOGY	12			54	1	4	0,5	2		X	
			BIOCHEMISTRY	15	6			1		0,5				
			MICROBIOLOGY	21				2		1				
LAAR / 13	IMMUNOLOGY, HEMATOLOGY & PHARMACOLOGY 1	F	IMMUNOLOGY	12	3		46,5	1	4	0,5	2		X	
			HEMATOLOGY	9		1,5		1		0,5				
			PHARMACOLOGY	21				2		1				
LAAR / 14	TECHNIQUES of HEALTH CARE FOR ADULTS / DEONTOLOGY / PROFESSIONAL HAZARDS	F	TECHNIQUES of HEALTH CARE FOR ADULTS 1 *	99	9	42	168	6	7	3	3,5		X	
			DEONTOLOGY ,ETHICS/ PROFESSIONAL HAZARDS	18				1		0,5				
LAAR / 15	TRAINING / PRACTICAL HEALTH CARE FOR ADULTS	F	STAGES 1 * and PRACTICAL CARE GENERAL IN SURGERY ADULT 1 *				100	100	5	5	2	2		X
LAAR / 16	ENGLISH, COMMUNICATION TECHNIQUES / PSYCHOLOGY	T	ENGLISH	15	6		87	2	5	1	2,5	X		
			SOCIAL PSYCHOLOGY	15				1		0,5				
			COMMUNICATION TECHNIQUES	15		6		1		0,5				
			C2I 1	15		15		1		0,5				
			Total	327	36	64,5	100	527,5	30	30	14.5	14.5		

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Applied bachelor anesthesia & Intensive care -- SEMESTER 2

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks)					credits		Coefficient		Nature of exam	
				C	TD	TP	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 21	ANATOMY PHYSIOLOGY 2*	F	ANATOMY 2*	30				66	2	4	1	2		X
			PHYSIOLOGY 2*	24	12		2		1					
LAAR / 22	BIOLOGY SCIENCES PHARMACOLOGY 1	F	BIOLOGY CLINIQUE	15				51	1	4	0,5	2		X
			HISTOLOGY	15			1		0,5					
			PHARMACOLOGY SPECIALISED	21			2		1					
LAAR / 23	SEMILOGIE MEDICO- SURGICAL *	F	SEMIOLOGY MEDICO- SURGICAL	45				45	4	4	2	2		X
LAAR / 24	TECHNIQUES FOR ADULT HEALTHCARE 2* 2* BASIC LIFE SUPPORT	F	TECHNIQUES FOR ADULT HEALTHCARE	30	6	15		51	4	6	2	3		X
			HYGIENE BSIV LIFE SUPPORT	15		30		45	2		1			
LAAR / 25	PRACTICAL TECHNIQUES FOR ADULT HEALTHCARE 2*	F	TRAINING 2 * & PRACTICAL TECHNIQUES FOR ADULT HEALTHCARE				250	250	7	7	3	3		X
LAAR / 26	LANGUAGE, COMMUNICATION PSYCHOLOGY	T	ENGLISH 2	15	6			75	2	5	1	2,5	X	
			TECHNIQUES of COMMUNICATION	15			1		0,5					
			PSYCHOLOGY OF DEVELOPMENT	15			1		0,5					
			C2I 2	9		15	1		0,5					
	Total			249	24	60	250	583	30	30	14.5	14.5		

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Applied bachelor anesthesia & Intensive care -- SEMESTER 3

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks)					credits		Coefficient		Nature of exam	
				C	TD	TP	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 31	PATHOLOGY 1*	F	MEDICAL PATHOLOGY	30				51	2	4	1	2		X
			SURGICAL PATHOLOGY	21					2		1			
LAAR / 32	BIOMEDICAL SCIENCES 1*	F	APPLIED PHYSIOLOGY	30				60	2	4	1	2		X
			PHARMACOLOGY SPECIALITY 2*	30					2		1			
LAAR / 33	ANESTHESIA & INTENSIVE CARE	F	GENERAL ANESTHESIA	36				72	3	6	1,5	3		X
			INTENSIVE CARE	36					3		1,5			
LAAR / 34	TECHNIQUES for ANESTHESIA & INTENSIVE CARE	F	ANESTHESIA & INTENSIVE CARE	30	9	21		85,5	4	6	2	3		X
	LEGAL ISSUES IN MEDECINE					25.5					2			
LAAR / 35	PRACTICAL TRAINING TECHNIQUES for ANESTHESIA & INTENSIVE CARE	F	PRACTICAL TRAINING TECHNIQUES for ANESTHESIA & INTENSIVE CARE				270	270	6	6	2	2		X
LAAR / 36	HOSPITAL HYGIENE ENGLISH	T	ENGLISH	15	6			42	2	4	1	2	X	
			HOSPITAL HYGIENE	21					2		1			
TOTAL				274.5	15	21	270	580.5	30	30	14	14		

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Applied bachelor anesthesia & Intensive care -- SEMESTER 4

