



برنامج نظم التغذية
Dietetic Program



Specification and regulation of
Dietetic Program
"Credit hours system"
(Specific Program)

Faculty of Agriculture – Mansoura University



برنامج نظم التغذية Dietetic Program



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برنامج نظم التغذية Dietetic Program



Vision

To be one of the best nutritional programmes on both national and international levels.

Mission

The dietetic program is committed to prepare dietitians, who are capable of providing excellent service to meet the real needs of both national and regional markets. This is through learning based on problem solving, development of self learning skills and scientific research for community service and environment development.

Educational aims of the program are to:

- 1- Enable students to acquire a sound background in basic and applied sciences essential for understanding nutrition and dietetics. This is to develop their ability of integrating knowledge from contributing disciplines.
- 2- Develop student's understanding of the role of nutrition in health and disease. This is in addition to understanding the principles and application of dietary modification in the promotion of health and management of disease.
- 3- Enable students to develop their analytical and critical skills and their ability to understand and apply the principles of scientific research.
- 4- Develop student's ability to integrate theoretical and practical aspects of their studies.
- 5- Develop the key characteristics of a competent dietitian and commitment to professional behavior and continuous learning.



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The advantages of dietetic program compared with other program

- 1- The dietetic program was developed based on the SWOT analysis, which identify the current strengths, weaknesses, opportunities and threats.
- 2- This program represents the only available nutritional program in colleges and institutes in the Delta region, which creates a competitive advantage for the faculty of agriculture, Mansoura university.
- 3- This program relies on modern concepts of nutrition known as molecular nutrition and its relationship with various human diseases.
- 4- The dietetic program provides unique courses, which are different from the other courses available in the current programs.
- 5- This program will enhance the medical background of students graduated from this program. This is through learning the fundamental medical courses (Anatomy, physiology-cell biology-biophysics –histology- pathology).
- 6- The graduates will develop their knowledge about the interrelationships between food and drugs. This is to help them in selecting the most suitable diets for each patient.
- 7- Many faculties from different disciplines will participate in this program (faculty of medicine, faculty of pharmacy, etc).
- 8- The graduates will have the opportunity of getting practical training in the hospitals and medical centers of Mansoura University.
- 9- English will be the primary language used in education and instruction throughout the program to meet the actual needs of both national and international markets.



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- 10- The graduates of this program will be able to join to clinical nutrition diploma from the European Society for Clinical Nutrition and Metabolism.



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General provisions:

Article (1) Granting Scientific Degree

Mansoura University bestows the bachelor degree in agricultural sciences at Dietetic program according the request from Council of the Faculty of Agriculture.

Article (2) Acceptance Condition in the Program:

First Registration:

2-1 The Faculty of Agriculture accepts the Dietetic program for students (candidates from coordination office as accepted students at faculty of agriculture), who have the secondary school certificate, scientific department (Science) or equivalent in accordance with Article 75 of the Universities Organization Act.

Second: Conversion:

2-2 Accepting students who want to transfer to the program from any program taught at the Faculty of Agriculture, Mansoura University. And they will be enrolled at the program as a new student at the first academic level.

2-3 The students who want to transfer to the program are accepted from any faculty of agriculture at any other university. They will be enrolled into the program as students at the first academic level according to the places available which decided by the Academic Council of the program and faculty council.



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2-4 The graduates of practical college may be allowed to the first academic level of dietetic program.

Third: registering non Egyptian students

2-5 Non Egyptian students can register for the bachelor's degree in this program with the condition of enrollment and conversion of Egyptian students and the Academic Council of the program and faculty council calculate the program Tuition Fee to enroll at the program.

Fourth re-enrollment:

2-6 Students who have already dropped out from the program for a period up to a semester or more. They may be to re-entry of the program according to numbers of study places available.

Fifth Determination of minimum and maximum students will be enrolled in a joint program:

2-7 The Academic Council of the program and faculty council determine the minimum and maximum students will be enrolled in joint program according to facilities available and numbers of study places available. In the case of increasing the students want to joint program which the college council will be compared with them, according to the total grades have been obtained in English, chemistry and biology.

Article (3) The System Used for Studying in the Program

The studying system that is being used in the new program is the credited hours per semester. The proposed system of credit hours in the rule on the following basis:



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1- **Credit hour:** it is an academic measurement unit that is used to determine the weight of each course in relation to other curriculums; it is equivalent to a one hour lecture per week during the first semester. For lessons and practical exercises, one credit hour is being calculated per one time practice for two hours a week during the semester.

