

ZPRO C4101: Research Project in Pharmaceutics

			XXX I University					
Credits: 10 Credits: 1 PFO Level: 8 Module Delivered In 1 programme(s) Teaching & Learning Strategies: The literature review and project plan will be completed in Semester 1. Ten hours lectures will support this service will be mainted to covering similar review. distance access, project planning, this assessment, addring Semester 2. The learner will complete a comprehensive project report and an oral presentation and defense. The topic of the project will be decided at the beginning of the yeart by the interme in consultation and defense. The topic of the project will be decided at the beginning of the yeart by the interme in consultation are initially given explicit guidelines with respect to: - Assessing the literature and writing a literature review - Research methodologies. The repice of paratime, setting project paratime, of project paratime, of the paratime in the project planning at the set on the project planning at the set on the project planning at the set on the project planning the set on the project planning the project planning at the project planning at the project planning at the set on the advect at the set on the project planning at the set on the project at the	Module Title:		Research Project in Pharmaceutics					
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Teaching & Learning Strategies: The literature review and project plan will be completed in Semester 1. Ten hours lectures will support this during Semester 2. The learner will complete a comprehensive project planning, risk assessment, during Semester 2. The learner will complete a comprehensive project planning, risk assessment, during Semester 2. The learner will complete a comprehensive project plan will be learner in consultation with the supervisory team. Topics will be decided at the beginning of the year by the learner in consultation with the supervisory team. Topics will be decided at the beginning of the year by the learner in consultation with the supervisory team. Topics will be decided at the beginning the year by the learner in consultation with the supervisory team. Topics will be decided at the beginning practical and write up phases. Learner projects will be matched to their interests and liason will be made with industry or other agent of the supervison usualy on campus at II Carlow. During the planning, practical and write up phases and with industrial partners - Project planning, setting objectives, project health and safety, and CIP Presentations and science to the adverse out be dealers approved by a facture. The learner is the review will be witten in the agreed style with the support and advice of the supervisor. The learner is required to submit the required declaration and advertes to the adverse out be dealers and the advecter to the supervisor. The learner is required to submit the required declaration and advice to the institute subgravism policy. The learner is the constant stage at the advecter to the advected stage of throw degin on all advice to the user scientific literature. Module Aim: • To develop the learner's knowledge, skills and competency in project planning, design and no place it the agreed house scientific literature sources, critically analyse the material and produce a	NFQ Level:	NFQ Level: 8						
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L03 Demonstrate the ability to work independently, show initiative, and solve problems; to work collaboratively with peers and technical staff to schedule access to instrumentation; to integrate and utilise in a practical manner the knowledge acquired through other modules on the programme. L04 Analyse and interpret the data generated during the project, applying software packages for statistical analysis where appropriate; identify and elucidate the limitations of the project and its methodologies and identify opportunities for further development of the work. L05 Present a project report in agreed written and oral formats, using appropriate audic-visual and/or online technologies, and development of the work. </th <th colspan="2"></th> <th>element of the module covering literature review, database access, project planning, risk assessment, scientific writing, and referencing. The programme of laboratory work will take place over over 10 weeks during Semester 2. 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During the planning, practical and write up phase of their project, the learner will be closely supervised by a lecturer. The learner is expected to develop skills in project planning and to recognise and solve problems. The final Project report containing the literature review will be written in the agreed style with the support and advice of the supervisor. The learner will receive written guidelines concerning the adherence to deadlines and production of project report in the agreed house style. A standardised form of referencing will be used throughout the project. The learner is</th>			element of the module covering literature review, database access, project planning, risk assessment, scientific writing, and referencing. The programme of laboratory work will take place over over 10 weeks during Semester 2. The learmer will complete a comprehensive project report and an oral presentation and defence. 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Successful completion of Year 3 or equivalent.			r a practical skill) that is mandatory before enrolment in this module is allowed.					
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ZPRO C4101: Research Project in Pharmaceutics

Module Content & Assessment

Indicative Content

Project

An independent laboratory based research project in one of the following areas: pharmaceutics, pharmaceutical science, pharmacology, analytical chemistry, drug formulation, cosmetic formulation, food formulation, drug delivery, waste control/treatment, environmental analysis, process control, process modelling, process optimisation, will be carried out by the student under the supervision and guidance of an academic supervisor. The project involves the development of autonomous self-directed learning in consultation with supervisors and others. Students are assigned at least one supervisor who will guide them through the process, meeting with them regularly. Students have access to the expertise of the entire supervisory team and are expected to avail of such. Students are expected to engage in group learning by discussing their project with each other and helping with problem solving. They must record the ongoing progress of their project and the analysis of their data in a laboratory notebook, diary or in another format that will be will be monitored by their supervisor. Students will write up the final project report in an agreed format including the literature survey and project rationale, methodology, results, discussion and/or recommendations in consultation with their supervisor who will provide feedback on preliminary drafts.

Assessment Breakdown	%	
Project	100.00%	

No Continuous Assessment

Project						
% of total	Assessment Date					
15.00	Sem 1 End					
5.00	Sem 1 End					
40.00	Sem 2 End					
30.00	Sem 2 End					
10.00	Sem 2 End					
	10.00					

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment



ZPRO C4101: Research Project in Pharmaceutics

Module Workload

Workload: Full Time					
Workload Type	Frequency	Average Weekly Learner Workload			
Lecture	24 Weeks per Stage	0.42			
Laboratory	12 Weeks per Stage	13.33			
Estimated Learner Hours		2.67			
	Total Hours	250.00			

Module Delivered In								
Programme Code	Programme	Semester	Delivery					
CW_SAPHA_B	Bachelor of Science (Honours) in Pharmaceutics and Drug Formulation	8	Mandatory					