



Physics

Advising Worksheet

2014-2015

Name:		ID#:
Major:		Minor:
Major Advisor:		
Date	Notes	
Discussion Points:		
3.0 GPA	<i>Courses requiring C- or better:</i>	
Basic Skills Testing: 22 on ACT Plus Writing, 1030 on the SAT or pass the TAP (Test of Academic Proficiency).	College Writing (LSFY-101 or equivalent)*	
	PSYC-214	
Content & APT Tests (Max 5x)		
Augie Choice: Study Abroad or Student Teaching		
Endorsements	ISBE Rule – no grade below a C in any required courses.	
Program Evaluation	All EDUC courses* (not more than 2 below B-)	
edTPA – required for licensure starting 2015-2016 Cost = \$300	*If the grade is below B-, a plan of improvement is required.	

Major for Teaching Physics (ADPH – EDPH)

*Illinois certification qualifies teaching in Physics, Biology, Chemistry,
Earth & Space Science and Environmental Science,
but only Physics at the honors or AP level.*

Required Courses			
Course Number	Course Name		Credits
PHYS-201PN,I	Basic Physics I		3
PHYS-202PN,I	Basic Physics II		3
PHYS-203	Basic Physics III		3
PHYS-220	Intro. to Scientific Research & Engineering		1
PHYS-301	Introduction to Modern Physics		3
PHYS-308	Electronic Circuits		3
PHYS-313	Thermodynamics		3
PHYS-320	Mechanics I		3
PHYS-350	Advanced Laboratory I		1
PHYS-351	Advanced Laboratory II		1
PHYS-352	Advanced Laboratory III		1
PHYS-360	Optics		3
Total Credits – Physics			28
Required Supporting Math Courses			
MATH-219Q	Calculus I		3
MATH-220Q	Calculus II		3
MATH-221	Calculus III		3
Total Credits – Math			9

Required Supporting Courses			
Course Number		Course Name	Credits
	BIOL-200PN	General Zoology	3
	BIOL-210	Cell Biology	3
	BIOL-220	General Botany	3
	CHEM-121PN,I	General Chemistry 1	3
	CHEM-122PN,I	General Chemistry 2	3
	CHEM-123	General Chemistry 3	3
	GEOG-101PN,I	Global Weather & Climate Systems	3
	GEOL-101PN,I	Physical Geology	3
	GEOG-103PN,I	Water and Land Resources	3
	GEOL-115PN,I	Environmental Geology	
	ASTR-315PN	Stars, Nebulae and Galaxies	3
Total Credits – Required Other Supporting Courses			30
Grand Total Credits – Science & Math			67

Notes:

Physics – Tentative Schedule

FALL		WINTER		SPRING		SUMMER	Take...
LSFY 101	3	LSFY 102	3	LSFY 103	3		PSYC-100
							POLS-101
							HIST-13x
							Foreign Lang.
							PA
							PE, PE
							Q
Total Credits		Total Credits		Total Credits		Total Credits	
		EDUC 300 <small>Educ. Psychology</small>	3	EDUC 330* <small>Assess Learning</small>	3		RELG 201, 203, 205, 207 or 209
		PSYC 214 <small>Adolescent Dev</small>	3				PN/I
<i>Basic Skills Test*</i>		<i>TB Test*</i>					*Linked to EDUC 300
Total Credits		Total Credits		Total Credits		Total Credits	
EDUC 380 <small>General Methods</small>	3			EDUC 38_ <small>Subject Methods</small>	3		
EDUC 340* <small>Inclusion</small>	3	EDUC 310 <small>Computers</small>	2				
		EDUC 396** <small>Middle Sch Clin</small>	1	EDUC 397** <small>HS Clinical</small>	1		
EDUC 412	3						
				<i>Content Test before ST</i>			
Total Credits		Total Credits		Total Credits		Total Credits	
							3151/2011
EDUC 422 <small>Seminar</small>	1	EDUC 450 <small>School and Society</small>	3				
EDUC 490 <small>Student Teaching</small>	9						
		<i>APT before graduation</i>					
Total Credits		Total Credits		Total Credits		Total Credits	

*If EDUC-300 is taken in fall instead of winter, then 330 and 340 should also move up a term.

**If Student Teaching is in winter, then clinicals move to spring and fall.

GENERAL EDUCATION REQUIREMENTS & EDUCATION'S REQUIRED SUPPORTING COURSES

- _____ * **Perspectives on the Arts (PA)**
THEA-141 or THEA-240 **RECOMMENDED**
- EDUC-450 _____ * **Perspectives on Human Existence and Values (PH)**
EDUC-450 **REQUIRED**; ENGL-237, RELG-326, or RELG-327 **RECOMMENDED**
- PSYC-100 POLS-101 * **Perspectives on Individuals and Society (PS)**
PSYC-100 and POLS-101 (or POLS-102) **REQUIRED**
POLS-101 AP *does not* count toward Perspectives but *does* count toward Education
- _____ * **Perspectives on Literature and Texts (PL)**
- _____ * **Perspectives on the Past (PP)**
HIST-130, -131, -132, -335, -373 OR upper division US History **REQUIRED**
US HIST AP *does not* count toward Perspectives but *does* count toward Education
- PHYS-201 BIOL-200 * **Perspectives on the Natural World (PN)**

*Complete a 2nd course in 3 of the Perspectives using a different subject code from the 1st. No more than 2 courses with the same subject code overall can count toward the Perspectives group requirement.

- _____ **Foreign Language** (9 hours or equivalent)
- _____ **Christian Traditions:** RELG-201(PS), 203(PH), 205(PP), 207(PL) or 209(PH)
or Logos/Foundations with a RELG professor
- CHEM-121 **Investigative Laboratory (I)** MATH-220 **Quantitative Reasoning (Q)**
- _____ **Global (G)** _____ **Diversity (D)**
- _____ **HEPE: 2 activity courses**
- _____ **Learning Community** (HONR-220, 221, 222 or international term qualify)
- _____ **PSYC-214** (Pre-requisite for EDUC-340)

PROFESSIONAL SEQUENCE (35 Credits)

EDUC-300	Educational Psychology	_____ (3)
EDUC-330	Assessing Learning	_____ (3)
EDUC-340	Methods of Inclusion	_____ (3)
EDUC-310	Computers in Education	_____ (2)
EDUC-380	Secondary: General Methods	_____ (3)
EDUC-386	Science Methods	_____ (3)
EDUC-396	Middle School Clinical	_____ (1)
EDUC-397	High School Clinical	_____ (1)
EDUC-412	Secondary Literacy Methods	_____ (3)
EDUC-490	Student Teaching	_____ (9)
EDUC-422	Seminar	_____ (1)
EDUC-450	School and Society	_____ (3)

ILLINOIS TEACHER TESTING REQUIREMENTS

- _____ **Basic Skills Test** Pass TAP or
ACT+Writing ≥ 22 (cannot advance beyond
EDUC-300 until successfully completed)
- _____ **Content Test** (required before student teaching; required
for program completion)*
- _____ **Assessment of Professional Teaching**
(must be successfully completed for Illinois teacher
licensure) *Register at www.il.nesinc.com
- _____ **edTPA** Completed during Student Teaching
(Required for licensure starting in 2015-16)

PROGRAM DEVIATIONS
