

Summary of Physics Major Options

Option	Liberal Arts Major	Comprehensive Major	Astro-physics Emphasis	Teaching Emphasis	Environmental Emphasis	Geophysics Emphasis	Chemistry/ Materials Science Emphasis	Computational Physics Emphasis
REQUIRED	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 or 362 PC 450 +3 physics electives (262 or higher)	MA 126 & 129 MA 204 MA 220 PC 241 & 242 PC 251 PC 261 PC 361 or 362 PC 450 PC 311 PC 341 PC 349 PC 353 PC 441 +1 physics elective (262 or higher)	MA 126 & 129 MA 204 MA 220 PC 241 & 242 PC 251 PC 261 PC 361 PC 362 PC 450 PC 311 PC 341 PC 349 PC 357 PC 358 PC 441	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 PC 450 ED 100 ED 120 +2 lab-based intros in biology, chemistry, or geology	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 or 362 PC 450 or EV 490 taken with EV 420 or EV421 or EV499 +2 physics electives (262 or higher; see recommended choices below) EV 141 EV policy class PC/EV 431 EV science class (rec EV 212 or EV315)	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 PC 450 +3 physics electives (262 or higher; see recommended choices below) GY 130 or 140 GY 308 +2 of these 3: GY 240, GY 315, GY 320	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 or 362 PC 450 +3 physics electives (262 or higher; see recommended choices below) CH 107 CH 108 CH 366 CH 367	MA 126 & 129 MA 204 PC 241 & 242 PC 251 PC 261 PC 361 or 362 PC 450 PC 253 +2 physics electives (262 or higher; see recommended choices below) CP 122 CP 222 CP 274 CP 275

Option	Liberal Arts Major	Comprehensive Major	Astro-physics Emphasis	Teaching Emphasis	Environmental Emphasis	Geophysics Emphasis	Chemistry/ Materials Science Emphasis	Computational Physics Emphasis
RECOMMENDED	Additional advanced physics or math courses.	PC 354 PC 442 PC 420 PC 253 CP 122 One or more summer research programs	PC 442 PC 353 PC 354 PC 420 PC 253 One or more summer research programs	PC 133 Additional education courses, such as ED 203 or 275 (ED 275 is particularly useful for those interested in Teach for America)	PC 333 PC 341 PC 349 PC 354 EV 128 EV 212 EV 311 MA218/EV228 MA 220 MA 315 Intro courses in biology, chemistry, or geology One or more summer research programs	PC 333 PC 341 PC 349 PC 354 Additional advanced physics, geology, or math courses, esp. MA 313, MA 220, MA 316, MA 318 CP 122 CH 107 One or more summer research programs	PC 333 PC 349 PC 354 PC 441 PC 442 CH 241 CH 250 Additional advanced physics, chemistry, or math courses Additional lab work One or more summer research programs	PC 341 PC 349 PC 353 PC 441 PC 442 CP 344 CP 360 CP 407 MA 201 MA 220 MA 251 One or more summer research programs

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