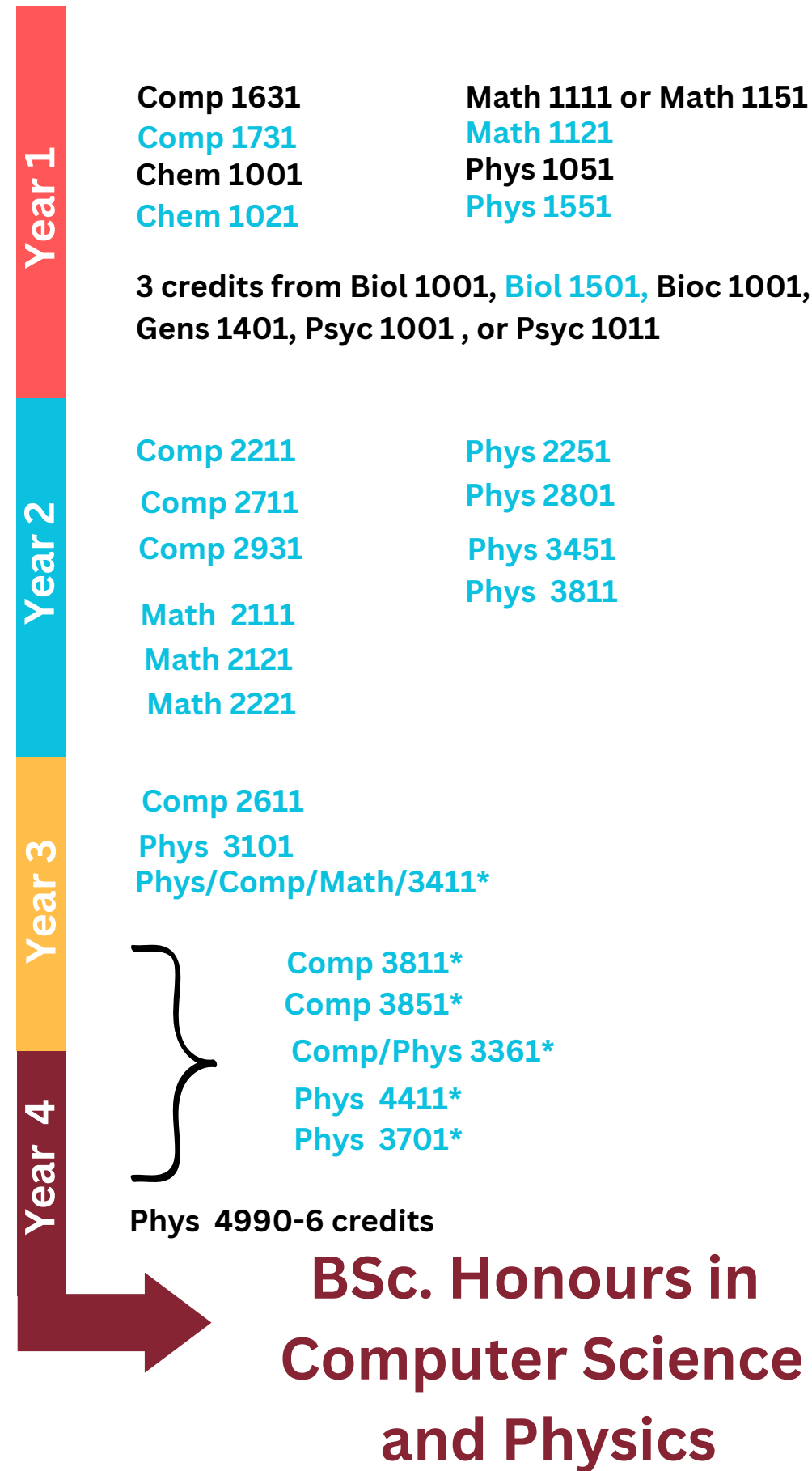
