

Sample Plans for Physics Majors (Also see *Tracks* and *Important Notes* in next tabs.)

Courses in colored italic font are either required for some tracks or are one of several electives for other tracks.

Students starting MATH 19 and PHYSICS Autumn Quarter Frosh Year

	Autumn	Winter	Spring
Frosh	PHYS 59 PHYS 21 MATH 19	PHYS 23 MATH 20	MATH 21
Sophomore	PHYS 45 & 46 OR PHYS 61 & 62 MATH 51	PHYS 41 & 42 OR PHYS 63 & 64 MATH 52	PHYS 43 & 67 OR PHYS 65 & 67 PHYS 91SI (if planning summer research) MATH 53
Junior	PHYS 70 (students who took 40 series) <i>PHYS 105 (possible practicum: tracks 1,3,5,6,7,8)</i> PHYS 111	PHYS 120 PHYS 130 Math elective (could be taken later quarter)	PHYS 121 <i>PHYS 131 (see tracks 1,2,3,5,6,8)</i>
Senior	PHYS 170 <i>PHYS 110 (see all tracks)</i> <i>PHYS 134 (see track 8)</i>	PHYS 191 or other WIM <i>PHYS 171 (see tracks 1,2,3,5,6,8)</i>	<i>Practicum (all tracks)</i> <i>PHYS 100 (track 2)</i> <i>or PHYS 108</i> <i>or PHYS 113 (track 4)</i>

Students starting MATH 19 Autumn Quarter and PHYSICS Winter Quarter Frosh Year

	Autumn	Winter	Spring
Frosh	PHYS 59 MATH 19	PHYS 41E & 42 MATH 20	MATH 21
Sophomore	PHYS 45 & 46 OR PHYS 61 & 62 MATH 51	Take PHYS 43 & 67 Spring Quarter OR PHYS 63 & 64 MATH 52	PHYS 43 & 67 OR PHYS 65 & 67 PHYS 91SI (if planning summer research) MATH 53
Junior	PHYS 70 (students who took 40 series) <i>PHYS 105 (possible practicum: tracks 1,3,5,6,7,8)</i> PHYS 111	PHYS 120 PHYS 130 Math elective (could be taken later quarter)	PHYS 121 <i>PHYS 131 (see tracks 1,2,3,5,6,8)</i>
Senior	PHYS 170 <i>PHYS 110 (see all tracks)</i> <i>PHYS 134 (see track 8)</i>	PHYS 191 or other WIM <i>PHYS 171 (see tracks 1,2,3,5,6,8)</i>	<i>Practicum (all tracks)</i> <i>PHYS 100 (track 2)</i> <i>or PHYS 108</i> <i>or PHYS 113 (track 4)</i>

Students starting MATH 20 Autumn Quarter and PHYSICS Winter Quarter Frosh Year

	Autumn	Winter	Spring
Frosh	PHYS 59 MATH 20	PHYS 41 & 42 (OR 41E & 42) MATH 21	PHYS 43 & 67 MATH 51
Sophomore	PHYS 45 & 46 and PHYS 70 OR PHYS 61 MATH 53	PHYS 63 (if PHYS 61 taken previous quarter) MATH 131P or take PHYS 111 autumn junior year MATH 52	PHYS 65 (if PHYS 63 taken previous quarter) PHYS 91SI (if planning summer research) Math elective (could be taken later quarter)
Junior	<i>PHYS 105 (possible practicum: tracks 1,3,5,6,7,8)</i> If MATH 131P not taken, then PHYS 111	PHYS 120 PHYS 130	PHYS 121 <i>PHYS 131 (see tracks 1,2,3,5,6,8)</i>
Senior	PHYS 170 <i>PHYS 110 (see all tracks)</i> <i>PHYS 134 (see track 8)</i>	PHYS 191 or other WIM <i>PHYS 171 (see tracks 1,2,3,5,6,8)</i>	<i>Practicum (all tracks)</i> <i>PHYS 100 (track 2)</i> <i>or PHYS 108</i> <i>or PHYS 113 (track 4)</i>

Students starting MATH 21 Autumn Quarter and PHYSICS Winter Quarter Frosh Year

	Autumn	Winter	Spring
Frosh	PHYS 59 MATH 21	PHYS 41 & 42 (OR 41E & 42) MATH 51	PHYS 43 & 67 MATH 52
Sophomore	PHYS 45 & 46 PHYS 70 MATH 53	PHYS 120 MATH 131P	PHYS 91SI (if planning summer research) PHYS 121 Math elective (could be taken later quarter)
Junior	<i>PHYS 105 (possible practicum: tracks 1,3,5,6,7,8)</i>	PHYS 130	<i>PHYS 131 (see tracks 1,2,3,5,6,8)</i>
Senior	PHYS 170 <i>PHYS 110 (see all tracks)</i> <i>PHYS 134 (see track 8)</i>	PHYS 191 or other WIM <i>PHYS 171 (see tracks 1,2,3,5,6,8)</i>	<i>Practicum (all tracks)</i> <i>PHYS 100 (track 2)</i> <i>or PHYS 108</i> <i>or PHYS 113 (track 4)</i>

Students starting MATH 51 or 61 Autumn Quarter and PHYSICS Winter Quarter Frosh Year

	Autumn	Winter	Spring
Frosh	PHYS 59 MATH 51 or 61CM or 61DM	PHYS 41 & 42 MATH 52 or 62CM	PHYS 43 & 67 MATH 53 or 63CM
Sophomore	PHYS 45 & 46 PHYS 70 PHYS 111	PHYS 120 If PHYS 111 not taken, then MATH 131P or 173 Else Math elective (could be taken later quarter)	PHYS 121 PHYS 91SI (if planning summer research)

