

Draft Internal Bylaw of Bachelor's Stage

Amended according to Accredited Hours System to Gain the Bachelor's Degree in Agricultural Sciences “The General Division” 2016

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General Framework for Developing Academic Programs of Bachelor's Stage in Agricultural Sciences

Faculty of Agriculture at Tanta University with its distinctive role is considered a source for agricultural education and scientific research in Egypt, Middle East and Africa through successive generations of graduates and professors. Our institution was established in 1965 according to the internal bylaw of Faculty of Agriculture at Kafr El-Sheikh in the general division. Then, the ministerial decree No. 44 was made on January 8, 1978 regarding issuance of an internal bylaw of the Faculty and the decrees amending it for gaining the Bachelor's degree in Agricultural Sciences (the general division only).

The Faculty enjoys an intensive educational activity at the bachelor's stage that offers to community successive generations of youth who are empowered with science, knowledge and distinguished ability of research, in addition to outstanding research activity conducted by professors of the Faculty through their experiments and studies. They present their effort to take part in development of the Egyptian agricultural system. Moreover, there is a group of elite technicians and administrators who work together as one integrated team.

Faculty of Agriculture at Tanta University has a unique stature among prestigious faculties in the Egyptian educational system. Since its establishment and till now, it has performed its duties and has enhanced its positive role in agricultural development in Egypt, in addition to supporting education and scientific research systems in many Arab countries depending on its professors' scientific and intellectual experience and their effective social visions based on the latest findings, scientific and technological methods and the effective social visions.

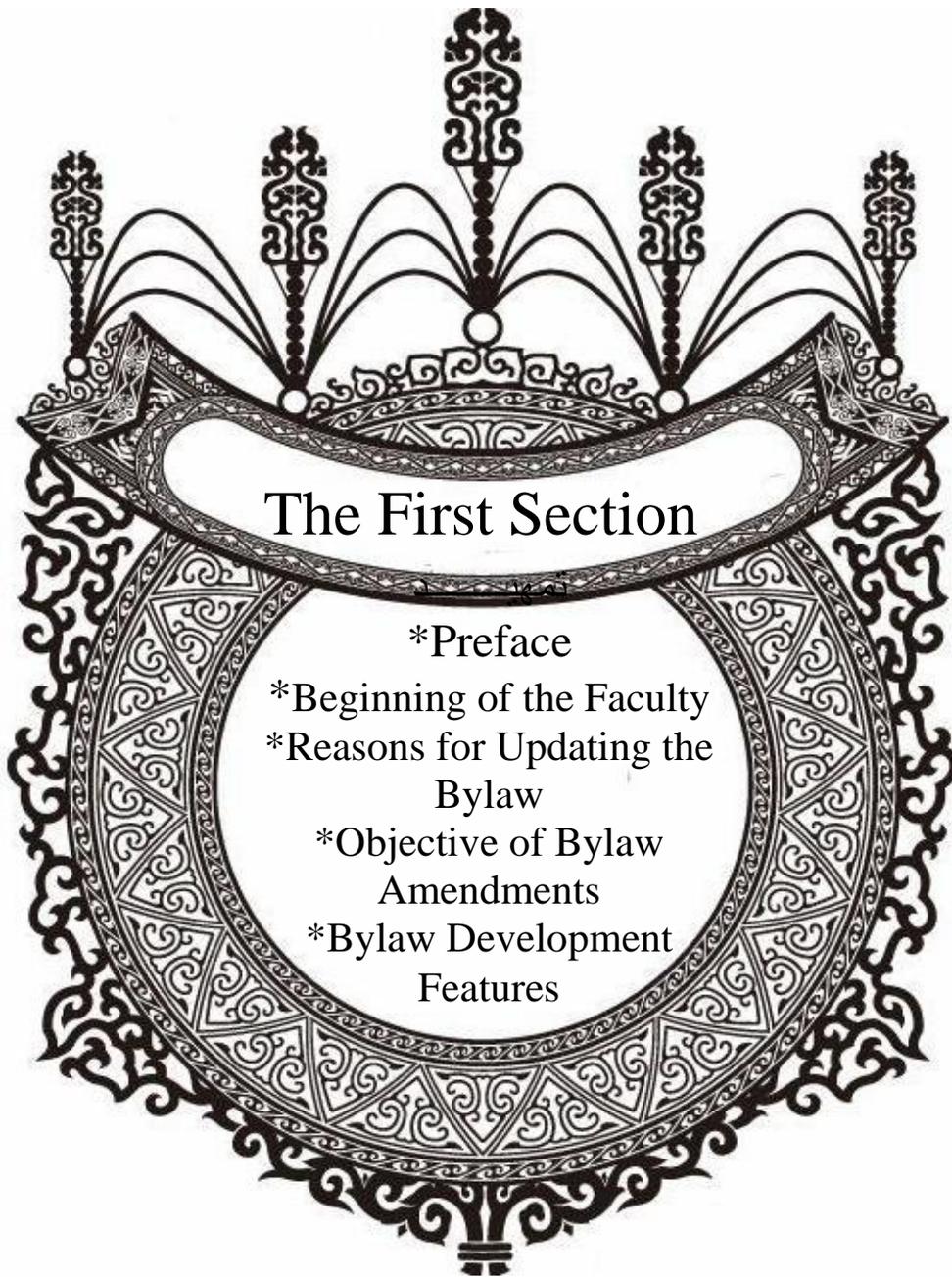
Hence, the Faculty seeks throughout its movement to develop its curricula and to introduce new knowledge relying on changes and requirements of labor market and technological advancements. Therefore, the Faculty is keen on producing new programs in the following stage that match various developmental requirements in the fields of animal production, veterinary health and landscaping.

