

University of Nevada, Las Vegas
2021-22 Solar and Renewable Energy Minor
Track 2: Science & Engineering

COMPETENCY AREA	COURSE	CREDITS	GRADE	SEMESTER
Introductory course				
Environmental impacts	ENV 101	3		
Sustainable technologies – take each course				
Renewable technologies - overview	ME 477	3		
Renewable technologies - Photovoltaics	EE 446	3		
Renewable technologies - thermal	ME 412	3		
1 course in renewable architecture / construction not required for student's major				
Sustainable architecture or construction	AAE 330 ^b or 435 ^b ; ABS 332 ^b , 432 ^b or 443 ^b ; or CEM 480	3		
Sciences and Engineering Electives: (2 courses) Select any two of the following that are not part of your major plan of study		6-8		
CHEM 122, 241 ^c , 421 ^c , 422 ^c , or 431 ^c				
EE 292 ^c , 320 ^c , 340 ^c , 450 ^c , 453 ^c , or 495 ^c				
ME 311 ^c , 314 ^c , 315 ^c , 415 ^c , 418 ^c , 419 ^c , or 495 ^c				
PHYS 181, 182, 461 c, 462 c or 471 c (physics of climate)				
TOTAL CREDITS		21-23		

Notes: Max allowed overlap with student major courses is two (2)

^b Requires instructor or offering college advising center consent

^c Student must meet lower division prerequisites and/or obtain instructor or dept and/or college advising center approval

Track Two: intended for BS engineering and science majors. Revision, 11-20-2020