

**FACULTY OF SCIENCE ACADEMIC COMMITTEE**  
**Report to Faculty of Science Meeting**

The Academic Committee approved the following on Tuesday, 27 October 2015:

**SECTION A: NEW COURSES**

- (1) **EARTH & PLANETARY SCIENCES**  
 EPSC 520 Earthquake Physics and Geology **AC-15-13**  
 3 credits
- (1A) **Associated Program:**  
**PHYSICS/EARTH & PLANETARY SCIENCES**  
 - Joint Major in Physics & Geophysics **AC-15-14**
- (2) **COMPUTER SCIENCE**  
 COMP 551 Applied Machine Learning **AC-15-18**  
 4 credits

**SECTION B: COURSE REVISIONS**

- (1) **PHYSICS**  
 PHYS 434 Optics **AC-15-15**  
 Change in description  
 3 credits
- (2) **COMPUTER SCIENCE**  
 COMP 303 Software Design **AC-15-16**  
 Changes: title, description  
 3 credits
- COMP 350 Numerical Computing **AC-15-17**  
 Restriction added  
 3 credits
- (3) **MATHEMATICS & STATISTICS**  
 MATH 317 Numerical Analysis **AC-15-17A**  
 Restriction added  
 3 credits

**SECTION C: PROGRAM CHANGES:**

**McGILL SCHOOL OF ENVIRONMENT**

- Major in Environment, Ecological Determinants of Health (Cellular) **AC-15-20**
- Major in Environment, Ecological Determinants of Health (Population) **AC-15-21**

**SECTION D: OTHER (For Information Only)**

- (1) **McGILL SCHOOL OF ENVIRONMENT**  
*Program Changes:*  
 - B.A. Faculty Program in Environment, Ecological Determinants of Health in Society  
 - B.Sc. (AgEnvSc) Major in Environment, Ecological Determinants of Health (Cellular)  
 - B.Sc. (AgEnvSc) Major in Environment, Ecological Determinants of Health (Population)
- (2) **MATHEMATICS & STATISTICS**  
 - B.A. Minor Concentration in Statistics (Deletion of Complementary Course)
- (3) **CHEMISTRY MINOR COURSE CHANGES** **AC-15-22**
- (4) **COURSES ON DEAN'S MULTIDISCIPLINARY UNDERGRADUATE RESEARCH LIST (DMURL)** **AC-15-12**