2- Semester

The study lasts for 15 weeks per semester, and the semester is the time period between the start of the study until the dismissal and written exams.

3- Academic year

It consists of two obligatory semesters of study, and the study continues to thirty weeks. Each of them lasts for 15 weeks.

4- Grade points average (GPA)

It is the weighted average of the grade points acquired in the courses in that particular semester and approximated to only two decimal places and is calculated as follows:-

$$GPA = \frac{\sum (Course\ GP * Course\ Credits)}{\sum Gradable\ Credits}$$

GP = Grade Points | Credits = Credits

5- Cumulative grade points average (cGPA)

It is average of points obtained by the student in all semester and approximated to only two decimal places and is calculated as follows:-



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$$\text{CGPA} = \frac{\text{Sum (Credits x Grade points)}}{\text{Sum of Credits}}$$

6- Module

It is educational unit that is related to other curriculums and include theoretical and practical contents

7- Curricula

It is a group of educational courses and activities which include theoretical and practical parties and it may be forced or optional, succeeding on it leads to bachelor's degree in agricultural science, department of Dietetic program while the student meet the number of credit hours required for graduation.

8- Course load

It means the total hours that the student registers during a semester with maximum 18 hours, and the minimum 12 credit hours per semester. In the framework of course load, it is not allowed for the student who has a cumulative low level (set by the College Board) enrolled in 12 credit hours per semester.

9- Prerequisite

It is a curriculum in which the student must study and succeed in it before registering another that is based upon it. It is not allowed for the student to study a curriculum which had Prerequisite only if he passes the Prerequisite successfully.

10- Quality points



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Any curriculum is a unit used to measure the performance of students in a course, and is calculated by multiplying the number of credit hours of the curricula in degree which the student obtained in this curriculum.

11-Academic advisor: it is tested through Academic Council of the program from faculty members in the dairy department to assist the student in the selection of curriculum according to existing plans that exists in this regulation, and helping him to overcome the problems that may face him during the study. The advisor works to guide the student academically and socially during the period of study till the graduation. a documentary card is registered for every student through academic supervisor where he record the necessary data and results obtained by the record, he also reviews the curriculum in which the student registered during each semester and until graduating from college, noting that the advisory opinion is just consultative, and the student is the primarily responsible for the decisions where he register upon his own request.

12-The studying language is English, which is the primary language of instruction and education throughout the program period, except for some courses that require teaching in Arabic language (Human rights, Communication and facilitate business skills, Critical thinking, Self-learning skills, Marketing and feasibility study, Nutrition education and counseling patients, Management of Nutrition services, Physical activity in health and disease, Planning and evaluation of food policy).



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Article 4: The Required Time for the Study

The period of study to obtain bachelor's degree in agricultural science in Dietetic program is a four year university or when the student completed the number of credit hours required for graduation (136 credit hours), which is achieved through four academic levels, each academic level include two semesters separated by a holiday, the student couldn't obtain a bachelor's degree only after the completion of graduation requirements.

Article (5) Classroom Organization:

5-1 This program is included three academic semesters as follow:

- The first semester (stars in September)
- The second semester (stars in February)
- The summer semester (stars in July)

5-2 Studying period is represented in fifteen weeks included registration, followed by examination period.

5-3 The first week represented in registration period, where the student register the courses with a minimum of 12 credit hours and a maximum of 18 credit hours per semester. The faculty council may exceed these limits until 2 credit hours, as maximum in order to graduation or avoid dismissing.

Article (6) Summer Semester:

6-1 The summer semester could be held after academic program council suggestion and College Board approval. the system of this study must be condensed not exceed eight (6-8) weeks (Intensive studies), in which the



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deferred curriculum is registered (W) and the failure curriculum with maximum nine credit hours.

Article (7) Rules of Attendance

7-1 If a student's absence came to 20% of scheduled hours he/she is given written warning from the Executive Director of the program.

7-2 If the absence has been exceeded 25% of course hours without an excuse accepted by program management, the student is deprived of entering the final exam and is given “forced withdrawn estimation and this is entered in his GGPA, but if his excuse was accepted, the student is given “unfinished” in each course he missed.

