

## Dublin Chemistry Module Listing 2016-17

Modules that normally take place in Semester 1					
Code	Title	Coordinator	ECTS	Comment	2016/17
CHEM40160	Chem and Chem Bio Seminar module I	G. Morgan, UCD D. Mac Dónaill, TCD	2.5	Compulsory in 1st yr	Offered Annually All year module
CHEM40280	Chem & Chem Bio Sem Prog II	G. Morgan, UCD D. Mac Dónaill, TCD	2.5	Optional in 2nd yr	Offered Annually All year module
CHEM40240	Spectroscopic Techniques	S. Quinn, UCD S. Draper, Y. Gun'ko TCD	2.5	Optional (Location TCD)	Offered Annually
CHEM40340	Graduate assistant	A. Rous, UCD D. Mac Dónaill, TCD	5	Compulsory in 1st yr – UCD students only	Offered Annually
CHEM40390	Topics in Inorganic Chemistry	t.b.a. R. Baker, TCD. A. Phillips, UCD	5	Optional (Location TCD/UCD)	Offered Bi-annually <b>Not offered in 2016-17</b>
CHEM40400	Carbohydrate Chemistry	E. Scanlan, TCD S. Oscarson, UCD	2.5	Optional	Offered Bi-annually
CHEM40450	Surface Science & Technology	C. McGuinness, TCD	5	Optional (Location TCD)	Offered annually
CHEM40520	Chem & Chem Bio Sem Prog III	G. Morgan, UCD D. Mac Dónaill, TCD	2.5	Optional in 3rd yr	Offered Annually All year module
CHEM40860	* Chemistry Outreach: Development and Practice	A. Phillips, UCD S. Draper, P. Colavita, TCD	5	Optional- 12 places (Location external)	Offered Annually
CHEM40910	Quantum Molecular Modelling	G. Watson, TCD	5	Optional (Location TCD)	Offered Bi-annually. <b>Offered in 2016-17</b>
CHEM40920	Translational Research in AIDS	I. Rozas, TCD	2.5	Optional (Location TCD)	Offered Bi-annually <b>Offered in 2016-17</b>
<p>≠For this module, interested students must submit a short paragraph explaining why they are interested in this course to their local coordinator (Dr. Paula Colavita TCD and Dr. Andrew Phillips UCD). Based on this, students will be selected and accepted onto the course. Only then will students be registered to the course, but not before. Informal queries are welcome and should be directed to the local co-ordinator.</p>					

<b>Modules that normally take place in Semester 2</b>					
<b>Code</b>	<b>Title</b>	<b>Coordinator</b>	<b>ECTS</b>	<b>Comment</b>	<b>2016/17</b>
CHEM40210	Comprehensive X-ray Crystallography	H. M. Bunz, UCD S. Draper, W. Schmitt TCD	2.5	Optional – 18 places (Location UCD)	Offered Annually
CHEM40250	Structure and Biophysical properties of Nucleic Acids	S. Quinn, UCD C. Cardin, Uni of Reading J. Kelly, I. Rozas, TCD	2.5	Optional	Offered Bi-annually. <b>Offered in 2016-17</b>
CHEM40270	Synthesis and Modification of Nanomaterials	S. Quinn, UCD Y. Gun'ko, TCD	2.5	Optional	Offered Bi-annually. <b>Not offered in 2016-17</b>
CHEM40310	Catalytic Asymmetric Synthesis	P. Guiry, D. Gilheany, UCD. S. Connors, TCD	5	Optional (Location TCD/UCD)	Offered Bi-annually. <b>Not offered in 2016-17</b>
CHEM40350	Chem Lab to Commercial Application	D. Gilheany, UCD B. Kelly, Celtic Catalysts	2.5	Optional (Location UCD)	Offered Annually
<b>Code</b>	<b>Title</b>	<b>Coordinator</b>	<b>ECTS</b>	<b>Comment</b>	<b>2016/17</b>
CHEM40360	Advanced Organic Chemistry	M. Casey, UCD P. Evans, UCD	5	Optional (Location UCD)	Offered Annually
CHEM40370	Advanced: NMR & Mass Spectrometry	Y. Ortin, P. Guiry, A. Phillips, UCD J. O'Brien, TCD	5	Optional (Location TCD/UCD)	Offered Annually
CHEM40580	Dublin Chemistry Surface Physics	J. Boland, TCD	5	Optional (Location TCD)	<b>Not offered in 2016-17</b>
CHEM40720	Scientific Writing and Publishing	M. Senge, TCD	2.5	Optional (Location TCD)	<b>Not offered in 2016-17</b>
CHEM40850	Introduction to TEM	V. Nicolosi, A. Shmeliov, TCD	5	Optional (Location TCD)	Offered Annually
CHEM50030	Chem 3rd Yr PhD presentation	D. Gilheany, UCD	2.5	Compulsory in 3rd yr (Location UCD)	Offered Annually