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

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

|  |  |
| --- | --- |
| Science APhysics | 42 credits: |
| PHYS 120(6)🞏 | PHYS 201(3)🞏 | PHYS 221(3)🞏 (CS: Keep) | PHYS 223(3)🞏 (CS: Keep)  | PHYS 241(3)🞏 | PHYS 242(3)🞏 |
| PHYS 302(3)🞏 | PHYS 323(3)🞏 | PHYS 325(3)🞏 | PHYS 343(3)🞏 | PHYS 344(3)🞏 | PHYS 491(0)🞏 |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |  |
| Additional courses must be 6 credits from PHYS.  |
| Science BComputer Science | 36 credits: |
| CSCI 161(3)🞏 | CSCI 162(3)🞏 | CSCI 255(3) 🞏 | CSCI 263(3) 🞏 | CCSC 223(3)🞏 | CSCI 277 (3)🞏 |
| CSCI 275 (3)🞏  | STAT 231 (3)🞏 | STAT 331 (3)🞏 | CSCI xxx (3)🞏  | \*\_\_\_\_\_\_\_\_\_\_\_(3)🞏 | \*\_\_\_\_\_\_\_\_\_\_\_(3)🞏 |
| \* Choose from CSCI 215/335/345/355/364/368/455/467/495/ MATH 254/STAT XXX.  |
| 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 267(3)🞏 | Math 253 (3)🞏(CS Added)  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(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.*
 |