

# FACULTY OF MEDICINE – TANTA UNIVERSITY

*MEDICINE & SURGERY  
BACHELOR PROGRAM  
CREDIT POINTS*

**(MSBP-CB)**



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## About college

### Introduction

The Faculty of Medicine, Tanta University, was established by the Republican Decree No. 1468 in 1962 as a faculty of the University of Alexandria. The study began in 1962-1963 and was separated from the University of Alexandria in 1972. The College currently relies on a large infrastructure of classrooms, laboratories, museums and libraries and About 1500 beds in University hospital. The faculty includes approximately 1,500 members and about 750 members of the assistant staff with a high degree of scientific and professional preparation. Each year, the College receives more than 1,000 Egyptian students and hundreds of international students from all over the world. Since its adoption by the National Authority for Quality Assurance and Accreditation in 2014, Tanta Faculty of Medicine has been keen to support and develop the educational process in order to facilitate teaching and learning, modern assessment methods and ensure the quality of the outputs of the educational process, as well as presenting the new program as an advanced model that achieves the current and future global orientations of the Bachelor of Medicine and Surgery program.

### College Vision

To be recognized as a prominent medical school in the field of medical education and scientific research based on societal needs in Egypt and the Middle East and to play an effective role in providing and improving health care at the local, regional and international levels.

### College Mission

- Graduation of a competent doctor with the necessary knowledge and skills and scientifically qualified to deal with the health problems of patients effectively and efficiently with due regard to ethics.
- Conducting innovative medical research that meets the needs of the community and develops the medical service.
- Providing continuous and distinct medical care to members of the community in accordance with quality standards.

# Integrated Program

## Key features of the program

The program of the Baccalaureate degree in Tanta Faculty of Medicine of is an integrated program that is taught in five years according to credit points system (the decision of the Council of Ministers to change Article 154 of the Executive Regulations of the Law of Organizing Universities) with the degree of integration between the basic medical and clinical sciences exceeding 5<sup>th</sup> level in Harden's levels that are in accordance with the NARS National Academic Quality Assurance Benchmark (NARS) in its current version of 2017, It is based on a medical-based learning system as a global approach to providing High quality education and continuous performance evaluation for graduate students who are fully aware of personal, scientific and life skills and are capable of providing excellent medical services inside or outside Egypt.

## Integrated Program Message:

Preparing a distinguished graduate locally, regionally and internationally, qualified to provide high quality health care and acquire early professional skills while increasing his ability to self-study, leadership, engaging in scientific research and application and sustainable professional development within the framework of professional ethics.

## Educational Objectives of the Integrated Program:

- Prepare students to apply modern medical information and use it to solve the clinical problems of patients.
- Development of communication, intellectual, clinical and leadership skills.
- Integration of different branches of medicine to prepare an efficient doctor.
- Giving students the freedom to choose different courses.
- To encourage students to continue medical education and apply scientific research methodology.
- Follow the basic rules of ethics of the profession.

