

PHYSICS CHECKLIST

MAJOR: Engineering (B.S.)

3-2 Program

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

Major Requirements (56 sem hrs plus Gen Ed plus 2 years completing Engineering degree elsewhere)

	Grade	Sem Taken	
PHY 1001.....	_____ / _____	(1 SH; S).....Intro to Physics & Engineering
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 2390.....	_____ / _____	(3 SH; F)Statics
PHY 2450.....	_____ / _____	(3 SH; S)Classical Dynamics
PHY 3150.....	_____ / _____	(4 SH; F)Electronics
PHY 4000.....	_____ / _____	(1 SH; F)Seminar in Physics
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
CSM 2170.....	_____ / _____	(4 SH; F, S)Computer Science I
EEN 1100.....	_____ / _____	(3 SH; S).....Introduction to Logic Design
EEN 1101.....	_____ / _____	(1 SH; S).....Introduction to Logic Design Lab
MAT 1441G	_____ / _____	(5 SH; F, S)Calculus I
MAT 2442.....	_____ / _____	(5 SH; F, S)Calculus II
MAT 2443.....	_____ / _____	(4 SH; F, S)Calculus III
MAT 3501.....	_____ / _____	(3 SH; S)Differential Equations I

Recommended Courses (may be required for some Engineering programs)

EGT 2043.....	_____ / _____	(3 SH; S).....Computer Aided Engineering Drawing
ECN 2801G.....	_____ / _____	(3 SH; F, S).....Principles of Macroeconomics

Electives to Complete Total Number of EIU Semester Hours which is 90 SH

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 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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

We highly recommend that you log into PAWS and do a DegreeWorks audit to help determine what classes are needed for graduation!

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)

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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____