

**Indiana State University
College of Arts and Sciences
BS Completion Program Articulation Curriculum Agreement
October 2010**

College of Arts and Sciences Degree Program: BS Physics with one concentration in Professional Physics, Chemical Physics, Engineering Physics
Ivy Tech Community College Degree Program: AA or AS Life and Physical Sciences Concentration - Physics

ISU Degree Requirements		Transfer Courses		Courses to take at ISU
Major Degree Programs				
Completion of the core courses indicated below is recommended before transfer to Indiana State. Additional courses may be taken at ITCC and transferred to ISU to fill requirements detailed in each of the specific concentrations. Any courses not taken at ITCC must be completed at ISU.				
CHEM 105/L	4	CHEM 105	5	
CHEM 106/L	4	CHEM 106	5	
MATH 131	4	MATH 211	4	
MATH 132	4	MATH 212	4	
PHYS 205/L	5	PHYS 220	5	
PHYS 206/L	5	PHYS 221	5	
PHYS 215/L	4			PHYS 215/L 4
PHYS 216/L	4			PHYS 216/L 4
PHYS 310	3			PHYS 310 3
PHYS 341	3			PHYS 341 3
Total of Core	40		28	Total of Core 14
Professional Physics Concentration (24 additional credits):				
MATH 231	4	MATH 261	4	
MATH 333	3			MATH 333 3
PHYS 311	3			PHYS 311 3
PHYS 315	1			PHYS 315 1
PHYS 316	1			PHYS 316 1
PHYS 342	3			PHYS 342 3
PHYS 355	3			PHYS 355 3
PHYS 420	3			PHYS 420 3
PHYS 497	3			PHYS 497 3
	64		4	34
Chemical Physics Concentration (22 additional credits):				
CHEM 321	4			CHEM 321 4
CHEM 461/L	5			CHEM 461/L 5
CHEM 462/L	5			CHEM 462/L 5
MATH 333	3			MATH 333 3
PHYS 315	1			PHYS 315 1
PHYS 316	1			PHYS 316 1
PHYS 497	3			PHYS 497 3
Total for Chemical Physics	62			Total for Chemical Physics 36

Engineering Physics Concentration (22 additional credits):					
CS 256	3			CS 256	3
MET 103	3	DESN 102	3		
MET 130	2	INDT 103	3		
MET 203	3	DESN 230	3		
MET 404	3			MET 404	3
PHYS 315	1			PHYS 315	1
PHYS 316	1			PHYS 316	1
PHYS 356	3			PHYS 356	3
Electives	3			Electives	3
Total for Engineering Physics	62		9	Total for Engineering Physics	28

All other courses in which a passing grade of C was earned count toward graduation hours.

Foundational Studies - General Education

Students who have earned an associate of science or an associate of arts have met all of Foundational Studies requirements except the following. Courses in which a passing grade below a C was earned will be used to meet Foundational Studies requirements, but will NOT be given credit/hours toward completion of a degree at Indiana State University.

Junior Level Composition	3			Junior Level Composition	3
Ethics and Social Responsibility	3			Ethics and Social Responsibility	3
Integrative Upper-Division Elective (3 courses maximum or other permitted substitutions: study abroad, second major, minor, certificate or secondary education degree)	9			Integrative Upper-Division Elective (3 courses maximum or other permitted substitutions: study abroad, second major, minor, certificate or secondary education degree)	9
Total	15			Total	

Overall University Graduation Requirements

	Total earned hours (minimum)	Hours @ 300-400 level (minimum)
Transfer Hours	variable: at least 60	
To be completed at ISU	variable dependent on concentration selected	50
	at least 124	

Final October 2010