According to the system of accredited hours, Faculty of Agriculture at Tanta University comes to grant the Bachelor's degree in Agricultural Sciences in the General Division with effect from 2015. Despite the development that occurred to this bylaw issued by the ministerial decree No. 673 on April 3, 2011, it was restricted to meeting labor market requirements related to graduates' quality.

In response to recent international changes in the field of agriculture, agricultural education, to introduce quality assurance and accreditation system in the educational process and to fulfill labor market needs; the Faculty considered the necessity to restructure the academic curricula to cope with advancements at

the local, regional and Arab levels to satisfy labor market needs through offering new multi-disciplinary majors that depend on participation from various scientific departments inside and outside the Faculty.

In order to emphasize graduates' excellent professional preparation, quality assurance and accreditation system was applied. The Faculty has made much accomplishment in this system and in the transition from the system of years and compulsory courses to the system of credit hours. Thereupon, the bylaw of 2011 was issued to fulfill these goals. After graduating the first class of students in 2015, an opinion poll was conducted to students, graduates, teaching staff and most organizations interested in employing graduates of Faculty of Agriculture. According to the result of the poll, bylaw of the bachelor's stage was developed to meet its aim.



First: Start of Faculty and Beginning of its Academic Study

- In 1970 the republican decree No. 1578 was issued about establishing branches of universities of Cairo, Alexandria and Ain Shams. A branch of Alexandria University was founded including faculties of Medicine, Science, Education, and Agriculture in Kafr El-Sheikh.
- In 1972 the republican decree No. was issued. Its second article stipulates in paragraph e establishment of Middle Delta University. Next, its title was modified based on the presidential decree No. 54 of 1973 to Tanta University.
- In 1975 the presidential decree No. 809 was issued with the executive bylaw of Act 49 of 1972 (the first section – fifth) which stipulates that Tanta University includes Faculty of Medicine (having departments of Dentistry and Pharmacy) and faculties of Science, Education and Agriculture in Kafr El-Sheikh, Commerce, Arts and Agriculture in Shebin El-Kom. Then, the Cabinet decree No. 924 was issued in the same year, and added Faculty of Engineering and Technology in Shebin El-Kom and Faculty of Electronic Engineering in Menouf to faculties of Tanta University.
- In 1976, based on the ministerial decree No. 1142 Menoufia University was separated from Tanta University.
- In 1981 the republican decree No. 278 was issued about establishing a branch of Tanta University in Kafr El-Sheikh. This branch includes faculties of Agriculture and Education. In 1990 a decree was issued regarding transfer of Faculty of Veterinary Medicine to the branch of Tanta University in Kafr El Sheikh.

- Study at Faculty of Agriculture in Tanta began with effect from the academic year 1993\1994 according to the internal bylaw of Faculty of Agriculture in Kafr El-Sheikh in the specialization of (General Division) till the ministerial decree No. 44 was issued on January 8, 1998 concerning issuance of an internal bylaw of the Faculty and the decrees amending it to gain the Bachelor's degree in Agricultural Sciences (the General Division) only.

