

15 May 2014

TO: The Prospective Undergraduate Student in Physics

SUBJECT: Bachelor of Science (BS) in Physics Roadmap

This roadmap is designed to guide you, the undergraduate physics major, to successful completion of the degree requirements for a Bachelor of Science in Physics at UAF. The requirements laid out in this roadmap are for the “typical” student seeking a BS in Physics, so it is important that you meet with your advisor in the Physics Department to ensure that your personal roadmap is tailored to your needs (e.g.: electives, transfer credits, dual majors, etc.). Additionally, the department offers various concentrations within the degree, so some specialization within the roadmap is expected and should be coordinated with your advisor. The expected time to degree completion, as depicted in this roadmap, is four years; however, individual programs may vary depending upon your background preparation, especially in mathematics.

The Physics Department approved this roadmap at its regular 15 May 2014 meeting.



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Physics B.S. Program Sequence

Year 1: (assumes completion of MATH 200 "Calculus I" before starting)			
	Fall: PHYS 211 MATH 201 ENGL 111	Spring: PHYS 212 MATH 202 COMM 131/141	
Year 2:			
	Fall: PHYS 213 ENGL 213/211	Spring: PHYS 220 PHYS 301	
Year 3:			
	Fall: PHYS 341 PHYS 381	Spring: PHYS 342 PHYS 351 (possible: 1 or more PHYS 471/472 modules)	
Year 4:			
	Fall: PHYS 343 PHYS 421 PHYS 471/472 (1 or more modules, 6 total req'd)	Spring: PHYS 462 PHYS 451 PHYS 471/472 (1 or more modules, 6 total req'd)	

To prepare for graduate study, strongly recommended in Year 3 or Year 4: MATH 421 and MATH 422

PHYSICS B.S. Dependency Chart