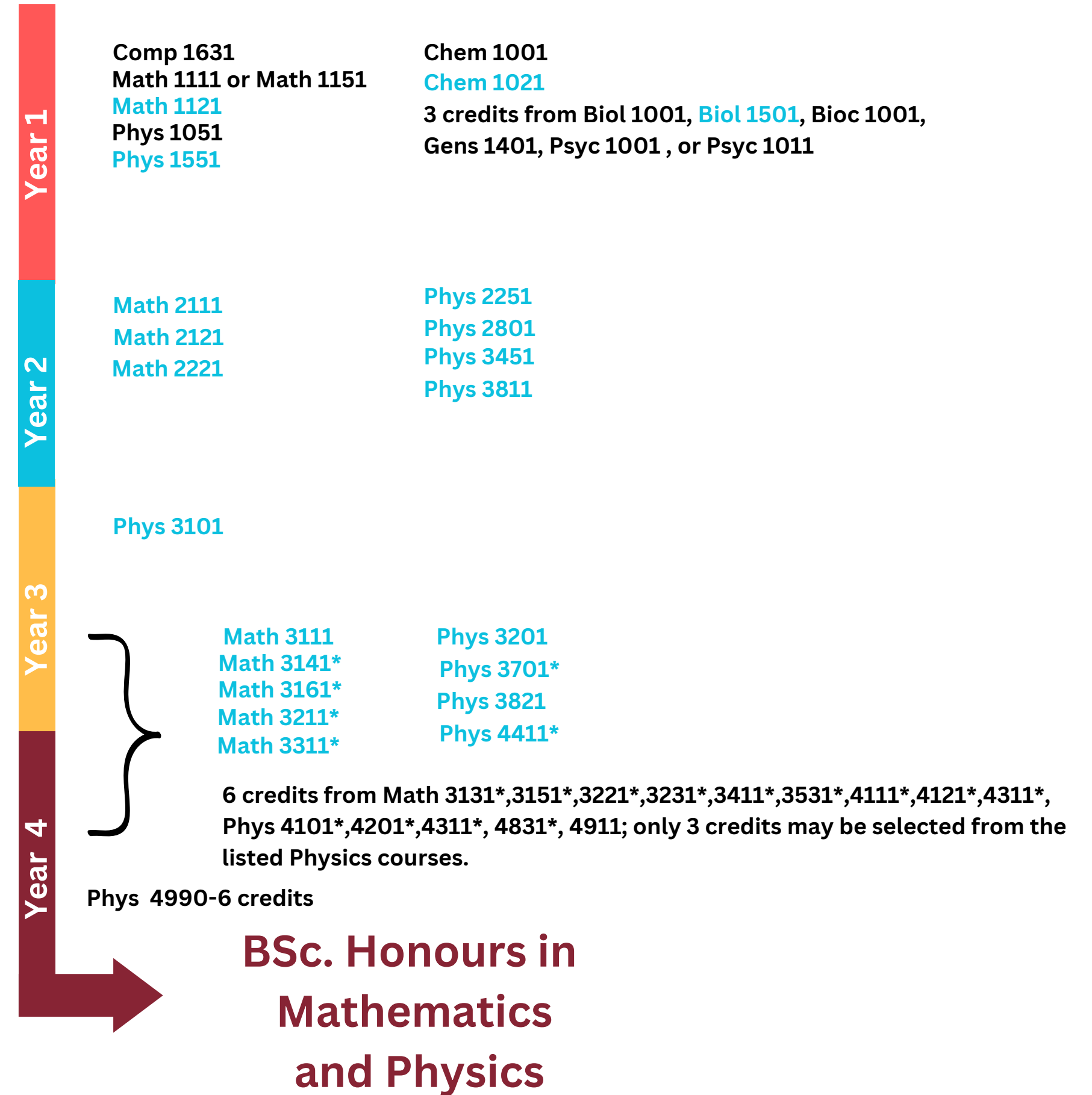


