

# Minimum Standard Associate Degree in Midwifery (ADM) Curriculum (3-Year)

## 1- Course Objective

To prepare midwifery students with the knowledge, skills and attitudes that will enable them to function effectively as a midwife in contributing to decrease maternal and peri-natal mortality and morbidity in Cambodia.

## 2- Learning Outcomes

Graduates from this program will:

- Apply the knowledge of policies and procedural guidelines that have legal implications for practice.
- Apply the midwifery process with emphasis on critical thinking, therapeutic midwifery inventions, and effective interpersonal communication skills as they relate for success in midwifery profession
- Apply of ethical, legal, economic, and political concepts, showing a positive attitude and respect for people regardless of economic status, customs and beliefs
- Demonstrate ability to coordinate comprehensive and high quality care to patients, families and the communities in line with the standards of midwifery practice for safe motherhood.
- Use the primary health care approach to help meet basic health needs in the community through participation by the community.
- Be responsible for continuing personal and professional development with an awareness of changing health trends
- Demonstrate ability to assume leadership and consultative role within the health team
- Participate in community activities that contribute to improvement of reproductive health status

## 3- Course Requirements

- The students can leave with school permission for 15% of Semester hours or 10% on leave without school permission, **but they are not allowed to leave the whole single credit hours** (theory and practice hours)
- The students can leave only 15% of Semester hours with or without school permission
- They have to attend at least 85% or 90% **and** fulfill at least 70 % of Semester clinical requirements before allowing sitting the exam of related Semester. The remain 30% of clinical requirements will be completed during their internship in the 6<sup>th</sup> Semester or upon arrangement of the school
- If attendance is within 50-84% of Semester hours **or** 50-89% or fulfilling of clinical requirement is within 50-69%, they are allowed only to sit the 2<sup>nd</sup> session exam at the end of each semester
- **If attendance is less than 50% of Semester hours or fulfilling of clinical requirement is less than 50%, they have to repeat class**



#### 4-Admission Requirements

In principle, applicant shall fulfill the following criteria:

- Females aged under 26 years old
- Have High school diploma
- Be in a good health

**Note:**

Number of intakes to the ADM Program is limited based on MoH health workforce projection and capacity of production of each training institution

#### 5- Validity and transfer of Credits

- Student could fulfill their ADM credits in 5-year period
- Before transferring to another school student must fulfill credits of:
  - First year requirement or
  - Each year program

The transfer should be based on the agreement set by both sides.

#### 6- Curriculum structure (See annex 1)

#### 7- ADM Program Total Credits Hours

Term	Theory (T)		Class Practice	Practice (P)		Field study Internship (*)		Total by Term	
	Cr	Hr	Hr	Cr	Hr	Cr	Hr	Cr	Hr
I	36	548	91	4	180			40	819
II	30	463	95	6	270	2*	180	36+2*	1008
III	18	275	100	7	315	8*	720	25+8*	1410
<b>Total</b>	<b>84</b>	<b>1286</b>	<b>286</b>	<b>17</b>	<b>765</b>	<b>10*</b>	<b>900</b>	<b>100+10*</b>	<b>3237</b>

**Note:**

- ADM Program Total Credits = 111 Credits (Included \*Credits)
- ADM Program Total Hours = 3237 hours (Included \*Credits)
  - Theory = 1286 Hr = 39.70%
  - Practice = 1951 Hr = 60.30%



#### 8- Clinical Requirements for ADM Midwife Students

No	Nursing Procedures						# Requirement	
		S2	S3	S4	S5	Observe	Perform	
	Fundamental nursing I, II, III							
1	Sterile gloving	X					10	
2	Measuring body temperature	X					20	
3	Assessing radial pulse	X					20	
4	Assessing respirations	X					20	
5	Assessing arterial blood pressure	X					20	