Article (8): Academic Registration and Course Load:

First: Registration

All registered student in the program must follow the university rules:

8-1 The fees of Registration and educational services must be paid in the first week of registration. The tuition and required fees will be estimated by Academic program council and faculty council and council of Mansoura University approval.

8-2 The students who withdraw after one day of registration can retrieve all paid expenses. While the students who withdraw after more than one day of registration can retrieve the paid expenses as follows:



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- Withdraw before the end of the first week of the semester; they can retrieve expenses with 75%.
- Withdraw before the end of the second week of the semester; they can retrieve expenses with 50%.
- Withdraw before the second week of the semester; the student didn't retrieve any expenses.

8-3 It is not allowed for the student who didn't pay the fees to move the next level and also not allowed to continue for regular study at the college.

8-4 In the case of the inability of the student to enter the exam because of his/her illness, the illness certificate must be introduced immediately and he/she is considered excused absence.

8-5 the student has to inform the college administration for any change in his/her contact information (Mailing address, phone number and email address).

Second: The academic load

8-6 It is allowed for each student to enroll at 12-18 credit hours for every academic semester. This is according to study programs schedules.

8-7 The superior student (who has GPA more than 3) can increase the academic load by adding 2 credit hours per semester in the third and fourth level.



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8-8 The student who has GPA less than 2.32 after the second level, that he/she may be add 2 credit hours in the semester from previous courses who has been succeeded.

8-9 The Academic program Council for the management of the program can increase the maximum study load in the last semester, through add four credit hour in order to complete the necessary graduation requirements.

8-10 The student registers in the second level if he/she passes 26 hours as well as the student registers in the third level if he/she passes at least 61 credit hours and also registers in the fourth curriculum levels if he passes at least 95 credit hours.

Article (9) Graduation Requirements:

Graduation requirements in order to obtain bachelor's degree in agricultural sciences in the department of Dietetic program are at least (136) credit hours, which are distributed as follows:



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Courses	Credit hours	Percentage for each course	obligatory credit hours	Elective credit hours
University Requirements				
English language	3	2.2	3	
Studying computer application in the field of nutrition.	2	1.47	2	
Project management (2 hours)	These courses are considered – success or failure courses that did not enter within GPA or cGPA		√	
Human Rights (2 hours)			√	
communication skills and facilitating business (2 hours)				√
Critical thinking (2 hours)				√
Self learning skills. (2 hours)				√
Total	5	3.67	5	-
Faculty Requirements				
Courses for chemistry department	9	6.61	9	-
Courses for Genetic department	2	1.47	2	-
Courses for Department of Economic	7	5.14	7	-
Total	19	13.23	19	-
Major Requirements				
Courses for Agriculture faculty	55-70	40.44-51.5	55	44
Courses for Medicine faculty	26-30	19.11-22.05	26	4
Course for Pharmacy faculty	14-16	10.3-11.76	14	2
Course for Physical Education faculty	2	1.47	2	-
Courses for Computers & information faculty	2	1.47	-	2
Total	113	83.1	97	(16) credit hours will be taken from (48) credit hours

Article (10) Adding and Deleting Courses:

10-1 The student has the right to add or delete courses after the approval of academic advisor, through different ways, that is being approved by academic program council and faculty council. However the add or delete courses will not be violated the academic load as stipulated in article 8. Incomplete course (I) is automatically converted to fail (F) if the



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candidate has not successfully completed the necessary procedures for deleting course by the time specified.

10-2 Student is able to replace one or two elective courses with another, within two weeks of the beginning of the semester.

10-3 The student can delete a course without any effect of the academic and this is with maximum the fourth week. After that date, removal course is allowed from the course and the student gets an estimate of W in this course.

10-4 The student gets F estimation if he declined to attend without deleting course.

10-5 The student is allowed to re-enroll in a course that he got F estimation before, and he/she is allowed to attend it and reenter the exam. In the case of repeated failure in such a course the student is considered fail at every time he/she fails in it to record the number of times that he/she enters the exam in the academic record.

10-6 He/She transfers to second level at the end of the academic year.

Article (11) To Withdraw from the Academic Semester:

11-1 The student who is unable to complete the semester for compelling reasons. They will be allowed to withdraw by program council. Official withdrawal deadline is the month before the last day of the academic semester.



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11-2 The student is given withdraws estimate for each course where he/she was registered before the withdrawal deadline and credit hours and grades will not be used in of the GPA calculation.

