

Chemistry (CH) Distance Learning Modules

CH4453 Chemistry Distance Learning (Materials Chemistry)				
SCOTCAT Credits:	10	SCQF Level 10	Semester	Full Year
Academic year:	2019/0			
Availability restrictions:	Available only to students on the MChem Materials Chemistry, MChem Materials Chemistry with External Placement and BSc Materials Chemistry degree programmes.			
Planned timetable:	n/a - Distance Learning			
This distance-learning module allows students to develop an advanced understanding of the basic concepts of various topics in Materials Chemistry.				
Pre-requisite(s):	Before taking this module you must pass at least 2 modules from {CH2501, CH2601, CH2603, CH2701}			
Anti-requisite(s)	You cannot take this module if you take CH4452			
Co-requisite(s):	For programmes with an external placement: CH4441 and CH4454 and CH4455			
Learning and teaching methods of delivery:	Weekly contact: Distance learning			
	Scheduled learning: 0 hours		Guided independent study: 100 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Re-assessment pattern:	Oral Re-assessment = 100%			
Module teaching staff:	Dr F D Morrison, Dr R T Baker			

CH4455 Chemistry Distance Learning (Inorganic Chemistry)				
SCOTCAT Credits:	10	SCQF Level 10	Semester	Full Year
Academic year:	2019/0			
Availability restrictions:	Available only to students on the MChem Chemistry with External Placement, MChem Chemistry with Medicinal Chemistry and External Placement and MChem Materials Chemistry with External Placement degree programmes.			
Planned timetable:	n/a - Distance learning			
This module offers the material covered by level 4000 BSc/MChem module CH4514 in a distance learning mode to students on the MChem one-year placement. See the module description for CH4514 for details of module content.				
Pre-requisite(s):	Before taking this module you must pass CH2501 and pass at least 1 module from {CH2601, CH2603, ch2701}. Only chemistry students on external placement may take this module.			
Anti-requisite(s)	You cannot take this module if you take CH4514 or take CH4451			
Co-requisite(s):	You must also take CH4441 and take CH4454 and (take CH4456 or take CH4453)			
Learning and teaching methods of delivery:	Weekly contact: Distance Learning			
	Scheduled learning: 0 hours		Guided independent study: 100 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Re-assessment pattern:	Oral Re-assessment = 100%			
Module teaching staff:	Dr E Zysman-Colman, Dr B Bode			

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CH4456 Chemistry Distance Learning (Organic Chemistry)				
SCOTCAT Credits:	10	SCQF Level 10	Semester	Full Year
Academic year:	2019/0			
Availability restrictions:	Available only to students on the MChem Chemistry with External Placement and MChem Chemistry with Medicinal Chemistry and External Placement degree programmes.			
Planned timetable:	n/a - Distance Learning			
This module offers the material covered by level 4000 BSc/MChem module CH4614 in a distance learning mode to students on the MChem one-year placement. See the module description for CH4614 for details of module content.				
Pre-requisite(s):	Before taking this module you must pass 1 module from {CH2601, CH2603} and pass at least 1 module from {CH2501, ch2701}. Only chemistry students on external placement may take this module.			
Anti-requisite(s)	You cannot take this module if you take CH4614 or take CH4451			
Co-requisite(s):	You must also take CH4441 and take CH4454 and take CH4455			
Learning and teaching methods of delivery:	Weekly contact: Distance Learning			
	Scheduled learning: 0 hours		Guided independent study: 100 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework = 100%			
Re-assessment pattern:	Oral Re-assessment = 100%			
Module teaching staff:	Dr R A Aitken, Dr E Kay			

CH4458 Chemistry Distance Learning (Physical Chemistry)				
SCOTCAT Credits:	10	SCQF Level 10	Semester	Full Year
Academic year:	2019/0			
Availability restrictions:	Available only to students on the MChem Chemistry with External Placement, MChem Chemistry with Medicinal Chemistry and External Placement, and MChem Materials Chemistry with External Placement degree programmes.			
Planned timetable:	n/a - Distance learning			
This module offers the material covered by level 4000 BSc/MChem module CH4716 in a distance learning mode to students on the MChem one-year External Placement. See the module description for CH4716 for details of module content.				
Pre-requisite(s):	Before taking this module you must pass CH2701 and pass 1 module from {CH2501, CH2601, CH2603}			
Anti-requisite(s)	You cannot take this module if you take CH4714 or take CH4454 or take CH4451 or take CH4716			
Co-requisite(s):	You must also take CH4441			
Learning and teaching methods of delivery:	Weekly contact: n/a distance learning			
	Scheduled learning: 0 hours		Guided independent study: 100 hours	
Assessment pattern:	As defined by QAA: Written Examinations = 0%, Practical Examinations = 0%, Coursework = 100%			
	As used by St Andrews: Coursework (Open-book problem-solving assessment) = 100%			
Re-assessment pattern:	Re-assessment by oral examination. Students will be required to return to St Andrews at an appropriate time (for example at the end of their external placement) to be re-assessed. Details of reassessment as for CH4716.			
Module teaching staff:	Prof M Buck, Prof M Buehl			