

Physics BS Sample Plan (a possible four-year plan beginning with Calculus I)

| FALL # 1 | | | SPRING # 1 | | |
|-------------|--------------------------------|-------|-------------|-------------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 198 | Calculus I | 5 | MATH 263 | Calculus II | 5 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 263 | Calculus III | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| LSP courses | | x | MATH 365 | Differential Eqs | 3 |
| | | | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 320 | Electronics | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 351 | Modern Physics II | 3 | PHYS 386 | Classical Mechanics | 3 |
| PHYS 382 | Mathematical Physics | 3 | PHYS 446 | Advanced Lab | 3 |
| JINS | | 3 | LSP courses | | x |
| LSP courses | | x | | | |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 | | | SPRING # 4 | | |
| PHYS 486 | Thermo & Stat Mech | 3 | PHYS 445 | Capstone | 1 |
| PHYS 580 | Quantum Mechanics | 3 | PHYS 482 | Electricity & Magnetism | 3 |
| LSP courses | | x | PHYS 518 | Advanced Topics | 3 |
| | | | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |

Physics BS Sample Plan (a possible four-year plan beginning with Calculus II)

| FALL # 1 | | | SPRING # 1 | | |
|-------------|--------------------------------|-------|-------------|-------------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 263 | Calculus II | 5 | MATH 263 | Calculus III | 3 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 365 | Differential Eqs | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 320 | Electronics | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 351 | Modern Physics II | 3 | PHYS 386 | Classical Mechanics | 3 |
| PHYS 382 | Mathematical Physics | 3 | PHYS 446 | Advanced Lab | 3 |
| JINS | | 3 | LSP courses | | x |
| LSP courses | | x | | | |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 | | | SPRING # 4 | | |
| PHYS 486 | Thermo & Stat Mech | 3 | PHYS 445 | Capstone | 1 |
| PHYS 580 | Quantum Mechanics | 3 | PHYS 482 | Electricity & Magnetism | 3 |
| LSP courses | | x | PHYS 518 | Advanced Topics | 3 |
| | | | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |

Physics BA Sample Plan (a possible four-year plan beginning with Calculus I)

| FALL # 1 | | | SPRING # 1 | | |
|---------------|--------------------------------|-------|---------------|----------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 198 | Calculus I | 5 | MATH 263 | Calculus II | 5 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 263 | Calculus III | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| BA-Language | | 3 | MATH 365 | Differential Eqs | 3 |
| LSP courses | | x | BA-Language | | 3 |
| | TOTAL | 15-17 | LSP courses | | x |
| | | | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 351 | Modern Physics II | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 382 | Mathematical Physics | 3 | PHYS Elective | PHYS 446? | 3 |
| PHYS Elective | PHYS 320? | 3 | PHYS Elective | | 3 |
| JINS | | 3 | BA | Learning Plan (1) | x |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 | | | SPRING # 4 | | |
| BA | Learning Plan (2) | 3 | PHYS 445 | Capstone | 1 |
| BA | Learning Plan (3) | 3 | BA | Learning Plan (4) | 3 |
| LSP courses | | x | BA | Learning Plan (5) | 3 |
| | TOTAL | 12-15 | LSP courses | | x |
| | | | | TOTAL | 12-15 |

Physics BA Sample Plan (a possible four-year plan beginning with Calculus II)

| FALL # 1 | | | SPRING # 1 | | |
|---------------|--------------------------------|-------|---------------|----------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 263 | Calculus II | 5 | MATH 263 | Calculus III | 3 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 365 | Differential Eqs | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| BA-Language | | 3 | BA-Language | | 3 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 351 | Modern Physics II | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 382 | Mathematical Physics | 3 | PHYS 445 | Capstone | 1 |
| PHYS Elective | PHYS 320? | 3 | PHYS Elective | | 3 |
| JINS | | 3 | LSP courses | | x |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 | | | SPRING # 4 | | |
| BA | Learning Plan (2) | 3 | PHYS 445 | Capstone | 1 |
| BA | Learning Plan (3) | 3 | BA | Learning Plan (4) | 3 |
| LSP courses | | x | BA | Learning Plan (5) | 3 |
| | | | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |

Dual Physics BA Sample Plan (four-year plan beginning with Calculus I)

| FALL # 1 | | | SPRING # 1 | | |
|---------------------------------|-----------------------------------|-------|-------------|----------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 198 | Calculus I | 5 | MATH 263 | Calculus II | 5 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 263 | Calculus III | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| BA-Language | | 3 | MATH 365 | Differential Eqs | 3 |
| LSP courses | | x | BA-Language | | 3 |
| | | | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 351 | Modern Physics II | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 382 | Mathematical Physics | 3 | PHYS 445 | Capstone | 3 |
| JINS | | 3 | | | |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 & Spring #4 | | | | | |
| BA | Learning Plan Engineering Courses | | | | 15 |
| BA | Physics Electives | | | | 6 |
| | TOTAL Transfer Back | | | | 21 |

Dual Physics BA Sample Plan (four-year plan beginning with Calculus II)

| FALL # 1 | | | SPRING # 1 | | |
|---------------------------------|-----------------------------------|-------|-------------|----------------------|-------|
| PHYS 145 | Topics in Contemporary Physics | 2 | PHYS 195 | Physics I | 5 |
| MATH 263 | Calculus II | 5 | MATH 263 | Calculus III | 3 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 2 | | | SPRING # 2 | | |
| PHYS 195 | Physics II | 5 | PHYS 250 | Modern Physics I | 3 |
| MATH 365 | Differential Eqs | 3 | PHYS 275 | Vibrations and Waves | 3 |
| STAT 290 | Statistics | 3 | PHYS 310 | Intermediate Lab | 2 |
| BA-Language | | 3 | BA-Language | | 3 |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 15-17 | | TOTAL | 15-17 |
| FALL # 3 | | | SPRING # 3 | | |
| PHYS 351 | Modern Physics II | 3 | PHYS 345 | Junior Seminar | 1 |
| PHYS 382 | Mathematical Physics | 3 | PHYS 445 | Capstone | 1 |
| JINS | | 3 | | | |
| LSP courses | | x | LSP courses | | x |
| | TOTAL | 12-15 | | TOTAL | 12-15 |
| FALL # 4 & Spring #4 | | | | | |
| BA | Learning Plan Engineering Courses | | | | 15 |
| BA | Physics Electives | | | | 6 |
| | TOTAL Transfer Back | | | | 21 |