Student Learning Outc	om	es	for	СО	urs	es 1	tak	en	by	und	der	gra	du	ate	ph	ysi	CS I	maj	ors	,										
Learning Outcome\Course	223	224	325	399	400	460	495	497	498	499	506	522	532	620	623	633	636	639	642	651	652	655	662	664	691	692	694	701	707	70
1) Have a solid foundation in the																														
basics of experimental physics.	Х	Х	Х			Х					Χ									Х	Х									
2) Have a solid foundation in the																														
basics of theoretical physics.	Х	Х	Х			Х						Х	Х		Х	Х			Х	Х	Х	х	Х	Х	х	Х	Х	Х		Х
3) Have hands-on experience with																														
common mathematical,																														
computational and experimental																														
tools.	Х	Х	Х		Х		Х	0	О	О	Х	Х	Х	Х	Х	Х	Χ	Χ	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х		Χ
4) Have good skills related to the																														
collecting, recording and analysis of																														
data.	Х	Х	Х		0		Х	0	0	О	Χ						Х	Х												
5) Understand career options																														
appropriate to their degree programs,																														
both within and outside the field.																														
6) Be capable of communicating																														
information, scientific or otherwise,																														İ
in both written and verbal form.	Х	Х	Χ		Х			Х	Х	Х	Х		Х	Х	Χ	Х	Х	Χ	Х	Х	Χ	Χ	Х	Х						Х
7) Understanding of one advanced																														
topic in theoretical or experimental																														İ
physics.				0	Χ	0	Χ	0	0	0				Х	Χ	Χ		Х	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	Χ	<u> </u>
8) Hands-on experience with more																														
advanced measurement and																														
computational tools as used by																														
practicing physicists.			<u> </u>	0	Х		Х	0	0	0					ļ		Х	Χ	ļ	Х	Χ									
9) Advanced education in Quantum																														
Mechanics.										ļ		-			ļ				ļ			-			-					Х
10) 4 1																														
10) Adequate preparation to succeed																														
in graduate studies in physics or																														
other technical disciplines, or in	,	,	,								,		,	, .			,	V	V	V	,	,	,							,
professional schools	Х	Х	Х	Х				0	1	ļ	Х	1	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	1					Х
X = This is an SLO for the course		1																						1		1				_
O = This is an optional SLO,																														
depending on how the course is set																														
up.																														