

# PHYSICS CHECKLIST

## MAJOR: Science with Teacher Licensure (B.S.): Physics Specialization

NAME: _____
E# _____ Catalog Yr _____
Advisor _____ Yr Graduate _____
Home Address/Phone _____
Local Address/Phone _____

### Major Requirements (70 sem. hrs.)

	Grade	Sem Taken	
PHY 1351G (1391G) ..	____/____	.....	(3 SH; F) .....General Physics I
PHY 1352G (1392G) ...	____/____	.....	(1 SH; F) .....General Physics Lab I
PHY 1361 .....	____/____	.....	(3 SH; S) .....General Physics II
PHY 1362 .....	____/____	.....	(1 SH; S) .....General Physics Lab II
PHY 1371 .....	____/____	.....	(3 SH; F) .....General Physics III
PHY 1372 .....	____/____	.....	(1 SH; F) .....General Physics Lab III
PHY 3150 .....	____/____	.....	(4 SH; F) .....Electronics
PHY 3500.....	____/____	.....	(1 SH; F, S) .....Laboratory Practicum
PHY 4000 .....	____/____	.....	(1 SH; F) .....Seminar
PHY 4470.....	____/____	.....	(4 SH; F even)...Optics
BIO 1500.....	____/____	.....	(4 SH; F, S) .....General Biology I
BIO 1550G.....	____/____	.....	(4 SH; F, S) .....General Biology II
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
CHM 2730 .....	____/____	.....	(3 SH; F, S) .....Quantitative Analysis
CHM 3100 .....	____/____	.....	(1 SH; F, S) .....Practicum in Chemistry
GEO 1300G .....	____/____	.....	(4 SH).....Introduction to Earth Science
GEO 1400G .....	____/____	.....	(4 SH; F, S) .....Weather and Climate
GEO 2450G .....	____/____	.....	(3 SH).....Oceanography
MAT 1441G .....	____/____	.....	(5 SH; F, S) .....Calculus I
MAT 2442.....	____/____	.....	(5 SH; F, S) .....Calculus II
MAT 2443.....	____/____	.....	(4 SH; F, S) .....Calculus III
PHS 3400 .....	____/____	.....	(3 SH, F).....Methods of Teaching Physical Sci.

### Teacher Licensure Program Courses - Regular Program Courses (37 sem. hrs.)

SED 2000	____/____	(2 SH) Inquiry into Teaching
PLS 1153G or HIS 3600G	____/____	(3 SH; F, S) US Constitution
EDF 2555G	____/____	(3 SH; F, S) Ed in a Diverse Society
EDP 2330	____/____	(3 SH; F, S) Educational Psychology
SED 3330	____/____	(4 SH; F, S) Instr. Tasks in Sec. Sch
EDF 4550	____/____	(3 SH) Critical Focus on Ed
SED 4330	____/____	(3 SH; F, S) Literacy, Assess. and Diff.
SPE 4500	____/____	(3 SH) Ed Individ. w/ Exceptionalities
STG 4000	____/____	(1 SH) Multicult/Disabilities Pract.
STG 4001	____/____	(12 SH) Student Teaching

Check with Student Teaching on current requirements.

## Graduation Requirements

- |  |   |
|--|---|
| _____ 120 Semester hours (SH)                                    | _____ 42 SH in residence at EIU                       |
| _____ 2.65 Cumulative GPA  | _____ 32 SH Junior-Senior Residency                   |
| _____ 2.65 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) |   |

All students graduating with a teacher education major must earn a grade of "C" or better in all courses used toward graduation.

## 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 Education 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) 3 sh	_____	_____
ENG 1002G (1092G) 3 sh	_____	_____
CMN 1310G (1391G) 3 sh	_____	_____

### Scientific Awareness (7 semester hours)

This requirement is met with major requirements.

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

Must include PLS 1153G or HIS 3600G or equivalent US Constitution course.

Course	Sem. Hrs	Grade	Sem Taken
US Constitution/	3 sh	_____	_____
EDF 2555G/	3 sh	_____	_____
_____	_____	_____	_____