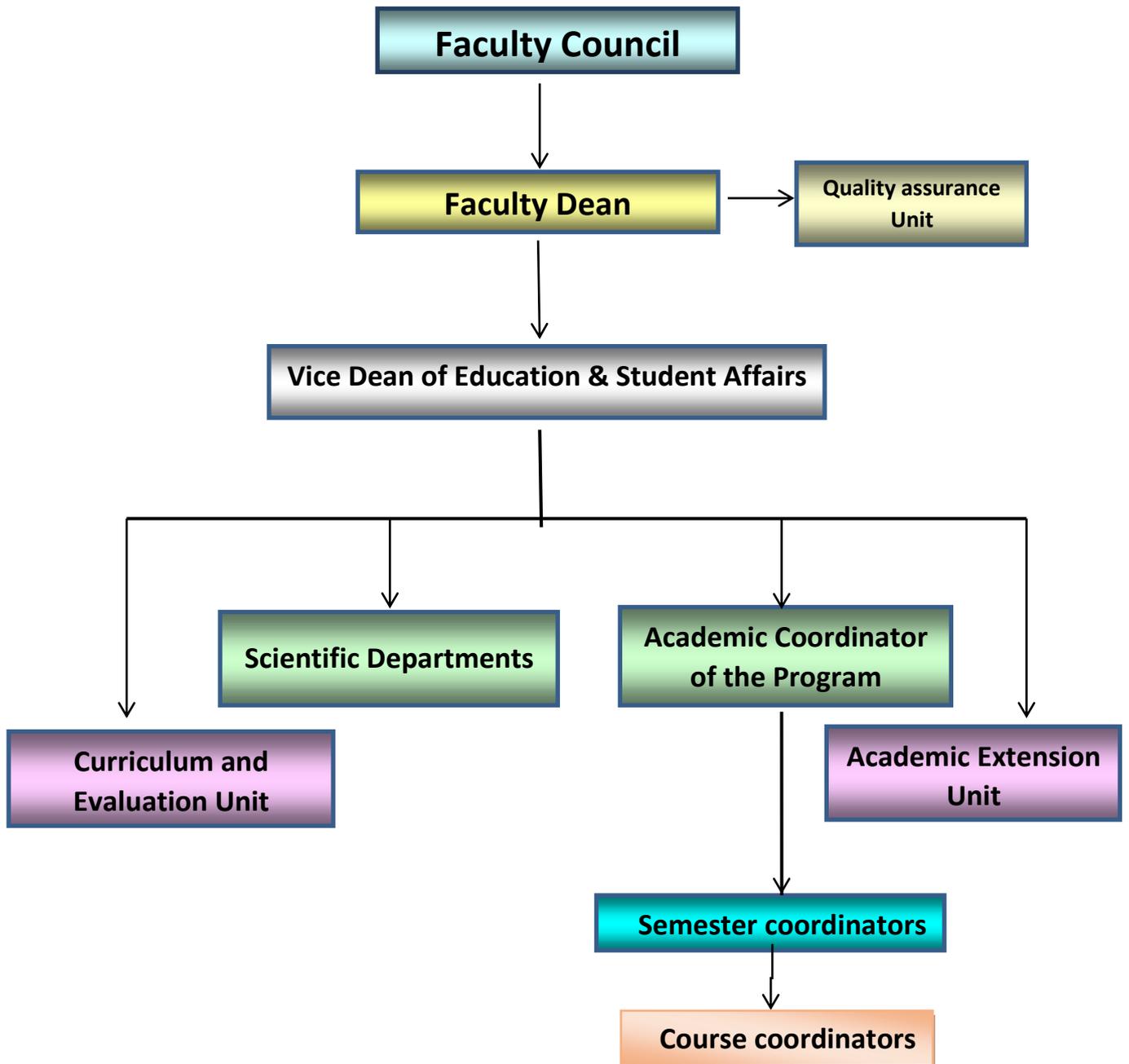
## Characteristics of the program

- Application of modern medical methods with the points system approved.
- The study plan includes compulsory and elective courses with 282 credits (94%) for compulsory courses and 18 credits for elective courses (6%).
- Elective courses include medical courses as well as languages and humanities that are closely related to the college and used by the graduate in his / her career.
- The program is characterized by giving attention to problem-based learning philosophy (PBL).
- The program includes a mix of individual courses and integrated modules to achieve coordination and integration between basic and clinical medical sciences through the system of vertical, horizontal and spiral integration.
- Use active learning strategies such as interactive and other teaching methods with student academic supervision and continuous evaluation of performance.
- Development of self-directed learning and scientific research to prepare students able to follow the latest developments in the medical field.
- Using the e-learning system and distance learning.
- The program is characterized by the existence of modern courses according to the global developments in the field of medical education such as:
  - o Communication skills
  - o Ethics and ethics of the profession
  - o The course "Medical Informatics"
  - o Methods of scientific research and its applications
  - o Risk management
  - o Medical professional settings
  - o Epidemiology
  - o Medical Statistics
  - o Directory-based medicine
  - o Medical communication, consultations and medical interviews
- The program is concerned with early contacting the patients with interest in clinical training, follow-up and continuous evaluation.

