

# PHYSICS CHECKLIST

## MAJOR: PHYSICS (B.S.): Applied Physics Option

NAME: _____
SS# _____ Cat Yr _____
Advisor _____ Yr Graduate _____
Home Address/Phone _____
Local Address/Phone _____

### Major Requirements (59 sem. hrs.)

	Grade	Sem Taken	
PHY 1351G (1391G) ..	____/____	_____	.....(3 SH; F,S) .....General Physics I
PHY 1352G (1392G) ...	____/____	_____	.....(1 SH; F,S) .....General Physics Lab I
PHY 1361 .....	____/____	_____	.....(3 SH; F,S) .....General Physics II
PHY 1362 .....	____/____	_____	.....(1 SH; F,S) .....General Physics Lab II
PHY 1371 .....	____/____	_____	.....(3 SH; F,S) .....General Physics III
PHY 1372 .....	____/____	_____	.....(1 SH; F,S) .....General Physics Lab III
PHY 2390 .....	____/____	_____	.....(3 SH; F) .....Classical Mechanics I
PHY 3080 .....	____/____	_____	.....(3 SH; S) .....Modern Physics I
PHY 3150 .....	____/____	_____	.....(4 SH; F) .....Electronics
PHY 4470.....	____/____	_____	.....(4 SH; F odd) ....Optics
PHY 4710 .....	____/____	_____	.....(1 SH; F,S) .....Experimental Lab - Radiation Lab
PHY 4710 .....	____/____	_____	.....(1 SH; F,S) .....Experimental Lab – 2 <sup>nd</sup> time
CHM 1310G.....	____/____	_____	.....(3 SH; F,S) .....General Chemistry I
CHM 1315G.....	____/____	_____	.....(1 SH; F,S) .....General Chemistry Lab I
CHM 1410 .....	____/____	_____	.....(3 SH; F,S) .....General Chemistry II
CHM 1415 .....	____/____	_____	.....(1 SH; F,S) .....General Chemistry Lab II
ESC 3010 .....	____/____	_____	.....(3 SH; F,S) .....Environmental Physical Science
MAT 1441G (1440G) ..	____/____	_____	.....(5(4) SH; F,S)....Calculus I
MAT 2170.....	____/____	_____	.....(3 SH; F,S) .....Computer Science
MAT 2442.....	____/____	_____	.....(5 SH; F,S) .....Calculus II
MAT 2443.....	____/____	_____	.....(4 SH; F,S) .....Calculus III
MAT 3501.....	____/____	_____	.....(3 SH; F,S) .....Differential Equations I

## Graduation Requirements

- |  |   |
|--|---|
| _____ 120 Semester hours (SH)                                    | _____ 42 SH in residence at EIU                       |
| _____ 2.00 Cumulative GPA  | _____ 32 SH Junior-Senior Residency                   |
| _____ 2.00 Major GPA   | _____ 12 SH senior residency                          |
|  | _____ 56 SH at senior institution (Transfer students) |
| _____ 40 SH of upper division courses (3000-4000)                |   |
| _____ Senior Seminar (after completion of 75 hours)              |   |
| _____ Cultural Diversity (designated with an * in catalog)       |   |
| _____ Application for degree. (Apply for graduation after 60 SH) |   |

## Electronic Writing Portfolio

Information about the Electronic Writing Portfolio is available at <http://www.eiu.edu/~assess/ewpmain.php>.

**Foreign Language** (0-8 SH) Exempt? Yes / No  
Exemption? Two years in a single foreign language in high school with an average grade of C or better.

Course	Sem. Hrs	Grade	Sem Taken
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			

## **Senior Seminar (3 semester hours)**

Taken after student has completed 75 hours.

Course	Sem. Hrs	Grade	Sem Taken
_____ / _____ / _____			

---

## **General Ed. Requirements**

A student transferring to Eastern Illinois University who has received an Associate in Art (AA), an Associate in Science (AS) or an Associate in Science and Arts (ASA) degree from an Illinois public community college, Lincoln College, or Springfield College in Illinois, is considered as having:

- Junior status
- A minimum of 60 semester hours of transfer credit accepted
- The cultural diversity, and the constitution requirements automatically waived
- Lower division general education requirements met

All students will still have to complete [Eastern's graduation requirements](#)

## **Humanities & Fine Arts (9 semester hours)**

Student must successfully complete at least one course from humanities and one from fine arts, from at least two different disciplines.

Course	Sem. Hrs	Grade	Sem Taken
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			

## **Mathematics (3 semester hours)**

This requirement is met with major requirements

## **Language (9 semester hours)** Grade of C or better

	Grade	Sem Taken
ENG 1001G (1091G) 3sh	/ _____ / _____	
ENG 1002G (1092G) 3 sh	/ _____ / _____	
CMN 1310G (1391G) 3 sh	/ _____ / _____	

## **Scientific Awareness (7 semester hours)**

Only need to take a Biological Science course the rest is fulfilled by the major.

Course	Sem. Hrs	Grade	Sem Taken
_____ / _____ / _____ / _____			

## **Social & Behavioral Sciences (9 sem. hrs.)**

Courses must be selected from two different disciplines.

Course	Sem. Hrs	Grade	Sem Taken
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			
_____ / _____ / _____ / _____			