

2009/10 Bachelor of Science Junior Audit for

College of Arts & Sciences

205 Administration Building

419-372-2015

**Physics
Applied Physics Specialization**

Physics & Astronomy

104 Overman Hall

419-372-2421

Name _____ BGSU ID _____

Return Address _____

Phone Number _____ Expected Date of Graduation _____

BG Perspective Requirements: 2 Natural Sciences _____, 2 Social Sciences _____,
 2 Arts & Humanities _____, International Perspective _____, Cultural Diversity _____,
 GSW 1120 _____
These courses may apply toward the requirements listed below

I. English Composition (Only 6 hours GSW 1100, 1110, 1120

will apply towards graduation)

Hrs	Grade	
_____	_____	GSW 1100/1110
_____	_____	GSW 1120

II. Foreign Language (_____ yrs HS _____)

(Courses used for the foreign language requirement may not be used for major or minor requirements)

_____	_____	1010 _____
_____	_____	1020 _____
_____	_____	2010 _____
_____	_____	2020/2120 _____

III. Science & Math

45 hours in 2 or more areas including major and lab science sequence

_____	_____	MATH 1310 or 1340 & 1350
_____	_____	PHYS 2110 University Physics I
_____	_____	PHYS 2120 University Physics II
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Social Sciences

Choose 4 courses

_____	_____	_____
_____	_____	_____
_____	_____	_____

V. Arts & Humanities

4 courses, at least 1 literature and 1 fine art

_____	_____	Literature _____
_____	_____	Fine Arts _____
_____	_____	_____
_____	_____	_____

Major Requirements (40-42 hours)

Hrs	Grade	
_____	_____	PHYS 2110 University Physics I
_____	_____	PHYS 2120 University Physics II
_____	_____	PHYS 3010 Modern Physics
_____	_____	PHYS 3020 Thermal Physics & Optics
_____	_____	PHYS 3030 Electronics
_____	_____	PHYS 3090 Atomic & Nuclear Physics
_____	_____	PHYS 3110 Modern Physics Laboratory
_____	_____	PHYS 3120 Thermal Physics & Optics Lab
_____	_____	PHYS 4010 Methods of Math. & Comp. Phys.
_____	_____	PHYS 4100 Solid State Physics
_____	_____	PHYS 4160 Classical Mechanics
_____	_____	PHYS 4170 Quantum Mechanics
_____	_____	PHYS 4180 Electricity & Magnetism
_____	_____	PHYS 4290 Topics in Microelectronics

Additional Requirements

_____	_____	CS 1010 Intro to Programming
_____	_____	CS 2010 Adv Programming Concepts I
_____	_____	CHEM 1250 General Chemistry
_____	_____	CHEM 1250L General Chemistry Lab
_____	_____	CHEM 1270 General Chemistry
_____	_____	CHEM 1280 General Chemistry Lab
_____	_____	ENGT 2400 Statics and Strength of Materials
_____	_____	MATH 1310 Calculus & Analytic Geometry
_____	_____	MATH 2320 Calculus & Analytic Geometry II
_____	_____	MATH 2330 Calculus & Analytic Geometry III

Electives and Non-Credit Courses

_____	_____	_____
_____	_____	_____
_____	_____	_____

It is strongly recommended that a student majoring in physics take the following:

MATH 3320 (3)

Note important information on other side

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INSTRUCTIONS:

The check sheet on the other side of this page must be completed, signed by your *Faculty Advisor* and returned to the College Office during your *junior* year (60-89 hrs.). Your academic records will be reviewed by a *College Advisor* and a detailed notice of remaining graduation requirements will be returned to you. Lists of the courses that meet the degree requirements may be obtained from the College Office.

FOR GRADUATION YOU WILL NEED

1. Minimum GPA 2.00
2. 122 credit hours minimum, and,
3. A major, and if required, a minor, specialization or emphasis
4. 40 credit hours at the 3000/4000 level
5. Completion of all degree requirements, including the BG Perspective Core
6. At least 30 credit hours of BGSU course work
7. An official audit completed during the junior year, on file in the College Office

Any substitution or waiver of courses required for your major program *must* originate in the department/school offering the major program and *must* be approved by the College Office.

To ensure a timely graduation, see a *College Advisor* during the semester prior to your intended graduation.

Remember to complete an *Application for Graduation* by the end of the second week of classes during the fall and spring semesters, or by the end of the first week of the summer semester. For the specific dates, check with the College office or the Office of Registration and Records. You may log onto *MyBGSU* to complete the on-line application. After the deadlines, you will need to complete an application in person in the College office.

Faculty Advisor's Signature

Date

Student's Signature

Date