Article (12) Graduation Project:

The fourth level students prepare graduation project in certain subjects, approved by the academic council. The program council has to appoint supervisor for graduation project from the staff members of dairy department. The study of graduation project during first semester , and what was achieved of graduation project is evaluated at the end of the first semester exams The student will be assessed by half a degree (50 degrees). Student will be completed the graduation project in the second semester and the evaluation is at the end of second semester (50 degrees) and the project is estimated with (2) credit hours, and 60% for periodical supervision and preparing text as well as 40% for discussion of the project presentation..

Article (13) Internship:

The students who are transferring to the third level are assigned to training period of at least 200 (100 credit hours) for internship (1) under the supervision of staff member in dairy department. The students are training in one of the university hospitals, medical centuries and nutrition establishments which have been approved by the College council. For the students who are moving to fourth level ,that they also have to complete 200 training hours (100 credit hours) internship (2) in one of the university hospitals. The student did not obtain bachelor's degree unless performed the both internship two exams.



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Article (14) evaluation

14-1 During the semester, the midterm exams are held and reports and discussions in order to evaluate the work and activities of the students. The final assessment is presented at the end of the semester, which does not exceed two-hour and its percent not exceed 50% from the course degree, excluding from this courses of fourth level where there is a graduation project. The examinations are held at the end of semesters according to exams schedules that have been determined by faculty council. The students get the estimation at the end of the semester and use the following estimation system:

(A⁺, A, A⁻) excellent. (B⁻, B⁺) very good, (C, C⁺) good, (D⁻, D, D⁺) acceptable, (F) fail, (W) formal withdrawal, (NE) Not tested, (FW) forced withdrawal, (IC) not completed as indicated in (article 15).

14-2 Students can be evaluated in the theoretical and practical as indicated in (article 25)

14-3 Announcing results can be postponed of the courses because of non-completion of its requirements (such as not entering the final exam due to an acceptable excuse) and the student is given incomplete estimation (IC) for this course just for one semester. If the student has not completed the course requirements until the date of final exam of course in the next semester, in this case the student is considered fail and is given (F) estimation.

14-4 The student is considered fail if his total degrees less than 50% , he/she did not attend the final written exam without an acceptable excuse for the



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academic council, exceeding times of absent, cheating or did not get at least 30 percent of the final exam.

14-5 Some courses can be excluded such as internship and graduation project from holding the final theoretical exam.

14-6 Honors degree is granted to the student who gets GGPA (3) or more upon graduation, provided that his level at the four academic levels is not less than 3 and he/she should not failed or succeeded with acceptable estimation (D) or forced withdraw in any course during registration in the program.

Article (15) Indication of Symbolic and Numeric for Degree and Estimation:

The grades which the student obtained in each academic level are as follows:

Points No	estimation	Analogous estimation	The percentage has been obtained by student	Equivalent degree					
3.84-4.00	A+	Excellent	96% more		96	97	98	99	100
3.64 -3.83	A		91%-less than 96%		91	92	93	94	95
3.40-3.63	A-		85% - less than 91%	85	86	78	88	89	90
3.20-3.39	B+	Very Good	80%- less than 85%		80	81	82	83	84
3,00-3.19	B		75%- less than 70%		75	76	77	78	79
2.80-2,99	C+	Good	70% - less than 75%		70	71	71	73	74
2.60-2.79	C-		65%- less than 70%		65	66	67	68	69
2.40-2.59	D+	Acceptable	6-% - less than 65%		60	61	62	63	64
2.20-2.39	D		55%- less than 60%		55	56	57	58	59
2.00-2.19	D-		50% - less than 55%		50	51	52	53	54
0.00	F	Fail	Less than 50%						

The following estimated didn't enter the average estimation

In complete	I
Withdrawal	W



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Forced withdrawal	FW
Audio	AU
Disadvantaged	DN
Suspended result	Y
Absent	T
In progress	IP
Not pass	NP

15-1 If the student repeat the failure in such a course, only calculates failure rates only once in a cumulative GGPA. When the student passed exam with higher degree, and record the number of times that he entered the exam at this curricula in his academic record.

15-2 Minimum cumulative cGPA for graduation is 2.00, it shows at the Student certificate the percentage of total cumulative rounded to two decimal numbers in addition to general estimation of the graduation.