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks)					credits		Coefficient		Nature of exam	
				C	TD	TP	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 41	PATHOLOGY 2*	F	MEDICAL PATHOLOGY 2 *	21				51	2	5	1	2,5		X
			GERIATRICS	9			1		0,5					
			SURGICAL PATHOLOGY 2*	21			2		2					
LAAR / 42	BIOMEDICAL SCIENCES 2*	F	PHYSIOLOGY APPLIED 2 *	30				60	2	4	1	2		X
			SPECIAL PHARMACOLOGY 3 *	30			2		1					
LAAR / 43	ANESTHESIA REANIMATION 2	F	GENERAL ANESTHESIA 2*	30				60	2	4	1	2		X
			REANIMATION 2 *	30			2		1					
LAAR / 44	TECHNIQUES for ANESTHESIA & INTENSIVE CARE	F	TECHNIQUES for ANESTHESIA & INTENSIVE CARE 2 *	21	15	15		51	4	4	2	2		X
LAAR / 45	STAGES 4* TRAINING ANESTHESIA & INTENSIVE CARE 2*	F	PRACTICAL TRAINING TECHNICS for ANESTHESIA & INTENSIVE CARE				320	320	9	9	3.5	3.5		X
LAAR / 46	INTRODUCTION TO RESEARCH 1	T	ENGLISH 4	15	6			60	2	4	1	2	X	
			EPIDEMIOLOGY 1 BIostatISTICS 1	12	9		1		0,5					
			RESEARCH Methods	18			1		0,5					
TOTAL				237	30	15	320	602	30	30	14	14		

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Applied bachelor anesthesia & Intensive care -- SEMESTER 5

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks))					Credits		Coefficient		Nature of exam	
				C	TD	TP	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 51	PATIENT – SPECIFIC ANESTHESIA	F	PATIENT – SPECIFIC ANESTHESIA *	51				51	5	5	2,5	2,5		X
LAAR / 52	ANESTHESIA SPECIALIES	F	ANESTHESIA FOR DIFFERENT TYPES OF SUREGERY 1*	42				42	4	4	2	2		X
LAAR / 53	REANIMATION 3*	F	REANIMATION *	51				51	5	5	2,5	2,5		X
LAAR / 54	TECHNIQUES ANESTHESIA & INTENSIVE CARE 3*	F	TECHNIQUES for ANESTHESIA & INTENSIVE CARE 3*		60			60	4	4	2	2		X
LAAR / 55	STAGES 5* et ANESTHESIA PRACITCE REANIMATION 3*	F	STAGES 5* ANESTHESIA & INTENSIVE CARE PRACITCE 2*				320	320	8	8	3	3		X
LAAR / 56	RESEARCH 2	T	ENGLISH 5	15	6			60	2	4	1	2	X	
			BIostatISTICS 2	12	9		1		0,5					
			RESEARCH METHODS 2	18			1		0,5					
	TOTAL			186	75		320	584	30	30	14	14		

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Licence appliquée en anesthésie réanimation - Semestre 6

Code	Teaching unit (TU)	Nature of TU	Constituent element of TU(CETU)	Number of hours per semester (14 weeks)					credits		Coefficient		Nature of exam	
				C	TD	TP	Others	Total	ECUE	UE	ECUE	UE	Continued	Mixed
LAAR / 61	ANESTHESIA SPECIALITIES 2 *	F	ANESTHESIA FOR DIFFERENT TYPES OF SURGERY 2 *	42				42	4	4	2	2		X
LAAR / 62	TECHNIQUES ANESTHESIA & INTENSIVE CARE 4*	F	TECHNIQUES ANESTHESIA & INTENSIVE CARE 4*		42			42	4	4	2	2		X
LAAR / 63	STAGES6 TRAINING ANESTHESIA & INTENSIVE CARE 2*	F	STAGES 6* TRAINING ANESTHESIA & INTENSIVE CARE 2 *				360	360	12	12	5	5		X
LAAR / 64	GRADUATION PROJECT *(PFE)	F	PFE *				150	150	6	6	2	2		X
LAAR/ 65A	PAIN MANAGEMENT 1 STRESS & CONFLICTS MANAGEMENT	O	PAIN MANAGEMENT	12	6			36	2	4	0.5	1	X	
			STRESS & CONFLICTS MANAGEMENT	12	6		2		0.5					
LAAR / 65B	HOSPITAL SERVICES MANAGEMENT & MANAGEMENT AND LEADERSHIP	O	HOSPITAL SERVICES MANAGEMENT	12	6			36	2	4	0.5	1	X	
			MANAGEMENT 1 LEADERSHIP	12	6		2		0.5					
LAAR / 65C	PEDAGOGY FOR HEALTH SCIENCES & HEALTH CARE QUALITY	O	PEDAGOGY FOR HEALTH SCIENCES	15	3			36	2	4	0.5	1	X	
			HEALTH CARE QUALITY	12	6		2		0.5					

APPLIED BACHELOR ANESTHESIA & INTENSIVE CARE

Total hours: 3507

Classroom hours: 1737, 49.50 %

Total of (TU): 28/ 6 semesters

Practice hours: 1770, 50.50 %

Total of (TU)Practice and hospital internship : 6

	Classroom fundamental teaching units: UT(crédits)	Theory – practice transfer - teaching unit UT(crédits)	Optional topics unit (crédits)	Practice
S1	20	5	-	5
S2	18	5	-	7
S3	20	4	-	6
S4	17	4	-	9
S5	18	4	-	8
S6	08	-	4	18
Total	105	18	4	53
Total		180 crédits		