Interdisciplinary Bachelor of Science Programs Physics Honours

The topic of the Honours thesis or project, PHYS 4990 must be chosen in consultation with both departments. Students in the BSc. Joint Honours in Comp Sci and Physics are required to integrate knowledge in both Physics and Comp Sci in their Honours thesis or project.



Students pursuing Honours in Mathematics and Physics may be allowed to substitute Phys 1041 for Phys 1051 with permission of the Department.



*Course not offered yearly- check rotation at <https://mta.ca/current-students/department-physics/physics-courses-and-programs> and <https://mta.ca/current-students/mathematics-and-computer-science/math-and-computer-science-courses-and>
 A course and number in BLUE means that the course has a prerequisite. See next page for all Prereqs.

Courses with Prerequisites

Biol 1501	• Must take Biol 1001	Math/Phys/Comp 3411	• Must take MATH 1121, 3 credits from MATH 2221 or MATH/PHYS 3451 and 3 credits from COMP <i>or</i> PHYS
Chem 1021	• Must take Chem 1001	Math 3531	• Must take MATH 1111 <i>or</i> 1151 <i>and</i> 3 credits from MATH 1311, 2311, 3311, PSYC 2001 or PSYC 2011, <i>and</i> 3 credits from COMP
Comp 1731	• Must take Comp 1631	Math 4111	• Must take MATH 2111 <i>and</i> MATH 3111;
Comp 2211	• Must take either Math 1111 or Math 1151	Math 4121	• Must take MATH 2111 <i>and</i> MATH 3111;
Comp 2611	• Must take Comp 1731	Math 4311	• Must take MATH 3311
Comp 2711	• Must take Comp 2611	Phys 1551	• Must take 3 credits from MATH 1111 or 1151 AND 3 credits from PHYS 1041 or 1051
Comp 2931	• Must take Comp 1731	Phys 2251	• Must take PHYS 1551 and MATH 1121
Comp 3811	• Must take COMP 2711, COMP 2931 <i>and</i> MATH 2221;	Phys 2801	• Must take 3 credits from MATH 1111 or 1151 AND 3 credits from PHYS 1041 or 1051
Comp 3851	• Third-year standing, 3 credits from COMP <i>and</i> 3 credits from Science	Phys 3101	• Must take PHYS 1551, MATH/PHYS 3451, MATH 2111, and MATH 2121
Comp/Phys 3361	• Must take COMP 1631 <i>and</i> PHYS 1551;	Phys 3201	• Must take PHYS 2251 and MATH 2111
Math 1121	• Must take either Math 1111 or Math 1151	Phys 3451	• Must take MATH 2111 and 3 credits from MATH 2121 or PHYS 2251
Math 2111	• Must take Math 1121	Phys 3701	• Must take PHYS 2801 <i>and</i> MATH 2111;
Math 2121	• Must take Math 1121	Phys 3811	• Must take PHYS 2251
Math 2221	• Must take either Math 1111 or Math 1151	Phys 3821	• Must take PHYS 3811 and MATH/PHYS 3451
Math 3131	• Must take MATH 2121, MATH 2111 and MATH 2221	Phys 4311	• Must take PHYS 2251 <i>and</i> PHYS 2801 <i>and</i> 3 credits from MATH 2221 <i>or</i> PHYS 3451
Math 3141	• Must take MATH 2111, 3 credits from MATH 2221 or MATH/PHYS 3451	Phys 4411	• Must take PHYS 3811 <i>and</i> MATH/PHYS 3451
Math 3151	• Third-year standing <i>and</i> Math 1111 <i>or</i> 1151;	Phys 4101	• Must take PHYS 3101 <i>and</i> PHYS 2251 <i>or</i> MATH 2121;
Math 3161	• Must take MATH 2111	Phys 4201	• Must take PHYS 2251
Math 3221	• Must take MATH 2221, MATH 2211 recommended;	Phys 4831	• Must take CHEM 3231 <i>or</i> PHYS 3821 <i>and</i> MATH 2221
Math 3231	• Must take MATH MATH 2211	Phys 4911	• Must take PHYS 3811

All courses needing prerequisites may also be taken with permission of the Department.

Prerequisites Continued

All courses needing prerequisites may also be taken with permission of the appropriate Department.