6	Administering intra dermal injections		X				10
7	Administering subcutaneous injections		X				10
8	Administering intramuscular injections		X				10
9	Initiating intravenous therapy		X				10
10	Performing oro-pharyngeal suctioning		X				5
11	Applying nasal cannula or oxygen mask		X				5
12	Intubating the patient with a naso gastric feeding tube		X				5
13	Inserting an indwelling catheter		X				5
<b>Midwifery Procedures</b>		<b>S2</b>	<b>S3</b>	<b>S4</b>	<b>S5</b>	<b># Requirement</b>	
						Observe	Perform
<b>I</b>	<b>At Health Center</b>						
14	Consultation of Ante-natal care			X			40
15	Filling on mother health card			X			40
16	Birth spacing service (Counseling)			X			05
17	Mother Health Education			X			40
18	Immunization for child and mother			X			40
19	Filling on child and mother immunization-card			X			40
<b>II</b>	<b>At delivery ward</b>						
20	Filling on Partograph				X		20
21	Normal delivery (Primipara and multipara)				X		20
22	Repairing perineum				X		05
23	Abnormal delivery				X	5	
24	Post-natal care				X		15
25	Education on breastfeeding, nutrition, BS, risk sign of the new born, STDs/AIDS...				X		15
<b>III</b>	<b>At Newborn ward</b>						
26	Newborn resuscitation				X	02	
27	Baby bathing				X	10	
28	Care of normal baby				X	10	
29	Care of premature baby				X	02	
<b>IV</b>	<b>At ICU/Post-operative Unit</b>						
30	Pre-operative care to woman				X	02	
31	Post-operative care to woman				X	02	
32	Wound dressing				X	02	
33	Emergency care to women with obstetric and gynecological problems				X	02	
<b>Total = 33 Procedures</b>							
<b>V</b>	<b>Outreach Activity at the community</b>						
	In addition to the above mentioned clinical requirements students have to go to community for outreach activity in semester IV focusing on health education for one month which equals to 2 credits gained from that requirement.				X		



## 9- Course assessment

The Three Year Course of Midwifery Training Program (Associate Degree in Midwifery - ADM) shall be assessed on a basis of continuous assessment. Students will be informed on assessment schedule, assessment process and conditions for successful completion credits of each semester at the commencement of the course. Students will not be graduated unless they pass successfully the school graduation exam by completing all credits (theory and clinical practice). They receive **Certificate of Graduation** issued by Training Institution. Graduates are required to pass the National Exit Exam in order to receive their **Diploma of Associate Degree in Midwifery**.

### A- Purpose of the course assessment

- To provide feedback to the student and the teacher as to how learning is progressing that assists the students to determine their strengths and weaknesses (Formative assessment)
- To measure competence in both knowledge and skills of students at the end of the course (Summative assessment)

### B- Assessment process

#### 1. Formative assessment

##### a - Theory Assessment

The Theory Assessment is the continuous assessment to be conducted during the course and occurred at the end of each semester:

- Theory exam is credit-based assessment
- The ADM Course has 6 semesters which consist of 6 months per semester
- Theory assessment will be done at the end of the first and second semester of each year program
- The students who failed any credit of the two semesters are allowed to re-sit the 2<sup>nd</sup> session exam at the end of the 2<sup>nd</sup> semester.
- **If still failed of the 2<sup>nd</sup> session exam, they have to repeat the class**

##### b - Clinical Performance Assessment

The clinical performance assessment will be conducted from the 2<sup>nd</sup> semester based on clinical requirements stipulated in the curriculum:

- Students shall have their Clinical Logbook for preceptor to monitoring, evaluating, and recording their skill performance progress
- Clinical instructors and Preceptors will use clinical checklists to evaluate the competency of midwifery students
- Assessment during the Internship, in the 6th semester, is aimed to allow the students to complete remaining clinical requirement in which they could not fulfill in the previous semesters and to provide more opportunity to students for other midwifery skill practices.

