



Department of: Pharmaceutics

Program: Ph. D in Pharmaceutical Sciences
(*specialization*)

Course: Polymers
Code: (PTP-301)

Course Report

Academic year: 2021/2022
First Semester

البرنامج

دكتوراه العلوم الصيدلانية

تقرير مقرر

البوليمرات

رئيس القسم

أ.د. إرهان إبراهيم أبو هاشم

منسق المقرر

أ.د. أسامة عبدالعظيم سليمان



University: Mansoura

Faculty: Pharmacy

Department: Pharmaceutics

A. Basic Information

Course Title and code:	Polymers (PTP-301)
Program on which this course is given:	Ph.D. Program
Total Credit hours:	2
Lectures:	Tutorial/Practical:
Academic Level	Postgraduate
Academic year	2020/2021 - First semester
Name of lecturers contributed to the delivery of this course	1. Prof. Dr. Osama A. Soliman 2. Asst. Prof. Dr. Marwa Salah El-Dahhan
Course co-coordinator:	Prof. Dr. Osama A. Soliman
External evaluator:	Prof. Dr. Yossri Elsaheed
Date of Department Council Approval	15/5/2022
Date of Faculty Council Approval	5/2022

B. Statistical Information:

No. of students attending the course : 1					
No. of students completing the course: 1					
<u>Exam Results</u>					
Passed No.: 1		percentage: 100%			
Failed No.: -		percentage: 0%			
Grading of successful students (%) :					
A+	100 %	A	-	A-	-
B+	-	B	-	B-	-
C+	-	C	-	C-	-
D+	-	D	-	D-	-



C. Professional Information:

1. Course teaching:

No.	Topics actually taught
1.	Polymers introduction: Fundamentals of polymer structure.
2.	Classification of polymers.
3.	General characteristics of polymers.
4.	Main methods and processes to synthesis polymers.
5.	Polymers as rheology modifiers.
6.	Special properties of polymers, case studies and detailed examples of applications.

Topics taught as a percentage of the content specified:

√ > 90 %	70 - 90 %	< 70 %
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Lecturers commitment of the course content:

√ > 90 %	70 - 90 %	< 70 %
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Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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2. Used teaching and Learning Methods:

Lectures:	Using Power point presentations
Practical Training/ Laboratory:	-
Seminar / Work shop:	-
Class Activity:	Tasks required to develop students self-learning skills.
Case Study:	Different case studies.
Other assignments / home work:	Internet search and Research assignments to design formative assignments.

3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90%
Oral examination	10%
Practical / laboratory work	-



Semester Work	-
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b. Members of examination committee:

1. Prof. Dr. Osama A. Soliman
2. Asst. Prof. Dr. Marwa Salah El-Dahhan

c. Role of external evaluator (If any):

1. Review of course items.
2. Suggestion of new topics.
3. Offering new learning techniques.
4. Revision of Exam and related assignments.

4. Facilities and Teaching Materials

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

5. Administrative constraints

List any difficulties encountered: Not found

6. Student evaluation of the course:

List any criticisms and response of course team

criticisms	response of course team
Not found	

7. Comments from external evaluator(s) (if exists) and response of course team:

Comment	Response
<i>The evaluator praises the course.</i>	



8. Course enhancement suggestions:

Progress on actions identified in the previous year's action plan:

Action	Completed	Not completed	Why not completed?
EX: Upgrade course note	√		

9. Action plan for academic year 2022 - 2023:

Action Required	Person responsible	Completion Date
Updating references and course contents.	Course coordinator	2022

	Name	Signature
Course Coordinator	Prof. Dr. Osama A. Soliman	
Head of Department	Prof. Dr. Irhan Ibrahim Abu Hashim	



Department of: Pharmaceutics

Program: Ph. D in Pharmaceutical Sciences
(*specialization*)

Course: Granulation and compaction
Code: (PTP-302)

Course Report

Academic year: 2021/2022
First Semester

البرنامج
دكتور الفلسفة

تقرير مقرر
التحبيب والضغط

رئيس القسم
ا.د. ارهان إبراهيم أبو هاشم

منسق المقرر
ا.د. ارهان إبراهيم أبو هاشم



University: Mansoura

Faculty: Pharmacy

Department: Pharmaceutics

A. Basic Information

Course Title and code:	Granulation and compaction Code: (PTP-302)
Program on which this course is given:	Ph.D. Program
Total Credit hours:	2
Lectures:	Tutorial/Practical:
Academic Level	Postgraduate
Academic year	2021/2022 - First semester
Name of lecturers contributed to the delivery of this course	1. Prof. Dr Irhan Ibrahim Abu Hashim 2. Dr. Mariza Fouad Farag
Course co-coordinator:	Prof. Dr Irhan Ibrahim Abu Hashim
External evaluator:	
Date of Department Council Approval	15/5/2022
Date of Faculty Council Approval	5/2022

B. Statistical Information:

No. of students attending the course: 1					
No. of students completing the course: 1					
<u>Exam Results</u>					
Passed No.: 1		percentage: 100%			
Failed No.: -		percentage: -			
Grading of successful students (%):					
A+		A	100%	A-	
B+		B		B-	
C+		C		C-	
D+		D		D-	



C. Professional Information:

1. Course teaching:

No.	Topics actually taught
1.	Types of granulation techniques.
2.	Theory of granulation and compaction.
3.	Reasons for granulation.
4.	Significance of granulation and compaction in drug delivery systems.
5.	Influence of the granulation technique on the granulate properties.
6.	Pharmaceutical applications

Topics taught as a percentage of the content specified:

√ > 90 %	70 - 90 %	< 70 %
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Lecturers commitment of the course content:

√ > 90 %	70 - 90 %	< 70 %
----------	-----------	--------

Coverage of exam topics to course content:

√ > 90 %	70 - 90 %	< 70 %
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2. Used teaching and Learning Methods:

Lectures:	Lectures using Power Point (PPT) presentations
Practical Training/ Laboratory:	-----
Seminar / Work shop:	-----
Class Activity:	Activities and tasks required to develop students' self-learning skills.
Case Study:	-----
Other assignments / home work:	Internet search and Research Assignments to design Formative Assignments

3. Student Assessment:

a. Method of Assessment	Percentage of total
Written examination	90 %
Oral examination	10 %
Practical / laboratory work	---
Semester Work	-----



b. Members of examination committee:

1. Prof. Dr Irhan Ibrahim Abu Hashim
2. Dr. Mariza Fouad Farag

c. Role of external evaluator (If any):

1. Revise the course contents.
2. Suggest enhancement plan of the course.
3. Revise the Exam and related assignments.

4. Facilities and Teaching Materials

Totally adequate	√
Adequate to some extent	
Inadequate	
List any inadequacies:	

5. Administrative constraints

List any difficulties encountered:
Not found

6. Student evaluation of the course:

List any criticisms and response of course team

criticisms	response of course team
Not found	

7. Comments from external evaluator(s) (if exists) and response of course team:

Comment	Response
<i>The evaluator praises the course</i>	



8. Course enhancement suggestions:

Progress on actions identified in the previous year's action plan:

Action	Completed	Not completed	Why not completed?
Ex: . Upgrade course note	√		

9. Action plan for academic year 2021 - 2022:

Action Required	Person responsible	Completion Date
Updating references and course content	Course Coordinator	1/2022

	Name	Signature
Course Coordinator	Prof. Dr Irhan Ibrahim Abu Hashim	
Head of Department	Prof. Dr Irhan Ibrahim Abu Hashim	