15-3 The student who didn't achieve cGPA (2.00) when completing graduation requirements , he/she have to re-examine a number of courses to a maximum of 15 credit hours, which already got acceptable degree on them and the student will be take a full appreciation in these courses which he/she reexamined. When calculating cGPA the last estimation is calculated in the courses which he/she passes and both of them are mentioned in student academic record. In this case, if the student got cGPA more than 2.00 it will be reduced to 2.00.



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Article (16) Academic Warning, Transferring, Suspending and Cancelling Registration

16-1 If a student got fewer estimates than cumulative 2.0, he got the first warning.

16-2 If the student got cGPA less than 2.0 at the second semester, he took the second warning. In this case, the student is under academic supervision and he/she is allowed to register only in the minimum level of credit hours (12 credit hours).

16-3 The student enrollment is cancelled because of his low level of his cGPA (less than 2.0) for a fourth semester, following the previous semesters.

Article (17) Graduation:

To get a bachelor's degree, students should be able to complete the 136 credit hours of courses with estimation not less than D. The graduation from this program is completed in three times in the academic year as follow:

17-1 June Graduation:

The students will be graduated after the second semester of 400 level, if the students able to achieve all graduation requirements.

17-2 September graduation (summer semester):

It mentioned with details in article 5.

17-3 January Graduation:

The students will be graduated in January Graduation, after students achieve all graduation requirements.

Article 18 Program Management:



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The faculty dean issued a decision to form the Academic Council for the management of the program for five years which will be as following:

- 1- Faculty of Agriculture Dean – the chairman of the Academic Council for the management of the program.
- 2- Vice dean for education and students affairs.
- 3- Executive Director of program.
- 4- Four professors from faculty of agriculture (included two professors from Dairy department).
- 5- Faculty manager
- 6- General Manager Education and Student Affairs at the college.
- 7- May be included 1-2 expertise members in the nutrition field from the outside of faculty of agriculture

Article 19: symbolic codes:

19-1 The symbolic codes of different faculties and departments, which will be taught courses in the dietetic program.

S	Faculty	symbolic codes
1	University requirements	Unv
2	Faculty of medicine	Md
4	faculty of Pharmacy	Pha
6	Faculty of Physical Education	Phy
3	Faculty of Computers and Information	Cis
Different departments of Faculty of Agriculture		
1	Dairy Department	Dar
2	Food Industries Department	Fod
3	Joint teaching between the both dairy department and food industries department (50% for each department).	Fdt
4	Chemistry Department	Chm
5	Agricultural Economics Department	Ecn
6	Genetic Department	Gen
7	Genetic, Microbiology, Chemistry, Food industries and dairy departments	Gmcf



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19-2 Numerical Codes of Courses:

Create a numbering system without double numbered courses, which should lead to clear conditions for assigning course numbers, lack of confusion regarding enrollment, and clear lines of approval authority. The following course numbering system has been adopted::

Level	Number
First	100-112
Second	200-212
Third	300-318
Fourth	400-420

Article 20: Audience System

The College Council can be able to accept students from different faculties at Mansoura university or from the different universities as audience for some courses of dietetic program, according to rules, which have been defined by faculty council and have been approved by University Council. There is a certificate that is granted mention passing these courses and this doesn't grant any university degree.

Article (21): Disciplinary Rules:

Students who are enrolled at the program are subject to the disciplinary system set out in the organization of universities and its implementing regulations law.

Article (22) the application of the provisions of the law regulating universities

These provisions and its implementing regulations are applied in which did not mentioned in this regulation.



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Article 23 The application of the provisions of this Regulation

These provisions are applied from the beginning of the next academic year and applied for new students at the first level of dietetic program.

Article 24 curriculum distribution on classrooms

Through Dietetic program, there will be a study of 136 credit hours distributed for 8 classrooms as follows:



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Level 1

First semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Md101	Human Anatomy	English	-	2	2	3	20	15	5	10	50	100
Md102	Biophysics	English	-	1	2	2	20	15	5	10	50	100
Chm101	Organic chemistry	English	-	2	2	3	20	15	5	10	50	100
Chm102	analytical chemistry	English	-	2	2	3	20	15	5	10	50	100
Md103	Cell biology	English	-	2	2	3	20	15	5	10	50	100
Unv 101	English (1)	English	-	1	-	1	-	15	20	15	50	100
Md104	Medical terminology	English	-	1	-	1	-	15	20	15	50	100
Unv102	Human rights	Arabic	-	2	-	-	-	-	-	-	100	-
Total						16						700