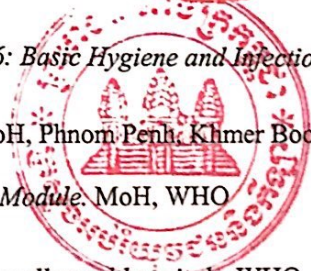
#### 2. Summative assessment or graduation exam

- It is the exam of **theory and clinical performance** at the end of the course
- Students have to complete clinical requirements and pass all theory credits before allowing sitting the first graduation exam. **If requirements could not be completed, they have to sit the second graduation exam**
- Students who do not pass the first graduation exam will be allowed to re-sit the second exam **two months** after the first exam (theory and/or clinical performance they failed)
- The graduation exam will be conducted by each training institution **under the supervision of relevant authorities.**



## 10- References

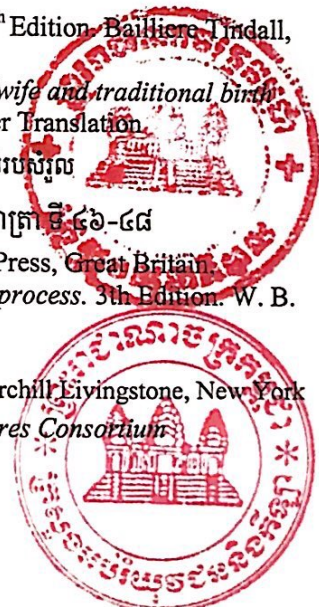
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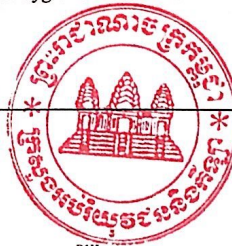
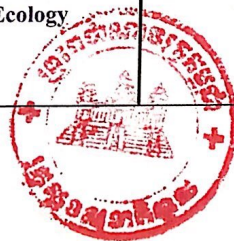




ASSOCIATE DEGREE IN MIDWIFERY CURRICULUM STRUCTURE & ORGANIZATION

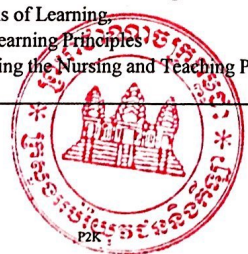
Annex 1

Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester							
							Year I		Year II		Year III			
							1	2	3	4	5	6		
	Behavior Science	Sociology	Macro sociological Foundation Individual Social Institution Changing Society Community and urban life Groups and Organization Medical Sociology and Health	75	5	5	X							
				15	1									
		Psychology and Health Behavior	Self-concept Loss and Grief Unconscious motivation and defense mechanism Dying and Death Nursing Management	15	1		X							
		Life Span Development	Concept of Growth and development Promoting Health from Conception through older	30	2		X							
				15	1									
		15	1	X										
		Human Ecology	Influencing factors affecting on health Importance of hygien environment	15	1		X							





Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester					
							Year I		Year II		Year III	
							1	2	3	4	5	6
General Field	Social Science	Nutrition & Health	Nutrition and Metabolism	114	7	7	X					
			Diets standard	33	2							
			- Infant feeding - Infant health	15	1							
		Philosophy and Khmer Culture	Human being	33	2							
			Concepts of Health, Wellness, and Well-being	15	1							
			Nursing Nursing Education Civic Khmer Society and culture.	18	1							
	Humanity and Art	Communication & Pedagogy	Woman and health	48	3	X						
			Woman health issues	15	1							
			Demography Beliefs and traditional practice Adulthood health Social support system	15	1							
		Communication & Pedagogy	Pedagogy	48	3							
			Purposes for Client Education Teaching and Learning	15	1							
			Type and Method of Teaching & Learning Domains of Learning Basic Learning Principles Integrating the Nursing and Teaching Processes	15	1							





Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester					
							Year I		Year II		Year III	
							1	2	3	4	5	6
		Communication & Pedagogy	Library use Working as team Record and report Teaching at community	15	1							
			Communication Communication and its barriers Problems solving approach in obstetric care Counselling Methodology	18	1		X					
	Foreign Language	English and French Medical Term	English Prefix and Suffix related to medical terminology	30	2	2	X					
			French Prefix and Suffix related to medical terminology	15	1							
	Nursing Concept	Human Ethics	Value Nursing ethics Advocacy Clients'Rights- Providers'Rights and Duties	60	4	4	X					
				15	1							
Law & Nursing Practice		Medico Legal Aspect of Nursing Professional Development	30	2			X					
		Woman and child rights Reproductive health and rights Ethics in midwifery	15	1								

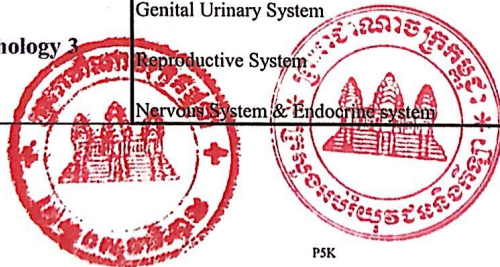




Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester							
							Year I		Year II		Year III			
							1	2	3	4	5	6		
	Nursing Concept	Law & Nursing Practice	Abortion laws						X					
			Safe motherhood policy											
			Breastfeeding policy											
			Child friendly hospital											
			Birth spacing policy											
			National policy and strategies on prevention-control of HIV/AIDS											
			Fundamental Nursing theory	Midwifery Process	15	1			X					
		Natural Science 1	Anatomy and Physiology 1	Anatomy & Physiology	138	9	9							
	Cells & Tissues, Fluid & Electrolytes,			45	3									
	Muscular Skeletal System			15	1			X						
			Hematological System	15	1									
Anatomy and Physiology 2	Anatomy & Physiology		Respiratory System & Digestive System 1	45	3									
			Digestive System 2 & Cardiovascular System	15	1				X					
			Eyes & ENT	15	1									
Anatomy and Physiology 3	Anatomy and Physiology		Nervous System & Endocrine System	48	3									
		Genital Urinary System & Reproductive System	18	1					X					
		Reproductive system related to Pregnancy	15	1										

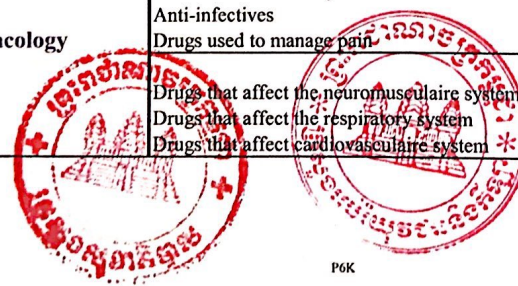


Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester						
							Year I		Year II		Year III		
							1	2	3	4	5	6	
Fundamental Nursing Science	Natural Science 2	Microbiology	Microbiology: Human Perspective	30	2	2							
			Cell Structure										
				Control of Microbial Growth									
				Classification and Identification of Prokaryotes									
				Diversify of Prokaryotic Organisms									
				Eukaryotic Members of the Microbial World									
				Host – Microbe Interactions									
				Viruses									
		Fundamental Science 1	Human Pathology 1	Fluid & Electrolytes	135	9	9						
					45	3							
				15	1								
				Muscular Skeletal System	15	1							
				Hematological System	15	1							
			Human Pathology 2	Respiratory System	45	3							
					15	1							
					15	1							
				Digestive System	15	1							
				Cardiovascular System	15	1							
		Human Pathology 3	Genital Urinary System	45	3								
				15	1								
				15	1								
			Reproductive System	15	1								
			Nervous System & Endocrine system	15	1								





Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester						
							Year I		Year II		Year III		
							1	2	3	4	5	6	
	Fundamental Science 2	Immune System	Host Immune Mechanism	105	7	7							
			Immunity Development Mechanisms	30	2								
		Communicable Diseases	Communicable Diseases	15	1								
			Sexual Transmissible Diseases	15	1								
			Pathology of STD and AIDS	15	1							X	
			STD and AIDS Syndrome management Supporting and caring HIV and AIDS patients Counselling pre and post HIV blood test Prevention of mother to child transmission (PMTCT)										
	Parasitology and Parasite Diseases	Parasitology	30	2									
		Parasite Diseases	15	1						X			
	Pharmacology		Pharmacology	Nurse's Perspective of Pharmacology	45	3	3						
				Nutrition and electrolytes Anti-infectives Drugs used to manage pain	15	1							X
Drugs that affect the neuromusculaire system Drugs that affect the respiratory system Drugs that affect cardiovascular system				15	1							X	



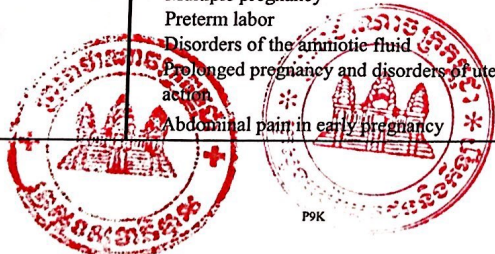




Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester					
							Year I		Year II		Year III	
							1	2	3	4	5	6
Professional Field	Clinical Nursing Science	Adult nursing	<ul style="list-style-type: none"> <li>• Nursing of Patient with Reproductive Health Problems</li> </ul>	45/16	2	2						
			<ul style="list-style-type: none"> <li>• Nursing of Patient with Renal and Urinary Health Problems</li> <li>• Nursing of Patient with Digestive Health Problems</li> <li>• Nursing of Patient with Respiratory Health Problems</li> <li>• Nursing of Patient with Circulatory Health Problems</li> <li>• Initiating Blood Therapy</li> </ul>	15	1				X			
	Mental Health	<ul style="list-style-type: none"> <li>Overview of mental health</li> <li>Assessment patients with mental health problem</li> <li>Behavior related to the mental health</li> <li>Issues related to loss and violence</li> <li>Mental Health in other context</li> <li>Promote the mental health and support</li> <li>- Mental Health Management</li> </ul>	30	2	2			X				
Professional Field	Anesthetic Nursing	Operative Nursing	<ul style="list-style-type: none"> <li>• Operative Nursing</li> </ul>	45/14	2	2						
			<ul style="list-style-type: none"> <li>- Pre operative Nursing</li> <li>- Peri operative Nursing</li> <li>- Post operative Nursing</li> </ul>	30/14	1							

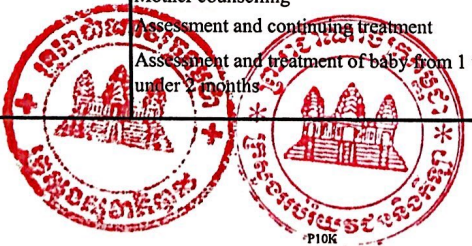


Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester						
							Year I		Year II		Year III		
							1	2	3	4	5	6	
	Operative and Disa	Emergency and First Aid	Overview of Emergency principle and emergency care priority Measure for emergency care priority Emergency care related to violence Emergency care for meNtal health patients Emergency care for over dosage of drug use	15	1				X				
	Maternal Care	Maternal care 1	Trend in Delivery of Maternal and Child Health Care Indicator of mother infant and child Diagnosis of pregnancy Physical change during pregnancy Socio-Psychological change during pregnancy <b>Complications of Pregnancy :</b> Hyperemesis Gravidarum Chronic diseases during pregnancy Complication of infection during pregnancy Vaginal bleeding in early pregnancy Vaginal bleeding in later pregnancy and labor High blood pressure management Anemia management Loss of fetal movements Multiple pregnancy Preterm labor Disorders of the amniotic fluid Prolonged pregnancy and disorders of uterine acti Abdominal pain in early pregnancy	105/25 45 15	6 3 1	6				X			
				30	2				X				





Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester										
							Year I		Year II		Year III						
							1	2	3	4	5	6					
	Maternal Care	Maternal care 2	<b>Complications of Labor and Birth :</b> Malposition & Malpresentation Shoulder dystocia Labor with an overdistended uterus Fetal distress in labor Prelabor rupture of membrane Fever during pregnancy and labor	60/25	3												
			<b>Complications of Postpartum :</b> Shock Managing puerperal sepsis Fever after childbirth	15	1												
			<b>Applying Recognition and referral of complications</b> related to pregnancy and delivery	30/25	1												X
	Pediatric Care	IMCI	Notion of IMCI Assessment and classification of child from 2 months to 5 years Identification of treatment of child from 2 months to 5 years Treatment of child from 2 months to 5 years Mother counselling Assessment and continuing treatment Assessment and treatment of baby from 1 week to under 2 months	45/12	2	2											
				30/12	1											X	







Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester					
							Year I		Year II		Year III	
							1	2	3	4	5	6
	Maternal and Newborn Care	Ante Natal Care	ANC Management	90/34	3	3						
			Identification of risk factors	30/10	1					X		
			Helping women to cope with pregnancy change									
			Maternal nutrition									
			Antenatal exercises									
			Mother education									
	Post Natal Care	Routine postpartum care	30/14	1								
		Postpartum health education										
		Pre and post obstetric operation care								X		
Newborn care	Postpartum Infections and Complications											
	Post Abortion care (Induced & Spontaneous)											
	Physiological changes at birth	30/10	1							X		
Midwifery Management	Leadership and Management	Care of the newborn baby at birth										
		Newborn resuscitation										
		Managing Newborn Problems										
		Roles of midwives	45	3	3							
		Work with healthcare team	15	1								
		Cultural impact on health and sickness										
		Sociocultural and socioscience										
		Health care system										
		Planning & Budgeting	15	1								
Human resources Planning												
Human resources Framing												
Human resources management												
Leadership	15	1										
Motivation												
Conflict management												
Health care structure analysis												



Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester					
							Year I		Year II		Year III	
							1	2	3	4	5	6
Practice	Public Health	Health promotion and health education	Health Education	75/25	3	3						
			Health promotion in community Woman and child health education	30/15	1							
		Community Mother and Child Health Promotion	Home delivery Immunization Birth spacing method BS Counselling BS service management Using IEC Male participation	30/10	1					X		
		Fundamental of Epidemiology	Fundamental of Epidemiology	15	1						X	
	Nursing	Fundamental Nursing 1		90	2	8		X				
		Fundamental Nursing 2		90	2			X				
		Fundamental Nursing 3		90	2				X			
		Adult nursing		90	2				X			
	Midwifery	Midwifery Practice at HC / Community	Outreach Service: Mother and infant health care at the community	180	2*	9 + 2*				X		
			ANC, BS, and STDs	90	2					X		
Midwifery Practice at Health Facilities		Delivery	270	6						X		
		PNC									X	
Internship		Newborn Resuscitation/ICU	45	1						X		
			720	8*	8*					X		



Field	Chap	Topic	Subject/Lesson Title/Content	Hs	Cre	Total Credit	Semester								
							Year I		Year II		Year III				
							1	2	3	4	5	6			
<b>Theory</b>				1286	84										
<b>Classroom Practice</b>				286											
<b>Clinical Practice</b>				765		17									
<b>Community Practice</b>				180		2									
<b>Internship</b>				720		8									
<b>Total Practice</b>				1951											
<b>TOTAL</b>				3237		111									



