

## FACULTY OF SCIENCE ACADEMIC COMMITTEE

### Report to Faculty of Science Meeting

The Academic Committee approved the following on Tuesday, October 28, 2014 and Tuesday, November 25, 2014.

#### I. MEETING OF OCTOBER 28, 2014

##### Courses and Programs

1.     **Physics**  
       PHYS 447                   Applications of Quantum Mech.                   **AC-14-9**  
                                   Changes: course number [from -436], title, restrictions  
                                   3 credits  
       PHYS 580                   Introduction to String Theory                   **AC-14-10**  
                                   Course retirement  
                                   3 credits
  
2.     **Atmospheric & Oceanic Sciences**  
       *New Course to be Included in List of Freshman Courses*  
       ATOC 100                   Extr.-Weath. & Clim.-Chg Phys.                   **AC-14-11**  
                                   3 credits
  
3.     **Mathematics & Statistics**  
       **Course renumberings:**                   **AC-14-12**  
       MATH 454 [from -354]   Honours Analysis 3 (3 credits)  
       MATH 455 [from -355]   Honours Analysis 4 (3 credits)  
       MATH 456 [from -370]   Honours Algebra 3 (3 credits)  
       MATH 457 [from -371]   Honours Algebra 4 (3 credits)  
       MATH 458 [from -380]   Honours Differential Geometry (3 credits)  
       MATH 475 [from -375]   Honours Partial Differential Equations (3 credits)  
       Program Changes:  
       - B.Sc. Major in Mathematics                   **AC-14-13**
  
4.     **Computer Science**  
       B.Sc. Program Revisions:  
       - Major in Computer Science                   **AC-14-14**  
       - Honours in Computer Science               **AC-14-15**  
       - Major in Software Engineering             **AC-14-16**  
       - Honours in Software Engineering           **AC-14-17**  
       - Liberal Program: Core Science Component in Software Engr.   **AC-14-18**  
       B.A. & Sc. Program Revision:  
       - Major Concentration in Software Engineering   **AC-14-19**  
       B.A. Program Revision - For Information:  
       - Major Concentration in Software Engineering
  
5.     **Minor Course Change Report (For information)**                   **AC-14-8**
  
6.     **Proposal to Modify M.D.,C.M. Prerequisites and MED-P Curriculum**   **AC-14-21A**

## II. MEETING OF NOVEMBER 25, 2014

### Courses and Programs

1. **Neuroscience**  
Minor in Neuroscience **AC-14-7**
  
2. **Anatomy & Cell Biology**  
ANAT 214                      Systemic Human Anatomy **AC-14-24**  
Changes: course activities, supplementary Calendar  
information  
3 credits
  
3. **McGill School of Environment**  
B.Sc. Program Changes: **AC-14-25**  
- Major in Environment: Biodiversity and Conservation Domain  
B.Sc. (Ag. Env. Sc.) Program Changes – For Information:  
- Major in Environment: Biodiversity and Conservation Domain
  
4. **Chemistry**

CHEM 283 (New)	Intro Phys Chem Lab 2 credits	<b>AC-14-26</b>
CHEM 345	Intro to Quantum Chem Changes: title, prerequisites 3 credits	<b>AC-14-27</b>
CHEM 355	Appl of Quantum Chemistry Changes: title, description 3 credits	<b>AC-14-28</b>
CHEM 482	Organic Chem:Natural Products Changes: number [from -382], restrictions 3 credits	<b>AC-14-29</b>
Program Changes:		
- Major in Chemistry		<b>AC-14-30</b>
- Honours in Chemistry		<b>AC-14-31</b>
- Major in Chemistry with Bio-organic Option		<b>AC-14-32</b>
- Honours in Chemistry with Bio-organic Option		<b>AC-14-33</b>
- Major in Chemistry with Materials Option		<b>AC-14-34</b>
- Honours in Chemistry with Materials Option		<b>AC-14-35</b>
New Programs:		
- Major in Chemistry with Measurement Option		<b>AC-14-36</b>
- Honours in Chemistry with Measurement Option		<b>AC-14-37</b>
  
5. **Pharmacology & Therapeutics**

PHAR 200 (New)	Introduction to Pharmacology 1 1 credit	<b>AC-14-38</b>
PHAR 201 (New)	Introduction to Pharmacology 2 1 credit	<b>AC-14-39</b>
PHAR 390 (New)	Laboratory in Pharmacology 3 credits	<b>AC-14-40</b>
PHAR 505 (New)	Structural Pharmacology 3 credits	<b>AC-14-41</b>
PHAR 565 (New)	Epigenetic Drugs and Targets 3 credits	<b>AC-14-42</b>
Course Changes:		
PHAR 508	Drug Discovery and Develop. 3	<b>AC-14-43</b>

	Changes: number [from -558]; course activities, title, Description, prerequisites, restrictions, supplementary Calendar Information 3 credits	
PHAR 562	Neuropharmacology Changes: title, description, prerequisites 3 credits	AC-14-44
PHAR 563	Endocrine Pharmacology (Changes: title, prerequisites, description, restrictions Supplementary Calendar info 3 credits	AC-14-45
Program Changes:		
- Minor in Pharmacology		AC-14-46
- Major in Pharmacology		AC-14-47
- Honours in Pharmacology		AC-14-48
<b>6. Earth &amp; Planetary Sciences</b>		
EPSC 240 (New)	Geology in the Field 3 credits	AC-14-49
Course Changes:		
EPSC 210	Introductory Mineralogy Change in description 3 credits	AC-14-50
EPSC 312	Spectroscopy of Minerals Course Retirement 3 credits	AC-14-51
EPSC 331	Field School 2 Change in prerequisite 3 credits	AC-14-52
EPSC 341	Field School 3 Change in prerequisite 3 credits	AC-14-53
EPSC 423	Igneous Petrology Change in prerequisite 3 credits	AC-14-54
EPSC 445	Metamorphic Petrology Change in prerequisite 3 credits	AC-14-55
EPSC 452	Mineral Deposits Change in prerequisite 3 credits	AC-14-56
EPSC 530	Volcanology Change in prerequisite 3 credits	AC-14-57
Program Changes:		
- Major in Geology (Renamed from Major in Earth & Planetary Sciences)		AC-14-58
- Honours in Planetary Sciences		AC-14-59
- Honours in Geology (Renamed from Honours in Earth Sciences)		AC-14-60
<b>7. Minor Course Change Report (For information)</b>		AC-14-23
<b>8. APC Subcommittee on Courses and Teaching Programs (SCTP)</b>		AC-14-61