Second semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Gen101	Basics of Genetic science	English	-	1	2	2	20	15	5	10	50	100
Md105	Histology	English	-	2	2	3	20	15	5	10	50	100
Md106	Human physiology	English	-	2	2	3	20	15	5	10	50	100
Fdt101	Essentials of Nutrition Science	English	-	1	2	2	20	15	5	10	50	100
Chm103	Biochemistry	English	-	2	2	3	20	15	5	10	50	100
Md107	Parasitology	English	-	1	2	2	20	15	5	10	50	100
Unv103	Application of computer science in Nutrition	English	-	1	2	2	20	15	5	10	50	100
Total						17						700
Level total						33						1400

T= theoretical, P= practical, C= credit hours, O= Oral exam A= Activities



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Level 2

Third semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Pha201	General Microbiology and immunology	English	-	2	2	3	20	15	5	10	50	100
Fdt202	Nutrition through the Life Cycle (1)	English	Fdt101	1	2	2	20	15	5	10	50	100
Pha202	Natural products chemistry	English	-	2	2	3	20	15	5	10	50	100
Fdt203	Food chemistry	English	-	2	2	3	20	15	5	10	50	100
Md208	Pathology	English	-	2	2	3	20	15	5	10	50	100
Fdt204	Food processing	English	-	1	2	2	20	15	5	10	50	100
Dar201	Milk and dairy products in Human nutrition	English	-	1	2	2	20	15	5	10	50	100
Total						18						700

Fourth semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Fdt205	Nutritional biochemistry	English	-	2	2	3	20	10	5	5	60	100
Ecn201	Principles of statistics	English	-	2	2	3	20	15	5	10	50	100
Pha203	Pharmacology (1)	English	-	2	2	3	20	15	5	10	50	100
Fdt206	Food analysis	English	-	2	2	3	20	15	5	10	50	100
Fdt207	Food microbiology	English	-	1	2	2	20	15	5	10	50	100
Md209	public health	English	-	2	-	2	-	15	20	15	50	100
Md210	First Aid	English	-	1	-	1	-	15	20	15	50	100
Unv204	English (2)	English		1	-	1	-	15	20	15	50	100
Unv205	Internship (1)											
	Elective course			2				15	20	15	50	
Total						18						800
Level total						36						1500

Elective courses

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Unv206	Communication and facilitate business skills	Arabic	-	2	-	-	-	15	20	15	50	100
Unv207	Critical thinking	Arabic	-	2	-	-	-	15	20	15	50	100
Unv208	Self-learning skills	Arabic	-	2	-	-	-	15	20	15	50	100

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Level 3

Fifth Semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Fdt308	Nutrition through the Life Cycle(2)	English	Fdt101	1	2	2	20	15	5	10	50	100
Dar302	food safety and hygiene	English	-	1	2	2	20	15	5	10	50	100
Dar303	Nutrition & immunology	English	Pha201	1	2	2	20	15	5	10	50	100
Ecn302	Economic feasibility study	Arabic	-	1	2	2	20	15	5	10	50	100
Fdt309	Nutrition and metabolism (1)	English	Fdt101	1	2	2	20	15	5	10	50	100
Pha304	Pharmacology (2)	English	Pha203	1	2	2	20	15	5	10	50	100
Unv309	English (3)	English	-	1	-	1	-	15	20	15	50	100
	Elective course 1					2						100
	Elective course 2					2						100
Total						17						900

Elective courses (1)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar304	Nutrition education and counseling patients	Arabic	Fdt101	2	-	2	-	15	20	15	50	100
Ecn303	Management of Nutrition Services	Arabic	-	1	2	2	20	15	5	10	50	100
Chm304	Enzyme chemistry	English	Fdt205	1	2	2	20	15	5	10	50	100

Elective courses (2)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar305	Application of OMICs technology in nutrition	English	Fdt206	1	2	2	20	15	5	10	50	100
Fdt310	Functional food	English	Fdt207	1	2	2	20	15	5	10	50	100
Gen302	Molecular biology	English	Gen101	1	2	2	20	15	5	10	50	100

