UNLV | COLLEGE OF SCIENCES

DEGREE WORKSHEET

(Used in conjunction w/MyUNLV degree audit)

Advising Center: 702-895-2077 ● MPE-A 130 ● unlv.edu/sciences/advising ● sci.advising@unlv.edu

Student Name:	
NSHE #:	
Advisor:	

Program:	Physics BS
Concentration:	Applied
Catalog Year:	Fall 2020 - Summer 2021
Student Notes:	
UNLV GPA*:	
Add'l. Major or Minor(s):	

General Education Requirements

Course Name	University Requirement Area	Credits	Semester	Grade
SCI 101 or Equivalent	First Year Seminar (FYS)	2		
SCI 201 or Equivalent	Second Year Seminar (SYS); ENG 231S is also recommended	3		
ENG 101 or Equivalent	General English; ENG 113 or ENG 101E+F are also equivalent	3		
ENG 102 or Equivalent	General English II; ENG 114 is also equivalent	3		
	US Constitution			
	NV Constitution			
	Humanities (two different areas)			
	Humanities (two different areas)			
	Fine Arts			
	Social Science (three different areas)			
	Social Science (three different areas)			
	Social Science (three different areas)			
	Multicultural			
	International			

Physics Core Requirements*

Course Name	Course Pre-Requisites	Credits	Semester	Grade
PHYS 180	*C or better in MATH 181; Co-req of PHYS 180L*	3		
PHYS 180L	*Co-req of PHYS 180*	1		
PHYS 181	*C or better in MATH 182 and PHYS 180*	3		
PHYS 181L	*Co-req of PHYS 181*	1		
PHYS 182	*C or better in MATH 182 and PHYS 180*	3		
PHYS 182L	*Co-req of PHYS 182*	1		
PHYS 411	*C or better in PHYS 181, 181L, 182, & 182L*	3		
PHYS 413	*Co-req of PHYS 411*	3		
PHYS 421	*C or better in PHYS 181*	3		
PHYS 423	*C or better in PHYS 180*	3		
PHYS 493	*9 crd. of UD PHYS & instructor consent; visit PHYS dept. for details*	3		

Physics UD Elective Requirements*

Course Name	Course Pre-Requisites	Credits	Semester	Grade
PHYS UD	300 level or higher; prereqs. depend on course selected	3		
PHYS UD	300 level or higher; prereqs. depend on course selected	3		

STEM Requirements**

STEM Credits: 19

Course Name	STEM Requirement Area	Credits	Semester	Grade
STEM Elective	Course must be within the College of Sciences or Engineering	3		
STEM Elective	Course must be within the College of Sciences or Engineering	3		
STEM UD Elective***	UD within the College of Sciences or Engineering recommended	3		
STEM UD Elective***	UD within the College of Sciences or Engineering recommended	3		
STEM UD Elective***	UD within the College of Sciences or Engineering recommended	1		
STEM UD Elective****	UD course must be within the College of Sciences or Engineering	3		
STEM UD Elective****	UD course must be within the College of Sciences or Engineering	3		

Science Requirements*****

Course Name	Course Pre-Requisites	Credits	Semester	Grade
MATH 181	Placement or C or better in MATH 127 or 128	4		
MATH 182	C or better in MATH 181	4		
MATH 283	C or better in MATH 182	4		
CHEM 121A	Placement or C or better in CHEM 103; Co-req. of MATH 126 or higher; Co-req. of CHEM 121L if first attempt	3		
CHEM 121L		1		
CHEM 122A	C or better in CHEM 121A+L & MATH 126 or higher; Co-req. of CHEM 122L if first attempt	3		
CHEM 122L		1		

Additional Electives (If Needed for University Requirements)

Course Name	University Requirement Area	Credits	Semester	Grade
Elective	Consult advisor to determine need			
Elective	Consult advisor to determine need			
Elective	Consult advisor to determine need			

Some courses within this program are only offered in a specific semester once per year. Be mindful of course sequencing.

Consult with your advisor or advising website for the most updated info about your degree plan.

*C or better is required in all Physics core courses, including PHYS UD electives.

**Consult your advisor for course options that satisfy the STEM requirements section.

***In addt. to required 6 crd. UD STEM requirement, 9 addt. crd. within the STEM requirements are recommended to be UD, 300 level or higher, due to university requirements. This amount totals to 15 crd. of UD STEM electives in the standard academic plan if no extra are taken.

****6 crd. of the 19 crd. needed to satisfy STEM requirements section must be UD within STEM, 300 level or higher.

*****Courses completed that satisfy Science requirements will not double dip with STEM requirements.

Red: Important ● Purple: Semester-Only ● #: Course Attempt ● AP: AP Credit ● DD: Double-dip ● IB: IB Credit ● IP: In-Progress ● MIN: Minor ● OPT: Optional ● R: Retake ● TR: Transfer Credit ● UD: Upper-Division (300lvl+) ● WL: Waitlist

Appointment Notes:

2.000 or higher cumulative UNLV GPA is required for graduation.

Consult advisor for transfer policies prior to taking courses at another institution.

120 total crd. needed for graduation. 60 crd. must be earned from UNLV. 40 crd. must be upper-division (300-400 lvl). Last 30 crd. must be earned at a NSHE institution.

Review catalog for course/grade prerequisites and course title/description.

Course Catalog: https://catalog.unlv.edu

Catalog expiration: August 2030

University Credits Remaining			
Total Degree:		Resident:	
4-Year Institution:		Upper-Division:	
		Graduation Goal:	

Course Planner

Fall 2020	0 crd.	Spring 2021	0 crd.
Summer 2021			0 crd.

Fall 2021	0 crd.	Spring 2022	0 crd.
Summer 2022			0 crd.

Fall 2022	0 crd.	Spring 2023	0 crd.
Summer 2023			0 crd.

Fall 2023	0 crd.	Spring 2024	0 crd.
Summer 2024			0 crd.

Fall 2024	0 crd.	Spring 2025	0 crd.
Summer 2025			0 crd.

prepared on 5/13/2020