

ENERGY CERTIFICATE PROGRAM				
Academic Year: 2021 - 2022			30-36 credits	
PHYS 2220/25 Physics I w/lab OR PHYS 2110/2115 Physics for Life Sciences I/Lab	(5-6)		All courses must be selected in consultation with a SUST faculty member and must be approved in advance.	
PHYS 2230/35 Physics II w/lab OR PHYS 2120/25 Physics for Life Science II/Lab	(5-6)		And one of the following, in consultation with the SUST faculty member	
SUST 3301 Sustainable Technologies/Lab OR ENSC 5501 Green Energy Technology*	(3-4)		PHYS 3380 Thermal Physics	(4)
SUST 3311 Energy Practicum OR ENSC 5502 Energy Analysis*	(3-4)		PHYS 3110 Electronics	(4)
ENVL 3443 Energy Planning	(4)		SUST 4710 Green Vehicle Technology	(4)
SUST 3312 Energy Management OR GNM 3321 Energy Management OR ENSC 5312 Energy Management*	(3-4)		SUST 4720 Sustainable Design OR ENSC 5720 Sustainable Design*	(3-4)
ECON 2200 Ecological Economics	(4)		PHYS 3120 Electrical Circuits	(4)
			ENVL 3302 Geographic Information Systems	(4)
*ENSC courses are for graduate students only. Undergraduate students should take the listed SUST course(s).				
Please refer to the program website for information about requirements, prerequisites, further details about the curriculum, and curriculum updates.				
Students should consult with their preceptor and/or the Center for Academic Advising on a regular basis to ensure that all graduation requirements have been met.				