ADM Curriculum  
Curriculum Structure

P14K

MoH/HRD Department  
August, 2008

## 1st Year of ADM Program

TOPICS	THEORY			PRACTICE	
	Credit	Class Hours	Class Practice Hours	Credit	Practice Hours
<b>1- Behaviour Science</b>	<b>5</b>	<b>75</b>			
Sociology	1	15			
Psychology and Health behaviour	1	15			
Life span development	2	30			
Human ecology	1	15			
<b>2- Humanity and Arts</b>	<b>7</b>	<b>114</b>			
Nutrition and health	2	33			
Philosophy and Khmer culture	2	33			
Communication and pedagogy	3	48			
<b>3- Concept of nursing</b>	<b>2</b>	<b>30</b>			
Human ethics	1	15			
Fundamental nursing theory	1	15			
<b>4-Natural Science 1</b>	<b>6</b>	<b>90</b>			
Anatomy and Physiology 1	3	45			
Anatomy and Physiology 2	3	45			
<b>5- Natural Science 2</b>	<b>2</b>	<b>30</b>			
Microbiology	2	30			
<b>6-Fundamental Science 1</b>	<b>6</b>	<b>90</b>			
Human Pathology 1	3	45			
Human Pathology 2	3	45			
<b>7- Foreign languages</b>	<b>2</b>	<b>30</b>			
English and French Medical Term	2	30			
<b>8- Clinical Nursing Foundation</b>	<b>6</b>	<b>89</b>	<b>91</b>	<b>4</b>	<b>180</b>
Fundamental Nursing Methodology 1	3	46	44	2	90
Fundamental Nursing Methodology 2	3	43	47	2	90
<b>TOTAL</b>	<b>36</b>	<b>548</b>	<b>91</b>	<b>4</b>	<b>180</b>

**Total: 40 Credits      819 Hours**

. Theory                      548 H  
 . Class Practice        91 H  
 . Practice                    180 H



## 2nd Year of ADM Program

TOPICS	THEORY			PRACTICE	
	Credit	Class Hours	Class Practice	Credit	Practice Hours
<b>1- Concept of nursing</b>	2	30			
Law and nursing practice	2	30			
<b>2- Natural Science 1</b>	3	48			
Anatomy and Physiology 3	3	48			
<b>3- Fundamental Science 1</b>	3	45			
Human Pathology 3	3	45			
<b>4- Fundamental Science 2</b>	7	105			
Immune system	2	30			
Communicable Diseases	3	45			
Parasitology and parasite diseases	2	30			
<b>5- Clinical nursing foundation</b>	3	45	30	2	90
Fundamental Nursing Methodology 3	3	45	30	2	90
<b>6- Adult nursing</b>	2	29	16	2	90
Adult Nursing	2	29	16	2	90
<b>7- Mental Health</b>	2	30			
Mental Health	2	30			
<b>8- Operative and Disasters Nursing</b>	2	31	14		
Operative Nursing	1	16	14		
Emergency and First Aid	1	15			
<b>9- Maternal Care</b>	3	45			
Maternal Care 1	3	45			
<b>10- Maternal and Newborn Care</b>	1	20	10	2	90
Antenatal Care	1	20	10	2	90
<b>11- Public Health</b>	2	35	25	2	180
Health promotion and Health Education	1	15	15		
Community Mother & Child Health Promotion	1	20	10	2*	180
<b>TOTAL</b>	<b>30</b>	<b>463</b>	<b>95</b>	<b>8</b>	<b>450</b>

**Total: 38 Credits      1008 Hours**

. Theory                      463 H  
 . Class Practice          95 H  
 . Practice                    450H

### 3rd Year of ADM Program

TOPICS	THEORY			PRACTICE	
	Credit	Class Hours	Class Practice Hours	Credit	Practice Hours
<b>1- Pharmacology</b> Pharmacology	3 3	45 45			
<b>2- Maternal Care</b> Maternal Care 2	3 3	35 35	25 25		
<b>3- Pediatric Care</b> IMCI Breastfeeding	2 1 1	33 18 15	12 12		
<b>4- Midwifery Skills</b> Delivery Skills	4 4	66 66	39 39	6 6	270 270
<b>5- Maternal and Newborn Care</b> Postnatal Care Newborn Care	2 1 1	36 16 20	24 14 10	1 1	45 45
<b>6- Midwifery Management</b> Leadership & Management	3 3	45 45			
<b>7- Public Health</b> Fundamental of Epidemiology	1 1	15 15			
<b>8- Internship</b>				8 8	720 720
<b>TOTAL</b>	<b>18</b>	<b>275</b>	<b>100</b>	<b>15</b>	<b>1035</b>

