

FACULTY OF SCIENCE ACADEMIC COMMITTEE
Report to Faculty of Science Meeting on 19 March 2019

The following proposals were approved at the Academic Committee meeting on 26 February 2019:

I. New Courses:

1. **Physics**
 PHYS 321 Data Sci & Obs Astrophys AC-18-77
 3 credits

2. **Biology**
 BIOL 517 Cognitive Ecology AC-18-78
 3 credits

II. Course Revisions:

1. **Biology**
 BIOL 301 Cell and Molecular Laboratory AC-18-79
 Changes: prerequisites, restrictions
 4 credits

BIOL 324 Ecological Genetics AC-18-80
 Changes: description, schedule type
 3 credits

BIOL 428 Biological Diversity in Africa AC-18-81
 Removal of restriction
 3 credits

BIOL 544 Genetic Basis of Life Span AC-18-82
 Change in course activities
 3 credits

2. **Biology/McGill School of Environment**
 BIOL 540/ENVR 540 Ecology of Species Invasions AC-18-83
 Changes in prerequisites AC-18-84
 3 credits

3. **Mathematics & Statistics**
 MATH 249 Honours Complex Variables AC-18-85
 Change in prerequisites
 3 credits

MATH 314 Advanced Calculus AC-18-86
 Change in restrictions
 3 credits

MATH 316 Complex Variables AC-18-87
 Change in prerequisites
 3 credits

MATH 319 Intro to Partial Diff Equas AC-18-88
 Change in prerequisites
 3 credits

MATH 458 Honours Differential Geometry AC-18-89
 Change in prerequisites
 3 credits

MATH 475 Honours PDE's AC-18-91
 Change in prerequisites
 3 credits

MATH 466 Honours Complex Analysis AC-18-90
 Changes in prerequisites; corequisite
 3 credits

4. Atmospheric & Oceanic Sciences

ATOC 531	Dynamics of Current Climates Change in corequisite 3 credits	<u>AC-18-93</u>
ATOC 541	Synoptic Meteorology 2 Change in prerequisite 3 credits	<u>AC-18-94</u>
ATOC 558	Numerical Methods & Laboratory Change in prerequisite 3 credits	<u>AC-18-95</u>

III. Program Changes:

- Mathematics & Statistics

B.Sc. Program Changes:

- Honours in Mathematics and Computer Science

AC-18-92

IV. For Information Only:

Mathematics & Statistics

B.A. Program Changes:

- Honours in Mathematics and Computer Science

B.Eng. Program Changes:

- Minor in Mathematics