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Level 3

Sixth Semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar306	Clinical Nutrition (1)	English	-	1	2	2	20	15	5	10	50	100
Fod301	Community nutrition	English	Fdt101	1	2	2	20	15	5	10	50	100
Fdt311	Food preservation	Arabic	Fdt207	1	2	2	20	15	5	10	50	100
Fdt312	Nutrition and metabolism (2)	English	-	1	2	2	20	15	5	10	50	100
Gmcf301	Genetically modified food	English	-	1	2	2	20	15	5	10	50	100
Fod302	Food preparation	English	-	1	2	2	20	15	5	10	50	100
Unv310	Internship (2)											
	Elective course 1					2						100
	Elective course 2					2						100
Total						17						800
Total level						33						1700

Elective courses (1)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar307	Food allergies and intolerance	English	Pha201	1	2	2	20	15	5	10	50	100
Pha305	Medical plants	English	Pha202	1	2	2	20	15	5	10	50	100
Fod303	Filling and Packaging Technology	English	-	1	2	2	20	15	5	10	50	100

Elective courses (2)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar308	Nutrition in cases of physiological stress	English	-	1	2	2	20	15	5	10	50	100
Md311	Nutrition in critical care (1)	English	-	1	2	2	20	15	5	10	50	100
Chm305	Toxicological chemistry	English	Fdt205	1	2	2	20	15	5	10	50	100

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Level 4

Seventh semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Fod404	Clinical Nutrition (2)	English	Dar306	1	2	2	20	15	5	10	50	100
Dar409	Molecular Nutrition	English	Fdt101	1	2	2	20	15	5	10	50	100
Fdt413	Nutritional Status Assessment	English	Fdt101	1	2	2	20	15	5	10	50	100
Md412	Clinical biochemistry	English	Chm101	1	2	2	20	15	5	10	50	100
Dar410	Nutrition for athletes	English	Fdt 205	1	2	2	20	15	5	10	50	100
Fod405	Nutrients interaction	English	-	1	2	2	20	15	5	10	50	100
Md413	Fundamentals of medical psychology	English	-	1	-	1	-	15	20	15	50	100
Dar411	Graduation project				2	1						50
	Elective course 1					2						100
	Elective course 2					2						100
Total						18						950

Elective courses (1)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Fod406	Quality control in hospital nutrition services	English	Dar304	1	2	2	20	15	5	10	50	100
Md414	Nutrition in critical care (2)	English	Md311	1	2	2	20	15	5	10	50	100
Dar412	Maternal and pediatric nutrition	English	Fdt202	1	2	2	20	15	5	10	50	100

Elective courses (2)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Chm406	Free radicals in human health	English	Pha202	1	2	2	20	15	5	10	50	100
Fod407	Nutritional problems in developing countries	English	-	2	-	2	-	15	20	15	50	100
Fod408	Legislation and law regulation of food quality	Arabic	Dar302	2	-	2	-	15	20	15	50	100

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برنامج نظم التغذية Dietetic Program



Level 4

Eighth semester

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Phy401	Physical activity in health and disease	English	-	1	2	2	20	15	5	10	50	100
Fod409	Meal planning	English	Fod301	1	2	2	20	15	5	10	50	100
Dar413	Weight loss programs	English		1	2	2	20	15	5	10	50	100
Pha406	Food-drug interactions	Arabic	Pha304	2	2	3	20	15	5	10	50	100
Unv411	Project management	English		2	-	2	-	15	20	15	50	
Ecn404	Principles of marketing			2	-	2	-	15	20	15	50	100
Dar411	Graduation project	English	-		2	1						50
	Elective course 1					2						100
	Elective course 2					2						100
Total						16						750
Total level						34						1700

Elective courses (1)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Dar414	Food toxicity	English	Dar306	1	2	2	20	15	5	10	50	100
Dar415	Nutrition and chronic disease managements	English	-	1	2	2	20	15	5	10	50	100
Fod410	.Nutrition and mental health	English	Md413	1	2	2	20	15	5	10	50	100

Elective courses (2)

Course code	Course name	Study Language	Prerequisite	Hours per week			Degree					
				T	P	C	P	O	A	Midterm	F	Total
Cis401	Health informatics	English		1	2	2	20	15	5	10	50	100
Fod411	Food spoilage	English	Fdt303	1	2	2	20	15	5	10	50	100
Ecn405	Research marketing	Arabic	Ecn302	1	2	2	20	15	5	10	50	100

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