Second: Reasons that Made the Faculty Submit the Current Bylaw

1. To face scientific and technological challenges of the era, to respond to recent international changes in the field of education, to adopt the system of quality assurance and accreditation, and to apply the system of accredited hours.
2. To meet current labor market needs of the private sector in different agricultural fields.
3. To concentrate on development of agricultural education to achieve sustainability in that vital sector and to reach food security in Egypt in participation with other educational institutions.

Second: Reasons for Amendments of the Previous Bylaw that are Introduced in the New One

1. To fulfill the mission and vision of the Faculty about offering suitable atmosphere for preparation of an outstanding graduate.
2. To apply quality assurance and accreditation system and to sharpen student's skills in order to meet labor market requirements.

3. To provide labor market with a graduate able to serve community, develop the environment and work in various agricultural fields.

Fourth: Development Features of the Bylaw:

1. Restructuring the academic curricula and updating their content.
2. To focus on providing students with knowledge and intellectual, practical and general skills.
3. To turn from the academic system of semesters to the academic system of accredited hours.
4. To give due interest to professional ethics and agricultural legislations.
5. To develop teaching computer and to concentrate on its applications in the agricultural sector.
6. To care about increasing students' linguistic skills in the English language particularly in the agricultural field.
7. To develop student training programs and to double their duration in order to increase student's skills of dealing with labor market.

Fifth: Human Resources at the Faculty:

Table (2) shows the human resources existing now at the Faculty including teaching staff and their assistants.

Table (2)
List of Teaching staff and Assistant Staff

No.	List	Number
1	Professors	31
2	Assistant Professors	15
3	Lecturers	37
4	Assistant Lecturers	24
5	Demonstrators	7

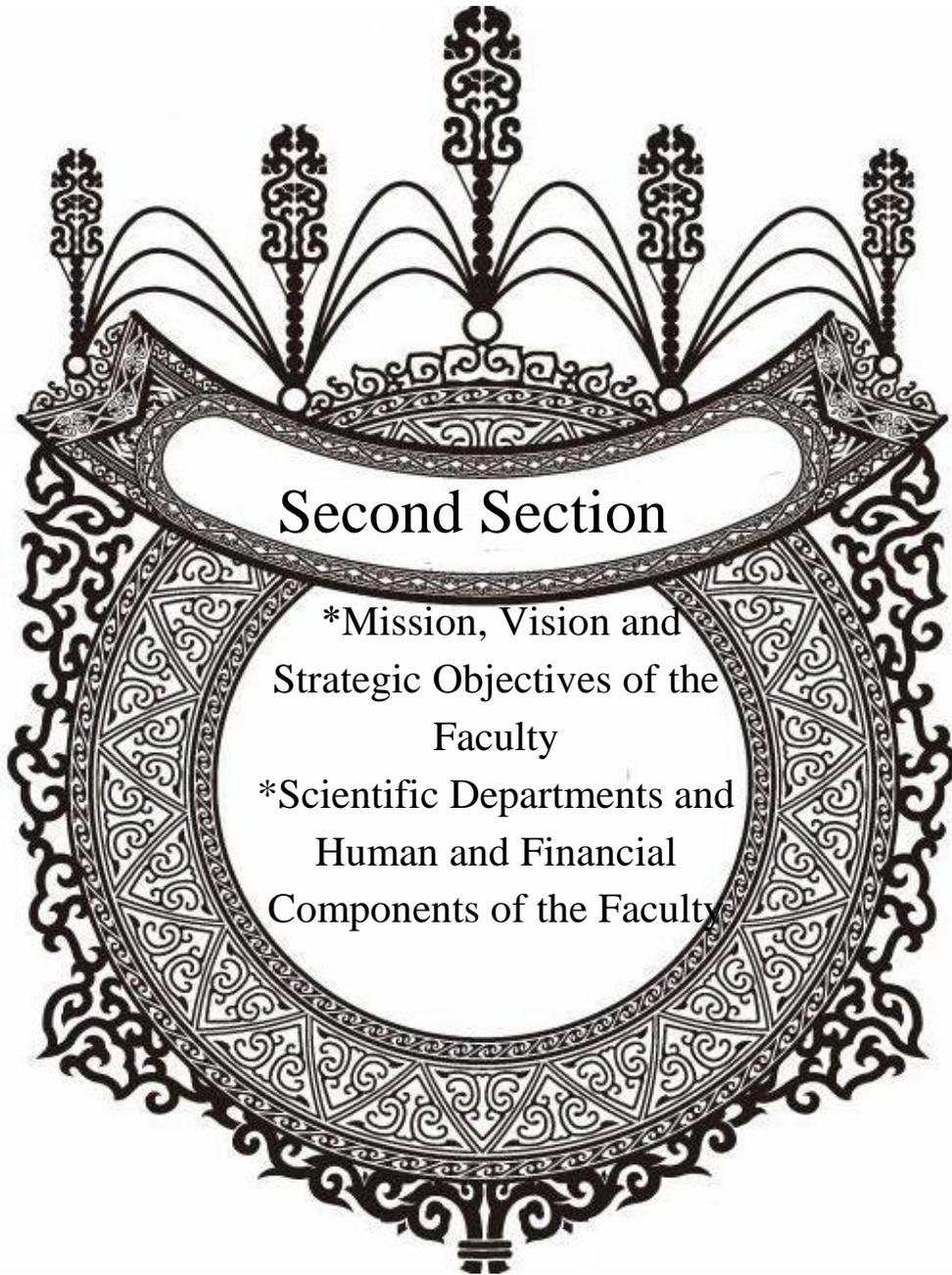
Sixth: Financial Resources at the Faculty