## Program Definitions

1. **The academic year:** two main semesters.
2. **Semester:** The semester ranges from 16 to 18 weeks including exams.
3. **Summer Semester:** consists of eight weeks and shall be equivalent to special fees determined by the College Council.
4. **Study Plan:** A set of compulsory and elective courses, consisting of the total number of units required for graduation, which must be successfully passed by the student to obtain a degree.
5. **Academic level:** This is the study stage according to the approved study plans.
6. **Module:** A study subject within the approved study plan in each specialization, Each course has a number, a code, a name and a detailed description of its vocabulary, which distinguishes it in terms of content and level from the other courses and a special file maintained by the department for the purpose of monitoring, evaluation and development.
7. **Study Unit:** A 50-minute theoretical lecture or clinical lesson to study and field training.
8. **Study load:** The total number of courses that students are allowed to enroll in a class. The maximum and minimum academic load is determined according to the executive rules of the regulation.
9. **Program Requirements:** Mandatory courses for a specific number of credits approved by all students.
10. **Elective Courses:** A set of courses from which the student chooses to achieve a required number of units of study approved for elective courses of the course and the number of units of study 6 units.

## Program administrative structure



## General Program Schedule

### 1. Main obligatory Courses

Course Code	Course Name
<b>Semester 1</b>	
<b>ANAT 1101</b>	Principles of Anatomy
HIST 1102	Principles of Histology & Cells biology
PHYS 1103	Principles of Physiology
BIO 1104	Principles of Biochemistry
PPC 11105	Physician Patient Communication 1
ECS 1106	Early Clinical Skills
ENG 1107	Basic English
<b>Semester 2</b>	
<b>PATH 1201</b>	Principles of Pathology
PARA 1202	Principles of Parasitology
PHAR 1203	Principles of Pharmacology
MICR 1204	Principles of Microbiology
IHD 1205	Infection and Host Defense
PRO1 1206	Professionalism 1
<b>Semester 3</b>	
<b>FM 2101</b>	Forensic Medicine
CT 2102	Clinical Toxicology
CVS1 2103	Cardiovascular System 1
NEU1 2104	Neuroscience 1
BEH 2105	Behavioral Sciences
RM1 2106	Research Methodology 1
<b>Semester 4</b>	
<b>END1 &amp; REP1 2201</b>	Endocrinology 1 & Reproductive
NM 2202	Nutrition & Metabolism
SS 2203	Special Senses 1
URIN 2204	Urinary System
MG 2205	Medical Genetics

## Main obligatory Courses, cont

<b>Semester 5</b>	
<b>LOC 3101</b>	Locomotor System 1
RESP1 3102	Respiratory System 1
HEM1 3103	Hematology 1
GIT1 3104	Gastrointestinal System 1
PPC2 3105	Physician Patient Communication 2
<b>Semester 6</b>	
<b>SS2 3201</b>	Special Senses 2 (ENT)
SS3 3202	Special Senses 3 (Ophthalmology)
CM 3203	Community Medicine
ME 3204	Medical Ethics
MI 3205	Medical Informatics
RM2 3206	Research Methodology 2
PS 3207	Patient Safety
<b>Semester 7</b>	
<b>Med1 4101</b>	Medicine 1
Med2 4102	Medicine 2
<b>Semester 8</b>	
<b>PED 4201</b>	Pediatrics
CEB 4202	Clinical Epidemiology and Biostatistics
FM 4203	Family Medicine
EBM 4204	Evidence Based Medicine
<b>Semester 9</b>	
<b>SUR1 5101</b>	Surgery 1
EMER 5102	Emergency Medicine
PRO2 5103	Professionalism 2
RP 5104	Research Project
<b>Semester 10</b>	
<b>SUR2 5201</b>	Surgery 2
OBGYN 5202	Obstetric and Gynecology

