Revised 3/4/13 91-UPCh. FORMAT 5 copy to fysenat@uaf.edu) PROGRAM/DEGREE REQUIREMENT CHANGE (MAJOR/MINOR) SUBMITTED BY: Department College/School **Physics CNSM** Prepared by Danata Wackarhanar

Α. Complete the general university requirements. Complete the **B.A.** degree requirements. В. C. Complete the following program (major) requirements: Complete the following:* PHYS F211X--General Physics--4 D. credits□PHYS F212X--General Physics--4 credits□PHYS F213X--Elementary Modern Physics--4 credits□PHYS F301--Introduction to Mathematical Physics--4 credits□PHYS approved electives--20 credits E. Complete the following: ☐MATH F200X--Calculus I**--4 credits□MATH F201X--Calculus II**--4 credits□MATH F202X-

Major -- B.A. Degree

Requirements for physics teachers (grades 7 - 12) Α. Complete all the requirements of the B.A. or B.S. degree. В. All prospective physics teachers must complete the

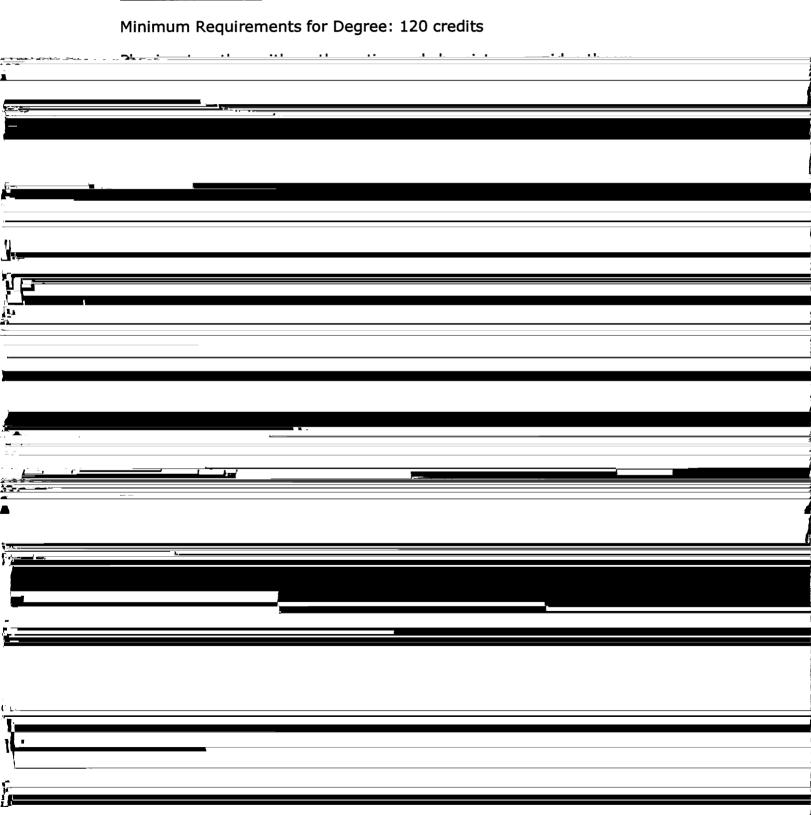
and F308.

Physics

College of Natural Science and Mathematics Department of Physics 907-474-7339 www.uaf.edu/physics/

B.S. DEGREE; MINOR

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credits PHYS F342--Classical Physics II: Electricity and Magnetism--4_credits F200X--Calculus I**--4 credits MATH F201X--Calculus II**--4 credits MATH F202X--Calculus IJJ--4 credits 5. Complete one of the following options Option I -- Physics Complete MATH electives at the F300-level or above ***-- 6 credits a. Complete the following:* PHYS F313--Thermodynamics and b. Statistical Physics--4 credits PHYS F343--Classical Physics III: Vibration and Waves--4 credits PHYS F381W,O--Physics

Option V -- Technical Management

a. <u>Complete mathematics electives at the F300-level or above*** --3 credits</u>

credits

- c.Complete physics credits at the F300-level or above*--12 credits
- d. Complete the following*****. ACCT F261, F262--Accounting
 Concepts and Uses--6 credits BA F325--Financial Management#--3
 credits BA F330--The Legal Environment of Business#--3 credits
 BA F343--Principles of Marketing#--3 credits BA F360--Operations
 Management#--3 credits BA F390--Organizational Theory and
 Behavior#--3 credits
- e. Minimum credits required--120 credits
- * Students must earn a C grade (2.0) or better in each course.
- ** Satisfies core curriculum or B.S. degree requirements, but not both.

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Note: We strongly recommend that prospective secondary science teachers seek advising from the UAF School of Education early in your undergraduate degree program, so that you can be appropriately advised of the state of Alaska requirements for teacher licensure. You will apply for admission to the UAF School of Education's post-baccalaureate teacher preparation program, a one-year intensive program, during your senior year.

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- 2. PHYS F211X--General Physics I--4 credits PHYS
 F212X--General Physics II--4 credits PHYS F213X--Elementary
 Modern Physics--4 credits Physics electives at the F300 F400-level--8 credits
- 3. Minimum credits required--20 credits

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