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

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

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| Science APhysics | 45 credits: |
| PHYS 120(6)🞏 | PHYS 201(3)🞏 | PHYS 221(3)🞏  | PHYS 223(3)🞏  | PHYS 241(3)🞏 | PHYS 242(3)🞏 |
| PHYS 302(3)🞏 | PHYS 322(3)🞏 | PHYS 323(3)🞏 | PHYS 343(3)🞏 | PHYS 443(3)🞏 | PHYS 344(3)🞏 |
| PHYS 491(0)🞏 | PHYS 493(3)🞏 |  |  |
| Choose 1 from:  | PHYS 422(3)🞏 PHYS 475(3)🞏 PHYS 476(3)🞏 |
| Science BComputer Science | 39 credits: |
| CSCI 161(3)🞏 | CSCI 162(3)🞏 | CSCI 255(3)🞏 | CSCI 263(3)🞏 | CSCI 277(3)🞏 | CSCI 215(3)🞏 |
| CSCI 223(3)🞏 |  CSCI 495 (3)🞏 | CSCI275(3)🞏 | STAT 231(3)🞏  | STAT 331(3)🞏  |  CSCI 455 (3)🞏 Recommended ) orCSCI 3/4xx (3)🞏 (from analytics choices in calendar)  |
|  | MATH 253(3)🞏 |  |  |  |  |  |
| 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 Physics: |
| MATH 221(3)🞏 orMATH 367(3)🞏 | MATH 254(3)🞏 | MATH 267(3)🞏 | MATH 361(3)🞏  |  |
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| 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.*
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