Table (3) shows the financial resources and the capabilities currently available at the Faculty.

Table (3)
List of Financial Resources at the Faculty

No.	List	Number
1	Auditoriums	8
2	Teaching halls	1
3	Engineering drawing hall	1
4	Labs	18
5	IT Club	1
6	Meeting hall for councils of departments - Faculty Council Hall	11
7	Rooms for Teaching staff, assistant staff and control systems	58
8	Administration offices	23

9	Faculty farm	1
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Article (1): Mission, Vision and Strategic Objectives of the Faculty

First: Mission of the Faculty

Mission of Faculty of Agriculture, as part of University Mission, seeks to provide high quality education and training to prepare cadres and researchers qualified for labor market requirements, to develop productive and research agriculture sector and to solve the problems related to it in the light of scientific advancement in order to achieve communication and sustainable development, to serve the environment and to develop community locally and regionally in cooperation with different sectors of society adopting of the thought of sustainable development and enhancement of positive values as a method of performance at the Faculty.

Second: Vision of the Faculty

Faculty of Agriculture of Tanta University seeks to achieve excellence and accreditation in the area of agricultural education and scientific research at national and regional levels through commitment to quality criteria in its scientific departments and its production and training units. It seeks to cooperate constructively with local community as well as counterpart scientific institutes and organizations in the Arab region in a cultural, social and ethical framework to reach sustainable development of human and natural resources in Egypt and to provide labor market with graduates qualified to work in all agricultural fields.



Third: Strategic Objectives of the Faculty

Faculty of Agriculture at Tanta University aims to provide various sectors of society with outstanding specialists who are able to lead the agricultural production processes. Graduates of the Faculty according to the General Agricultural Sciences Program (General Division) are knowledgeable about various fundamentals of all agricultural specializations, able to solve problems in those specializations through study and research based on the location of the Faculty in Middle Delta that has high agricultural density, diversity in cultivation of different agricultural crops, many factories that depend on agricultural crops, and lots of agricultural projects owned by the private sector which prefers graduates with comprehensive knowledge about agricultural sciences.

Thereupon, introducing new academic curricula was taken into consideration during formulation of philosophy and approaches of the Faculty in order to cope with trends of recent developments in various agricultural sciences. In addition, interest was given to computer applications, its use and good knowledge of the English language to expand knowledge resources and to be always aware of new advancements.

They can be summed up as follows:

- 1- To prepare agricultural specialists who have scientific knowledge and various integrated intellectual, technical and professional skills in order to qualify them for the optimal



production of field and horticultural crops needed for local consumption and export.