**Total: 33 Credits      1410 Hours**

- . Theory                    275 H
- . Class Practice        100 H
- . Practice                315 H
- . Internship              720 H





### ADM Program Total Credits Hour

Year	Theory (T)		Class Practice	Practice (P)		Field study Internship (*)		Total by Year	
	Cr	Hr	Hr	Cr	Hr	Cr	Hr	Cr	Hr
I	36	548	91	4	180			40	819
II	30	463	95	6	270	2*	180	36+2*	1008
III	18	275	100	7	315	8*	720	25+8*	1410
<b>Total</b>	<b>84</b>	<b>1286</b>	<b>286</b>	<b>17</b>	<b>765</b>	<b>10*</b>	<b>900</b>	<b>101+10*</b>	<b>3237</b>

Note:

- ADM Program Total Credits = 111 Credits (\*Credits included)
- ADM Program Total Hours = 3237 hours (\*Credits Included)
- Theory = 1286 Hr = 39.70 %
- Practice = 1951 Hr = 60.30 %



## Minimum Equipment Standard for ADM Program (3-Year)

No.	Items designation	Ratio	Amount /course	Remark
<b>Beds and Accessories</b>				
1	Delivery Bed			
2	Oxygen cylinder		2	
3	Wheel support for oxygen cylinder		2	
4	Manometer and humidity system for O2		2	
5	Trolley cart / Dressing cart	1:10		
6	Adjust Scale with hight measurement		5	
7	Baby scale with meter		2	
8	Placenta scale		2	
<b>Models and Wall chart</b>				
9	Wall chart related to pregnancy		1	
10	Wall chart Female breast		1	
11	Renal and Urinary system model		1	
12	Female Pelvis model		1	
13	Pregnant uterus model		1	
14	Resuscitation baby model	1:10		
15	Baby delivery model with short umbilical cord	1:10		
16	Delivery model with baby, placenta, umbilical cord	1:10		
17	Baby bath model	1:10		
<b>Machines</b>				
18	Suction machine			
19	Doppler			
<b>Materials</b>				
20	Ambu-bag (Bag-Valve-Mask= BVM) for baby	1:10		
21	Pressure Sterilizer			
22	Gauze drum	1:05		



23	Rectangular box for sterilization	1:05		
24	Drum for sterilization	1:05		
25	Forceps (all kinds & sizes)	4/kind	60	
26	Forceps stand big and small	1:10		
27	Forceps intermediaire	1:10		
28	Forceps dressing, spring-type 15.5cm	1:10		
29	Speculum (different sizes)	5/size	15	
30	Scissors (all kinds & sizes)	1:10		
31	Stetoscope	1:10		
32	Sphygmomanometer	1:10		
33	Tray (big, medium & small)	05/kind	15	
34	Basin (big, medium & small)	05/kind	15	
35	Thermometer	1:10		
36	Mucous Aspiration	1:10		
37	Jar 1 liter (for vulva irrigation)	1:04		
38	Bed pan, adult size, stainless steel	1:04		
39	Plastic apron for midwife	1:04		
40	Boots		4	
41	Glasses			
<b>Kits for Midwifery procedures</b>				
42	ANC kits			
43	Clean vulva kits		5	
44	Delivery Kits		5	
45	Baby bathing kits		5	
46	Resuscitation Baby kits		5	
47	Dressing Kits		5	
48	Emergency Kits (Mother)		6	