## 2. Elective Courses

- College offers 4 sets of optional courses
- The student selects six elective courses throughout the five levels of a list approved by the College Council before the start of the study. Each course has three approved points, one of which is free of non-medical courses at the first academic level, as well as five other electives from the groups available during the study. Shown in the detailed table from within the same set of elective courses

Course Code	Course Name	Credit point
<b>ELC 1</b>	<b>Select one course of free courses</b>	<b>3</b>
<b>ELC 2</b>	<b>Select one course of basic medical sciences</b>	<b>3</b>
<b>ELC 3</b>	<b>Select two courses medical sciences</b>	<b>3</b>
<b>ELC 4</b>		<b>3</b>
<b>ELC 5</b>	<b>Select two courses surgical sciences</b>	<b>3</b>
<b>ELC 6</b>		<b>3</b>

## 3. The human rights course

- The human rights course is a university requirement for graduation
- To be studied in the first academic year and does not hold exams for the work of the year
- The student successfully passes the human rights subject when he/she obtains 50% or more in the written test
- Failing in human rights does not impede moving to the higher band, and the student takes the exam every year to succeed

### course weights in credit points & marks:

Course code	Credit Point	% of Continuous assessment	% of Written Midterm (Ultrashort)	% of Practical/Clinical	% of Written Final (MCQs)
ANAT 1101	7	30	10	30	30
HIST 1102	5	30	10	30	30
PHYS 1103	5	30	10	30	30
BIO 1104	5	30	10	30	30
PPCI 1105	2	60	-	20	20
ECS 1106	3	60	-	20	20
ENG 1107	3	30	10	30	30
PATH 1201	6	30	10	30	30
PARA1202	5	30	10	30	30
PHAR 1203	5	30	10	30	30
MICR 1204	5	30	10	30	30
IHD 1205	3	30	10	30	30
PRO1 1206	3	60	-	20	20
FORN 2101	5	30	10	30	30
CT 2102	4	30	10	30	30
CVS 2103	5	30	10	30	30
NS1 2104	7	30	10	30	30
BS 2105	3	30	10	30	30
RM 1 2106	3	30	10	30	30
END1 &REP 2201	10	30	10	30	30
NM 2202	5	30	10	30	30
SS 1 2203	5	30	10	30	30
URIN 2204	5	30	10	30	30
MG 2205	5	30	10	30	30
LOC 3105	9	30	10	30	30
RESP 1 3102	5	30	10	30	30
HEM 1 3103	5	30	10	30	30
GIT 1 3104	6	30	10	30	30
PS 3105	3	30	10	30	30
PPC2 3106	2	60	-	20	20
SS 2 3201	4	30	10	30	30
SS 3 3202	5	30	10	30	30
CM 3203	6	30	10	30	30
MI 3204	3	60	-	20	20
ME 3205	2	30	10	30	30
RM 2 3206	3	30	10	30	30
MED 1 4101	16	30	10	30	30
MED 2 4102	16	30	10	30	30
PED 4201	12	30	10	30	30
CEB 4202	4	30	10	30	30
FM 4203	6	30	10	30	30
EBM 4304	3	30	10	30	30
ELC	3	60	-	20	20
SUR 1 5101	16	30	10	30	30
EMER 5102	8	30	10	30	30
PRO 2 5103	3	60	-	20	20
RP 5104	4	40	20	40	-
SUR 2 5201	15	30	10	30	30
OBGYN 5202	12	30	10	30	30

## Estimating Courses

### A. Calendar by calculation method:

1. The student's performance in the courses will be evaluated by calculating the grades and percentages for each course and for each semester and year in the usual way.

