**Joint Honours Program (Science A: Computer Science (Analytics Stream); Science B: Physics)**

The program outlined below may be varied with the approval of the chairs.

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| Science A  Computer Science | 48 credits: | | | | | | | |
| CSCI 161(3)🞏 | CSCI 162(3)🞏 | CSCI 255(3)🞏 | CSCI 263(3)🞏 | | CSCI 223(3)🞏 | | CSCI 275(3)🞏 |
| CSCI 277(3)🞏 | CSCI 491(0)🞏 | CSCI 493(3)🞏 | CSCI 215(3)🞏 | | CSCI 455(3)🞏 | | CSCI 495(3)🞏 |
| CSCI 3xx/4xx (3)🞏 or STAT 3xx/4xx (3)🞏 or PHYS 323 (3)🞏 | STAT 231(3)🞏 | Stat 3xx/4xx (3)🞏 | \*(3)🞏 | | \*(3)🞏 | |  |
| \*6 credits to be chosen from CSCI 345; CSCI 355; CSCI 364; CSCI 368; CSCI 467 | | | | | | | |
| Science B  Physics | 36 credits: | | | | | | | |
| PHYS 120(6)🞏 | PHYS 201(3)🞏 | PHYS 221(3)🞏 | PHYS 241(3)🞏 | | PHYS 242(3)🞏 | | PHYS 302(3)🞏 |
| PHYS 325(3)🞏 | PHYS 343 (3)🞏 | PHYS 344(3)🞏 |  | |  | | |
| Choose 2 from: PHYS 322\*(3)🞏 or PHYS 443 (3)🞏 or PHYS 444 (3)🞏  (\*requires MATH 361) | | | | | | | |
| Science C | 6 credits: | | | | | | | |
| Math 106/126(3)🞏 | Math 107/127(3)🞏 |  | | | | | |
| Arts X | 12 credits in a single Humanities or Social Science discipline: | | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | |  | |  |
| Arts Y | 6 credits in a single Humanities or Social Science discipline: | | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |  | |  | |  | |
| Approved Electives | 12 credits as approved by the Department of Mathematics, Statistics and Computer Science: | | | | | | | |
| PHYS 223(3)🞏 | MATH 221 (3)🞏 | MATH 223(3)🞏 | MATH 267 (3)🞏 | |  | | |
|  | | | | | | | | |
| Notes | *Grade Requirements:*   * *Overall average of 75% or better in each of the first two years.* * *Grades of 70 or better in each Honours course (Science A and B) with overall averages of 75% for each of Science A and Science B subjects over the first two years.* * *Overall average of 75% or better in each of the final two years.* * *Grades of 70 or better in each Honours course (Science A and B) with overall averages of 75% for each of Science A and Science B subjects in each of the final two years.* | | | | | | | |