

QUALIFYING COURSES FOR THE  
DEAN'S MULTIDISCIPLINARY AND ERGRADUATE RESEARCH LIST

Members of the Academic Committee are invited to consider the list of courses that qualify for

In exceptional circumstances, if students have taken a science research course *not* already on the approved list, and wish for this course to be counted toward the Dean's Multidisciplinary Undergraduate Research List, they must apply. A qualifying course involves a science research project as its primary focus, culminating in a substantive written report. Ineligible courses include: reading courses; BASC 396 and BASC 449; and courses offered by the Faculty of Arts. For information on how to apply, students should contact the Office for Undergraduate Research in Science at least 4 months prior to graduation (e.g., February 1, for June graduation; July 1, for November graduation; August 1, for February graduation).

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What is the list of approved research-based courses? How was it created and revised?

In 2005, members of the academic committee were asked to propose courses from their units which should be on this list. All courses involve a significant research component and a final written report or thesis. Reading courses were excluded. The list was reviewed and approved at the Academic Committee meeting of December 13, 2005. Since 2005, courses have been added by OURS in consultation with the Associate Dean (Academic), reflecting new course offerings (including three such courses added in 2012-13). The list was also reviewed with the Academic Committee in September 2009, September 2011, September 2012, September 2013, and September 2014. The current list is given below.

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Additions or modifications?

For consideration:

Are there any other courses that should be added to this list, as a result of courses already created, or course changes in process, or courses recently modified?

Or proposed deletions?

Changes from 2014/2015, for reference

CHEM 490

490 was reading-or-research, and is now reading-only, but remains on the list for students who took it as research in prior years.)

Course	Title	Cr	Comment	Research or reading?
AGRI 519	Sustainable Development Plans	6	Added 2010/01/15. (Approved course for B.Sc. Envr.)	
ANAT 396	Undergraduate Research Project	3		
ANAT 432	Honours Research Project	9	Span course	
ATOC 396	Undergraduate Research Project	3		
ATOC 480	Honours Research Project	3		
BIOC 396	Undergraduate Research Project	3	(Not on very first list years ago)	
BIOC 462	Research Lab in Biochemistry	6	Added 2011/09	
BIOC 491	Independent Research	6		
BIOL 396	Undergraduate Research Project	3		
BIOL 451	Research in Ecology and Development in Africa	3	Added 2011/09	
BIOL 466	Independent Research Project 1	3		
BIOL 467	Independent Research Project 2	3		
BIOL 468	Independent Research Project 3	6		
BIOL 469	Independent Research Project 4	9		
BIOL 479	Honours Research Project 1	9	Span course	
BIOL 480	Honours Research Project 2	12	Span course	
CHEM 396	Undergraduate Research Project	3		
CHEM 470	Research Project 1	6		
CHEM 480	Research Project 2	3		
COGS 396	Undergraduate Research Project	3		
COGS 401	Research Cognitive Scienc.2( C)-5.9(o)[BIOL 396)5.7( )-22686365 66 .4( )JT*.0005 Tc-.0029 Tw{2.4(ch i			

EPSC 482	WAS: Independent Studies 1 NOW: Res in Earth & Planetary Sci	3	*
ESYS 480	Honours Research Project	6	Span course. Added 2013/07.
GEOG 396	Undergraduate Research Project	3	
GEOG 451	Research in Society and Development in Africa	3	Added 2011/09
GEOG 460	Research in Sustainability	3	Added 2014/2015
GEOG 489	Independent Research in Geog	3	Added 2014/01
GEOG 490	WAS: Geography: Independent Studies. NOW: Independent readings in Geog	3	*
GEOG 491	Honours Research	3	Span course
GEOG 492	Joint Honours Research	3	Span course
HGEN 396	Human Genetic Research Project	3	Added 2013/01
MATH 396	Undergraduate Research Project	3	
MATH 410	Majors Project	3	
MATH 470	Honours Research Project	3	
MDPH 396	Undergraduate Research Project	3	Added 2015/01
MIMM 396	Ugrad Research Proj-Microbiol	3	
MIMM 397	Ugrad Research Proj - Immunol	3	(Not on very first list years ago)
MIMM 501	Hons Research Proj - Immunol	12	Span course. (Not on very first list years ago)
MIMM 502	Hons Research Proj - Microbiol	12	Span course
NSCI 396	Undergraduate Research Project	3	(Not on very first list years ago)
NSCI 410	Independent Research 1	6	(Not on very first list years ago)
NSCI 420	Independent Research 2	9	BOTH span course AND 1-term course. (Not on very first list years ago)
NSCI 430	Honours Research Project	9	Span course. Added 2013/07.
PHAR 396	Undergraduate Research Project	3	Added 2014/09
PHAR 598	Honours Pharmacology Research Project	6	Span course. Added 2014/01
PHAR 599	WAS: Res Projects in Pharmacology NOW: Pharmacology Research Project	6	BOTH span course AND one-term course. Added 2009/09.
PHGY 396	Undergraduate Research Project	3	
PHGY 419	WAS: Project&Seminar in Immunology NOW: Immunology Research Project	9	Span course
PHGY 461	Experimental Physiology	9	Span course
PHYS 396	Undergraduate Research Project	3	
PHYS 449	Majors Research Project	3	
PHYS 459	Honours Research Thesis	3	Span course
PHYS 479	Honours Research Project	3	
PHYS 489	Special Project	3	
PSYC 380	Honours Research Project Sem	9	Span course
PSYC 395	Psychology Research Project 1	6	

PSYC 396	Undergraduate Research Project	3	(Not on very first list years ago)
PSYC 450	Research Project & Seminar	9	Span course
PSYC 494	Psychology Research Project	9	Span course
PSYC 495	Psychology Research Project 2	6	
PSYC 496	Senior Honours Research 1	6	
PSYC 497	Senior Honours Research 2	6	
PSYC 498	Senior Honours Research	9	Span course
PSYT 400	Research Project in Psychiatry	6	Span course. Added 2013/01.