### B. The calendar calculates the averages:

1. The degree obtained by the student shall be converted into an estimate in letters, which shall be equal to a number of points of five as follows:

Percentage of students' grades	Rating in English	Rating weight (5)
95-100	A +	5
90 - to less than 95	A	4.75
85 - to less than 90	B +	4.5
80 - to less than 85	B	4
75 - to less than 80	C +	3.5
70 - to less than 75	C	3
65 to Less than 70	D +	2.5
60. Less than 65	D	2
Less than 60	F	0

### Numerical and symbolic indications in assessing special cases

التقدير بالحرف	اسمى التقدير
W(ع)	Withdrawn
WM (ع)	Withdrawn Military
DN (ع)	Denial
WF	Withdrawn Forced
P	Pass
F (ف)	Fail
IC (J)	Incomplete
IP	In Progress
F	Absent

## **Semester average and cumulative average**

a. The average is a criterion or weight that measures the level of the student during his studies in the college and constitutes the most important criteria on which he is based

To it in judging the student's academic performance, and the higher this rate, the more this indicates performance and achievement

Good for the student and vice versa.

NS. The student's average consists of a number between one and five

NS. The student has two types of grades:

a. Semester average, which is the student's average for one semester, such as the average for the first semester or the average

Second semester or summer

b. The cumulative average, which is an average of the sum of all the semesters that the student has studied in the college is

## Graduation Estimates

- A. The average is a standard or weight that measures the level of the student during his / her study in the college. The most important criteria for judging the student's performance are academic and the higher the rate, the higher the student's performance and achievement, and vice versa.
- B. The student rate consists of a number between 1 and 5
- C. The student has two types of rates:
  - a. Quarterly rate is the student rate for one semester, such as the first semester, second semester, or summer semester
  - b. The GPA is the average of the total of all the classes studied by the student in the college, which is the most important and primary rate of the student

### Calculate the quarterly average after the end of any semester (GPA Semester)

- D. First, the points of each course = the number of points approved for the course multiplied by the points received by the student as the grade of the course.
- E. Second: The quarterly average = The sum of the total number of points obtained by the student in the courses of this semester divided by the total points approved for these courses
- F. Calculation of GPA after the end of a number of classes or Cumulative GP
- G. The cumulative average is the sum of the total number of points obtained by the student in all the courses he has studied since joining the college on the total points for those courses of success or Rusuba. The number of points of appreciation code

## Graduation Estimates

Graduation Symbol	Points
A	4.75-5.0
B+	4.5-less than 4.75
B	4.0-less than 4.5
C+	3.5-less than 4.0
C	3.0-less than 3.5
D+	2.5-less than 3.0
D	2.0-less than 2.5
F	0.0

a. The general estimate of the cumulative average at the graduation of the student based on his / her cumulative average is as follows:

1. Excellent: if the cumulative average is not less than 4.50 than 5.00
2. Very good: if the cumulative average of 3.75 to less than 4.50 of 5.00
3. Good: If the cumulative average of 2.75 to less than 3.75 of 5.00
4. Acceptable: If the GPA is 2.00 to less than 2.75 of 5.00.

## Honors

- a. An honorary degree is awarded to a student who obtains a cumulative average of 4.0 or more at graduation provided that he or she has failed in any course of study during or outside the college, and at least a grade of 4.0 in any classroom.

# Curriculum Map

## Level one – Semester One

Course code	Course name			Total marks
	Name	Weeks	Credit points	
ANA 1101	Principles of Anatomy	4	7	140
HIST 1102	Principles of Histology & Cell Biology	4	5	100
PHYS 1103	Principles of Physiology	4	5	100
BIO 1104	Principles of Biochemistry	4	5	100
PPC 1 1105	Physician Patient Communication 1	16	2	40
ECS 1106	Early Clinical Skills		3	60
ENG 1107	Basic English		3	60
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

## Level one – Semester Two

Course code	Course name			Total marks
	Name	Weeks	Credit points	
PATH 1201	Principles of Pathology	4	6	120
PARA 1202	Principles of Parasitology	4	5	100
PHAR 1203	Principles of Pharmacology	4	5	100
MIC 1204	Principles of Microbiology	4	5	100
IHD 1205	Infection & Host defense		3	60
PRO1 1206	Professionalism 1	Cont.	3	60
ELC 1	Elective 1 (NM)	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

