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

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

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| Science A  Computer Science | 42 credits: | | | | | | |
| CSCI 161(3)🞏 | | CSCI 162(3)🞏 | CSCI 255(3)🞏 | CSCI 263(3)🞏 | CSCI 223(3)🞏 | CSCI 491(0)🞏 |
| STAT 231(3)🞏 | | STAT 331(3)🞏 | CSCI 275(3)🞏 | CSCI277(3)🞏 | MATH 253(3)🞏 | CSCI xxx (3)🞏 |
| \*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | | \*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |  | | |
| \*Choose courses from: CSCI 215/335/345/355/364/368/455/467/495/ MATH 254/STAT 4XX. | | | | | | |
| Science B  Physics | 36 credits: | | | | | | |
| PHYS 120(6)🞏 | | PHYS 201(3)🞏 | PHYS 221(3)🞏 | PHYS 241(3)🞏 | PHYS 242(3)🞏 | PHYS 302(3)🞏 |
| PHYS 223(3)🞏 | | PHYS 325(3)🞏 | Choose 3 from: PHYS 322\*(3)🞏 or PHYS 323(3)🞏 or PHYS 343 (3)🞏 or PHYS 344 (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: | | | | | | |
| MATH 221(3)🞏 or  MATH 367(3)🞏 | | MATH 267(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |  | |
| Open Electives | 6 credits Open Electives: | | | | | | |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |  | | | |
|  | | | | | | | |
| Notes | *Grade Requirements:*   * *Overall average of 65% or better in each of the first two years.* * *Grades of 65 or better in each Advanced Major (Science A and B) course in each of the first two years.* * *Overall average of 70% or better in each of the final two years.* * *Average of 70% or better in each Advanced Major subject (Science A and B) in each of the final two years.* | | | | | | |