

PHYSICS DEGREE PROGRAM - Check Sheet

NAME _____

I. Institutional Graduation Requirements

_____ Complete a minimum of 180 credit hours. Up to 120 credit hours of lower division transfer course work may be applied to the degree.

_____ Earn an Eastern GPA of at least 2.000 and a composite GPA of 2.000. A transfer GPA and the Eastern GPA are combined at the time of graduation.

_____ Complete a minimum of 60 credit hours of upper -division coursework (300-400 level).

_____ Complete all requirements in the major, including at least 35 credit hours, 25 of which must be 300 or 400 level courses. Of these, a minimum of 20 must be from EOU of which 10 must be upper division.

_____ Complete a minimum of 45 credit hours from EOU of which 30 must be upper division.

_____ A maximum of 90 credit hours in one discipline may be applied to the B.S. or the B.A. degree.

_____ Complete a minimum 3-credit college-level math/statistics course (see catalog for details).

_____ Complete college-level foreign language requirement for B.A. (see catalog)

_____ Complete General Education Core with a C- or better. (Minimum of 60 credits, see catalog)

University Writing Requirement: (Must complete UWR with a C- or better)

_____ Complete first-year writing courses as required by placement test: _____

_____ Complete one lower division UWR writing intensive course as identified by each major: _____

_____ Complete two upper division UWR writing intensive courses as identified by each major: _____ and _____

_____ Up to 12 credit hours in PE activity courses, up to 12 credit hours in music activity courses, and up to 12 credit hours in INTACT courses (Music majors may exceed the MUS limitation).

_____ Up to 45 credit hours of practicum coursework may be applied to the degree.

Graduation Application filed _____.

May apply for graduation as early as one year in advance by submitting an application for graduation to the Registrar's Office. The deadline for submitting an application for graduation is the second Friday of the term prior to the expected graduation date.

Advisor _____

Date _____

II. Program Requirements - Grade of C- or better in each course.

A. REQUIRED COURSES - PHYSICS

COURSE #	TITLE	Hrs	Gr.
PHYS 221	Gen Physics w/Calculus	5	
PHYS 222	Gen Physics w/Calculus	5	
PHYS 223 *	Gen Physics w/Calculus	5	
PHYS 321	Waves and Quantum Theory	5	
PHYS 322	Waves and Quantum Theory	5	
PHYS 343	Experimental Techniques	5	
PHYS 344	Experimental Techniques	5	
PHYS 345	Experimental Techniques	5	
PHYS 441 *	Theoretical Physics	5	
PHYS 442	Theoretical Physics	5	
PHYS 443	Theoretical Physics	5	
PHYS 490 *	Physics: History & Philosophy	2	
PHYS 491	Physics: Capstone Seminar	1	

B. REQUIRED COURSES - OTHER

COURSE #	TITLE	Hrs	Gr.
CHEM 204	General Chemistry	5	
CHEM 205	General Chemistry	5	
CHEM 206	General Chemistry	5	
CHEM 440	Thermodynamics	5	
MATH 251	Calculus	4	
MATH 252	Calculus	4	
MATH 253	Calculus	4	
MATH 254	Calculus	4	
MATH 321	Differential Equations	5	
CS 161	Foundations of CS I	4	

C. RECOMMENDED ELECTIVES AND OTHER ELECTIVES

MATH 261	Linear Algebra	3	
MATH 322	Fourier Analysis	3	
MATH 417	Complex Variables	3	
CHEM 421	Instrumental Analysis	5	
CHEM 442	Chemical Dynamics	5	
PHYS 401	Research	1-15	

*meets UWR