

Graduation Checklist for B.S. in Physics (*Medical Physics Track*)

Core Area I (Institution 4 hrs)		
Course	Sem/Yr	Hrs
INQR*		2
INQR*		2

* Each must be from a different area, 21xx, 22xx, ..., 27xx

Core Area M (Mathematics 3 hrs)		
Course	Sem/Yr	Hrs
MATH 1113		3

Core Area P (Citizenship 6 hrs)		
Course	Sem/Yr	Hrs
POLS 1101		3
HIST 2111 or 2112		3

Core Area A (Humanities 6 hrs)		
Course	Sem/Yr	Hrs
ENGL 2111, 2112, or 2113		3
*		3

* Foreign lang preferred, or ART 1100; COMM 1100, 1110; DANC 1500; MUSC 1100, 1110, 1120, 1130; MDIA 2000; THEA 1100; PHIL 2010, 2020; REL 2020; WGST 2010

Core Area C (Writing 6 hrs)		
Course	Sem/Yr	Hrs
ENGL 1101		3
ENGL 1102		3

Core Area T (STEM 11 hrs)		
Course	Sem/Yr	Hrs
MATH 2261*		3
PHYS 2211K		4
PHYS 2212K		4

* 1 hr. spills to Area F

Core Area S (Social Sciences 6 hrs)		
Course	Sem/Yr	Hrs
*		3
*		3

* AFAM/WGST 2020; ANTH 1102; ECON 1500; GEOG 1100, 1101, 1102, 1103; POLS 2101, 2401, 2501; PSYC 1101; SOCI 1101, 1160

Core Area F* (Field of Study 18 hrs)		
Course	Sem/Yr	Hrs
MATH 2262		4
MATH 2263		4
PHYS 2700		1
CHEM 1211/1211L		4
CHEM 1212/1212L		4
MATH 2261 (spilled from D)		1

*All core science and math courses must be completed with a grade of "C" or better.

Courses Required for the Major (33 hrs)		
Course	Sem/Yr	Hrs
BIOL 1107/1107L		4
BIOL 1108/1108L		4
BIOL 2251K		4
BIOL 2252K		4
BIOL 3200		3
BIOL 3700		3
PHYS 3100		4
PHYS 3810		3
PHYS 4311		3
*		3
*		3

* PHYS 4111, 4211, or 4411

Supporting Math Courses (3 hrs)		
Course	Sem/Yr	Hrs
MATH 3340		3

Language (3-6 hrs)		
Course	Sem/Yr	Hrs
*		3
*		3

* ARAB 100X, 200X; FREN 100X, 200X; GRMN 100X, 200X; JAPN 100X, 200X; LATN 100X, 200X; RUSS 100X, 200X; SPAN 100X, 200X. 3 hours may be taken in Area A

Guided Electives (13-16 hrs)		
Course	Sem/Yr	Hrs
*		4
*		3
*		3
*		3
*		3

* BIOL 1200, 3250, 4500, 4520, 4580, 4800, 4850; CHEM 3401, 3402, 3510, 3601/3601L, 3602, 3802, 4210, 4920; PHYS 3820, 4040, 4112, 4212, 4412, 4800, 4950; MATH 3040, 3600, 4081, 4260, 4621, 4990.

Note: Students must complete at least 39 credit hours of upper-level (3000-4999) courses.