

<b>Short Title:</b>	Continued Academic Development <b>APPROVED</b>
<b>Full Title:</b>	Continued Academic Development
<b>Language of Instruction:</b>	English

<b>Module Code:</b>	CACD H3001
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<b>Credits:</b>	5
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<b>Field of Study:</b>	Pharmacy
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<b>Module Delivered in</b>	<a href="#">2 programme(s)</a>
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<b>Reviewed By:</b>	JOHN BEHAN
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<b>Module Author:</b>	MAEVE SCOTT
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<b>Module Description:</b>	This module prepares the student on placement for semester 7 and 8 organic chemistry, bioprocessing, systems validation and statistics modules
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Learning Outcomes	
<i>On successful completion of this module the learner will be able to:</i>	
LO1	Analyse statistical data from clinical trials
LO2	Carry out a test of association on categorical data
LO3	Describe upstream and downstream industrial biopharmaceutical processes
LO4	Explain key concepts of organic chemistry and draw reaction mechanisms

**Module Content & Assessment**

<b>Course Work</b>				
<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Written Report	Students will review a clinical trial case study and discuss the issues of design and analysis. They will also analyse clinical trial data using a contingency table.	1,2	33.00	Ongoing
Continuous Assessment	Blended assessment methods	3,4	67.00	Ongoing

No End of Module Formal Examination

**TU Dublin – Tallaght Campus reserves the right to alter the nature and timings of assessment**

**Module Workload**

<b>Workload: Full Time</b>				
<i>Workload Type</i>	<i>Workload Description</i>	<i>Hours</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	Blended learning	1.00	Every Week	1.00
Independent Learning	Study and Assessment	3.00	Every Week	3.00
Total Weekly Learner Workload				4.00
Total Weekly Contact Hours				1.00

**This module has no Part Time workload.**

## Module Resources

### *Required Book Resources*

**James Reilly 2018, *Applied Statistics*, 2nd Ed., [www.statisticalsolutions.ie](http://www.statisticalsolutions.ie)**

**Clayden, Greeves, Warren 2012, *Organic Chemistry*, 2nd Ed Ed., Oxford University Press [ISBN: 978-019927029]**

### *Recommended Book Resources*

**Lawrence Friedman, Curt Furberg , David Demets, Christopher Granger, David Reboussin 2015, *Fundamentals of Clinical Trials*, 5th Ed., Springer**

*This module does not have any article/paper resources*

### *Other Resources*

**Papers: *Peer reviewed papers linked to on moodle***

**Module Delivered in**

<b>Programme Code</b>	<b>Programme</b>	<b>Semester</b>	<b>Delivery</b>
TA_SPHAR_B	<a href="#">Bachelor of Science (Honours) in Pharmaceutical Science</a>	6	Group Elective 1
TA_SAPHR_D	<a href="#">Bachelor of Science in Pharmaceutical Science</a>	6	Group Elective 1