- 2- To provide students with professional information and to introduce modern techniques in poultry production and industry and related fields.
- 3- To qualify students to work in food and dairy factories and to establish food projects.
- 4- To prepare a graduate qualified for work in commerce or research in fields of agricultural pest control.
- 5- To train students in making decisions required in management of an agricultural institution according to current economic and social changes and to train them in applying results of agricultural research in the agricultural sector as well as the ability of planning and evaluating economic and social development programs.
- 6- To graduate a student knowledgeable about land resources and optimal modern methods of reclamation and cultivation that maintain soil productivity, and water resources and planning to use them in the best way to conserve them and protect them from pollution.
- 7- The graduate must be able to use and apply biotechnology techniques to solve problems having the ability to work in this field.



8- To give graduates some cognitive skills in the field of agricultural engineering through which they can use modern technology in this area.

Article (2): Scientific Departments at the Faculty

The Faculty consists of 10 scientific departments. Some of these departments included a number of branches with distinctive specializations. At each department, there are some subspecialties. Table (1) shows scientific departments, their codes and their distinguished specialized branches as follows:

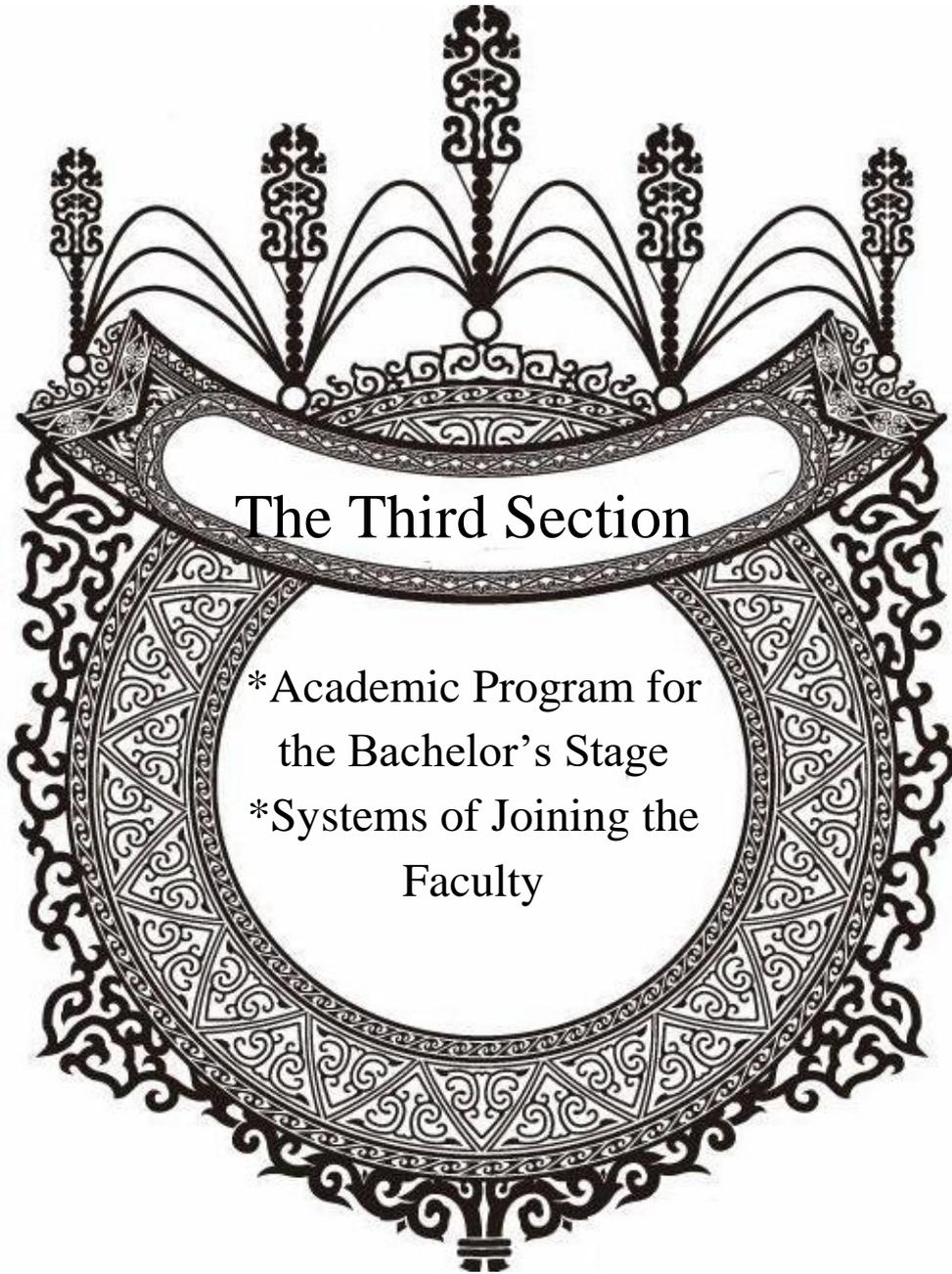
Table One (1)

