



Undergraduate Program Name: Physics, BS- General Physics Track
Graduate Program Name: Applied Statistics and Analytics, MS

KENNESAW STATE
UNIVERSITY

Pathway Description: Undergraduate students following the 2021 catalog revision for the Physics BS - General Physics Concentration may follow this path towards the Applied Statistics and Analytic, MS

Course Pairs:

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|---|---|
| Double Owl Scholars will NOT take the following courses: | In their place, Double Owl Scholars will be able to take 3 of the following STAT courses |
| Restricted Elective | STAT 7100 – Statistical Methods |
| Restricted Elective | STAT 7020 – Statistical Computing and Simulation |
| Restricted Elective | STAT 7210 - Applied Regression Analysis |

| Year 1 - Fall (credits) | Credits | Year 1 - Spring (credits) | Credits |
|-------------------------------|-----------|------------------------------------|-----------|
| MATH 1113 | 3 | MATH 1190 | 4 |
| D2: Science | 4 | D2: Science | 4 |
| ENGL 1101 | 3 | ENGL 1102 | 3 |
| SCM 2000 | 3 | E3: World History | 3 |
| | | C1: Literature of the World | 3 |
| | | | |
| TOTAL SEMESTER CREDITS | 13 | TOTAL SEMESTER CREDITS | 17 |
| Year 2 - Fall (credits) | Credits | Year 2 - Spring (credits) | Credits |
| MATH 2202 | 4 | MATH 2203 | 4 |
| PHYS 2211 | 3 | PHYS 2212 | 3 |
| PHYS 2211L | 1 | PHYS 2212L | 1 |
| B1: ECON 1000 | 2 | PHYS 3011 | 2 |
| E1: POLS 1101 | 3 | C2: Arts&Culture of the World | 3 |
| B2: Cultural Perspectives | 3 | E4: Social Science | 3 |
| | | | |
| TOTAL SEMESTER CREDITS | 16 | TOTAL SEMESTER CREDITS | 16 |
| Year 3 - Fall (credits) | Credits | Year 3 - Spring (credits) | Credits |
| PHYS 3710 | 3 | PHYS 3210 | 3 |
| PHYS 3720L | 1 | PHYS 3220 | 3 |
| PHYS 3260 | 3 | PHYS 3410K | 2 |
| PHYS 3500K | 3 | Restricted Elective | 3 |
| MATH 2306 | 3 | Restricted Elective | 3 |
| E2: U.S. History | 3 | | |
| TOTAL SEMESTER CREDITS | 16 | TOTAL SEMESTER CREDITS | 14 |
| | | Apply for Double Owl Status | |

| Year 4 - Fall (credits) | Credits | Year 4 - Spring (credits) | Credits |
|-------------------------------|-----------|--|-----------|
| PHYS 4210 | 3 | PHYS 4410K | 2 |
| PHYS 4230 | 4 | PHYS 3110 or PHYS 4400 | 1 |
| PHYS 4270K | 3 | Restricted Elective | 3 |
| STAT 7020 | 3 | Restricted Elective | 3 |
| STAT 7100 | 3 | STAT 7210 | 3 |
| | | | |
| TOTAL SEMESTER CREDITS | 16 | TOTAL SEMESTER CREDITS | 12 |
| | | Apply to Graduate Program / Change to Graduate Status | |
| Year 5 - Fall (credits) | Credits | Year 5 - Spring (credits) | Credits |
| STAT 7010 | 3 | STAT 8210 | 3 |
| STAT 7xxxx Graduate Elective | 3 | STAT 8330 | 3 |
| STAT 8240 | 3 | STAT8120 | 3 |
| | | | |
| TOTAL SEMESTER CREDITS | 9 | TOTAL SEMESTER CREDITS | 9 |
| Year 6 - Fall (credits) | Credits | | |
| STAT 8250 | 3 | | |
| STAT 8940 | 3 | | |
| STAT 8918 Internship | 3 | | |
| | | | |
| TOTAL SEMESTER CREDITS | 9 | TOTAL SEMESTER CREDITS | |

PATHWAY TOTAL: $120 + 36 - 9$
147