**Level two – Semester Three**  
**(Pass level one and two are prerequisite)**

Course code	Course name			Total marks
	Name	Weeks	Credit points	
FORN 2101	Forensic Medicine	3	5	100
CT 2102	Clinical Toxicology	2	4	80
CVS1 2103	Cardiovascular system 1	3	5	100
NEU1 2104	Neuroscience 1	4	7	140
BEH 2105	Behavioral sciences	2	3	60
RM1 2105	Research Methodology 1	2	3	60
ELC 2	Elective 2	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

**Level two – Semester Four**

Course code	Course name			Total marks
	Name	Weeks	Credit points	
End1&REP1 2201	Endocrinology1 & Reproductive	5	10	200
NM 2202	Nutrition & Metabolism	3	5	100
SS 2203	Special sense	3	5	100
URIN 2204	Urinary system	3	5	100
MG 2205	Medical Genetics	2	5	100
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

### Level three – Semester Five

Course code	Course name			Total marks
	Name	Weeks	Credit points	
LOC 3101	Locomotor system1	4	9	180
RESP 3102	Respiratory system1	4	5	100
HEM1 3103	Hematology 1	4	5	100
GIT1 3104	Gastrointestinal tracts 1	4	6	120
PPC2 3105	Physician Patient Communication 2	Cont.	2	40
ELC 3	Elective 3	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

### Level three – Semester Six

**(Pass level three, four and five are prerequisite)**

Course code	Course name			Total marks
	Name	Weeks	Credit points	
SS2 3201	Special Senses 2 (ENT)	2	4	80
SS3 3202	Special Senses 3 (Ophthalmology)	3	5	100
CM 3203	Community medicine	3	6	120
ME 3304	Medical Ethics	2	2	40
MI 3305	Medical Informatics	2	3	60
RM 3306	Research Methodology2	2	3	60
PS 3307	Patient Safety	2	3	60
ELC 4	Elective 4	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>29</b>	<b>580</b>

## Level four – Semester Seven

Course code	Course name			Total marks
	Name	Weeks	Credit points	
MED1 4101	Medicine 1	9	16	320
MED2 4102	Medicine 2	7	16	320
<b>Total</b>		<b>16</b>	<b>32</b>	<b>640</b>

## Level four – Semester Eight

Course code	Course name			Total marks
	Name	Weeks	Credit points	
Ped 4201	Pediatrics	8	12	240
CEB 4202	Clinical Epidemiology & Biostatistics	2	4	80
FM 4203	Family Medicine	4	6	120
EBM 4204	Evidence Based Medicine	2	3	60
ELC 5	Elective 5	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>28</b>	<b>560</b>

### Level five – Semester Nine

Course code	Course name			Total marks
	Name	Weeks	Credit points	
SUR1 5101	Surgery 1	8	16	320
EMER 5102	Emergency Medicine	4	8	160
PRO2 5103	Professionalism 2	2	3	60
RP 5104	Research Project	2	4	80
<b>Total</b>		<b>16</b>	<b>31</b>	<b>620</b>

### Level five – Semester Ten

Course code	Course name			Total marks
	Name	Weeks	Credit points	
SUR2 5201	Surgery 2	10	15	300
OBGYN 5202	Obstetrics and Gynecology	6	12	240
ELC 6	Elective 6	Cont.	3	60
<b>Total</b>		<b>16</b>	<b>30</b>	<b>600</b>

## Study fees

- The student becomes enrolled in the college after paying the prescribed tuition fees.

- In case the student does not pay the tuition fees, the student's results will be withheld and he is not allowed to register for the course of higher level until the due fees are paid.

- In case of any unpaid tuition fees when the student enters the final exam qualifying for a degree Bachelor's degree, The results of the student are withheld and the bachelor's degree is issued only after paying the full fees owed.

- In case of registration for the summer semester, registration fees will be added, determined by the College Council, according to the teaching load, the number of points approved for each course before the beginning of the academic year, provided that it is announced to students at the beginning of the year, The college council considers this value every two academic years.