Scientific departments, their codes and their distinguished specialized branches:

No.	Scientific Departments	Codes	Distinguished Specialized Branches
1	Soil and Water	أرض	—
2	Agricultural Economics	أقز	1. Agricultural Economy 2. Agricultural Guidance 3. Rural Community
3	Food Science and Technology	عتغ	1. Food Industries 2. Dairy Products
4	Animal Production	أنح	1. Animal production 2. Poultry production 3. Fish production
5	Horticulture	بسن	1. Fruit 2- Vegetables



			3- Flowers and Ornamental Plants
6	Animal Production	وقن	1. Economic Insects 2. Pesticides 3. Agricultural Animal
7	Crops	مح ص	—
8	Agricultural Plant	ن بز	1. Agricultural Plant 2. Plant Diseases 3- Agricultural Microbiology
9	Agricultural Engineering	هز ع	—
10	Genetics	ورث	—



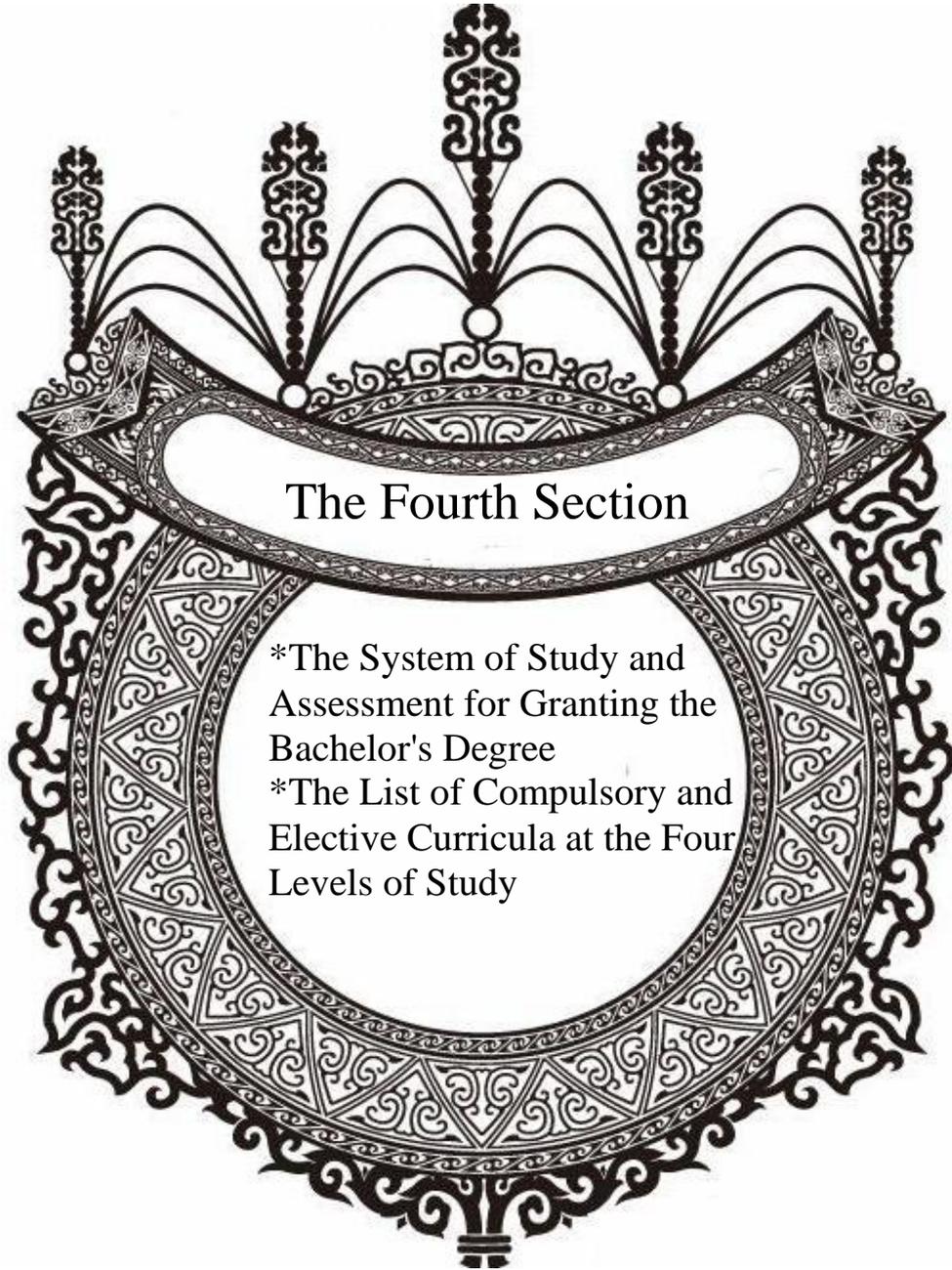


Article (3): Academic Program of the Bachelor's Stage:

Upon request from Faculty of Agriculture Council, Tanta University Council grants the Bachelor's degree in Agricultural Sciences "the General Division" according to Agricultural Sciences Program (the General Division) based on the system of accredited hours.

Article (4): Systems of Joining the Faculty

1. Students who gained General Secondary Certificate are accepted through Universities' Coordination Office to obtain a Bachelor's degree in Agricultural Sciences (General Division).
2. Students who had Agricultural Secondary Diploma can be accepted according to regulating bylaws and laws in order to gain the Bachelor's degree in Agricultural Sciences (General Division).
3. After getting the approval from University Council, Faculty Council is authorized to accept students or graduates of any practical faculty as listeners to some curricula at the Faculty according to regulations determined by Faculty Council and approved by University Council. Thereupon, students are granted a certificate for passing those curricula successfully after taking an exam in those curricula. They are not granted any university degree. Tuition fees are defined for Egyptian students and incoming students based on a decree made by University Council.





System of Study and Assessment for Granting the Bachelor's Degree:

Article (5):

The academic system is based on Accredited Hours System with 142 hours and the academic year is divided into two semesters, each consists of fifteen weeks, including practical (or applied) exams followed by oral and written exams.

Article (6):

