



LONG RANGE PLAN

Name
A#
Career Goals

Major **PH - Physics**
Minor
Concentration

FA - Fall ONLY

SP - Spring ONLY

Credits Complete

| Fall | | 2025 | |
|--------------------------------------|-----|------|--|
| Course | ALL | 300+ | |
| MA 171/ Calculus I | 4 | | |
| EH 101/ College Writing I | 3 | | |
| PH 110/ Frontiers in Science /FA | 3 | | |
| HY History/ HY 103, 104, 221, or 222 | 3 | | |
| FYE 101S/ First Year Experience /FA | 1 | | |
| General Elective | 1 | | |
| semester total | 15 | 0 | |

| Spring | | 2026 | |
|--|-----|------|--|
| Course | ALL | 300+ | |
| MA 172/ Calculus II | 4 | | |
| EH 102/ College Writing II | 3 | | |
| PH 111 & 114/ Physics w/Calculus I + lab | 4 | | |
| HY History/ HY 103, 104, 221, or 222 | 3 | | |
| General Elective | 1 | | |
| semester total | 15 | 0 | |

| Summer | | 2026 | |
|----------------|-----|------|--|
| Course | ALL | 300+ | |
| semester total | 0 | 0 | |
| year total | 30 | 0 | |

| Fall | | 2026 | |
|---|-----|------|--|
| Course | ALL | 300+ | |
| MA 201/ Calculus III | 4 | | |
| PH 112 & 115/ Physics w/Calculus II + lab | 4 | | |
| CH 121 & 125/ General Chemistry I + lab | 4 | | |
| Social/Behavioral Science | 3 | | |
| semester total | 15 | 0 | |

| Spring | | 2027 | |
|--|-----|------|--|
| Course | ALL | 300+ | |
| MA 238/ Applied Differential Equations | 3 | | |
| PH 113 & 116/ Physics w/ Calculus III + lab | 4 | | |
| PH 251/ Special Relativity /SP | 1 | | |
| CH 123 & 126/ General Chemistry II + lab | 4 | | |
| EH Literature/EH 207, 208, 241, 242, 243, 244, 245, or 246 | 3 | | |
| semester total | 15 | 0 | |

| Summer | | 2027 | |
|----------------|-----|------|--|
| Course | ALL | 300+ | |
| semester total | 0 | 0 | |
| year total | 30 | 0 | |

| Fall | | 2027 | |
|--------------------------------------|-----|------|--|
| Course | ALL | 300+ | |
| MA 244/ Intro to Linear Algebra | 3 | | |
| PH 351/ Intro to Modern Physics /FA | 3 | 3 | |
| CS 104/ Intro to Python Programming | 3 | | |
| Social/Behavioral Science | 3 | | |
| General Elective 300+ or 400+ course | 3 | 3 | |
| semester total | 15 | 6 | |

| Spring | | 2028 | |
|--------------------------------------|-----|------|--|
| Course | ALL | 300+ | |
| PH 301/ Intermediate Mechanics /SP | 3 | 3 | |
| PH 305/ Math Methods in Physics /SP | 3 | 3 | |
| Fine Art | 3 | | |
| General Elective 300+ or 400+ course | 3 | 3 | |
| General Elective 300+ or 400+ course | 3 | 3 | |
| semester total | 15 | 12 | |

| Summer | | 2028 | |
|----------------|-----|------|--|
| Course | ALL | 300+ | |
| semester total | 0 | 0 | |
| year total | 30 | 18 | |

| Fall | | 2028 | |
|--------------------------------------|-----|------|--|
| Course | ALL | 300+ | |
| PH/OPT/AST 300+ or 400+ course | 3 | 3 | |
| PH/OPT/AST 300+ or 400+ course | 3 | 3 | |
| Non-Literature Humanity | 3 | | |
| General Elective 300+ or 400+ course | 3 | 3 | |
| General Elective | 3 | | |
| semester total | 15 | 9 | |

| Spring | | 2029 | |
|--|-----|------|--|
| Course | ALL | 300+ | |
| PH 499/ Physics Practicum | 3 | 3 | |
| PH/OPT/AST 300+ or 400+ course | 3 | 3 | |
| Humanities/2nd Fine Art/2nd Literature | 3 | | |
| General Elective 300+ or 400+ course | 3 | 3 | |
| General Elective | 3 | | |
| semester total | 15 | 9 | |

| Summer | | 2029 | |
|----------------|-----|------|--|
| Course | ALL | 300+ | |
| semester total | 0 | 0 | |
| year total | 30 | 18 | |

FA - Fall ONLY

SP - Spring ONLY

Grand Total 120 36
(120) (36)

Updated By: **Amazing Advisor**

Notes:

Charger Foundation (CF) & General Elective courses Classes that are required for graduation and easily shifted around other courses. Offered in every semester.

**Apply to graduate
by Sept 1st for Spring
by Feb 1st for Summer
by June 1st for Fall**

Graduation checklist and graduation application:
<https://www.uah.edu/realstrar/commencement/checklist>