The duration of gaining the Bachelor's degree in Agricultural Sciences (the General Division) is four years at least in four levels consisting of eight or more semesters.

Article (7):

A student is enrolled for academic curricula with a minimum of 9 accredited hours and a maximum of 18 accredited hours during each semester. Faculty Council is authorized to change the minimum and the maximum mentioned above.

Article (8):

Faculty Council is authorized to add a third summer semester to the academic year. In this case, student's registration will be optional with a maximum of four curricula if this results in transferring the student to the next higher level or meeting the requirements of studying some curricula or requirements of training. The duration of this semester will be eight weeks including the period of the final exam, provided that the number of weekly hours allocated to each curriculum is doubled.



Article (9):

The accredited hour is the measurement unit to determine the length of each course. It equals a theoretical lecture of one hour per week, an applied lesson in the form of theoretical or laboratory exercises of two hours per week, or one field applied training period within the Faculty or outside it of four hours per week throughout the first or the second semester. Note that these periods are doubled weekly during the third summer semester, if any.

Article (10):

To gain the Bachelor's degree in Agricultural Sciences (the General Division), a student has to study and successfully pass 142 accredited hours in addition to some compulsory general curricula that are considered other requirements and are not counted in the semester or accumulative rates as shown in Table (4).

Table (4)
A list of the curricula a student has to pass to gain the Bachelor's degree in Agricultural Sciences (the General Division)

The required level	Complusory curricula (accredited hours)	Elective curricula (accredited hours)	General compulsory curricula as as other requirements
The first and the second levels	24 curricula in 71 accredited hours	-	*Human Rights in 2 theoretical hours weekly without accredited hours *English in 2 theoretical hours weekly without accredited hours



The third and the fourth levels	15 curricula in 45 accredited hours	8 curricula in 24 accredited hours	-
	-	-	*Practical training at labs and farms of the Faculty in 2 accredited hours according to the stipulation of Article 25 of this bylaw

