

Quantum Technology, MS

Example Roadmaps

San José State University

Physics project graduate: Admitted in odd years (e.g., Fa 2023)

<i>Quantum Technology - Advising Roadmap - Sample Recommended Course Sequence</i>			
<i>Year One (14 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>PHYS 161</i>	<i>3</i>	<i>Q Prog.</i>	<i>3</i>
<i>PHYS 200W</i>	<i>3</i>	<i>PHYS 263A</i>	<i>3</i>
<i>PHYS 297</i>	<i>1</i>	<i>PHYS 297</i>	<i>1</i>
	<i>Total: 7</i>		<i>Total: 7</i>
<i>Year Two (16 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>EE 225</i>	<i>3</i>	<i>Q Arch.</i>	<i>3</i>
<i>Q MB phys</i>	<i>3</i>	<i>PHYS 240 or EE 250</i>	<i>3</i>
<i>PHYS 297</i>	<i>1</i>	<i>PHYS 298 (Project)</i>	<i>3</i>
	<i>Total: 7</i>		<i>Total: 9</i>
		<i>Total Units:</i>	<i>30</i>

Physics project graduate: Admitted on even years (e.g., Fa 2024)

<i>Quantum Technology - Advising Roadmap - Sample Recommended Course Sequence</i>			
<i>Year One (16 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>PHYS 161</i>	<i>3</i>	<i>Q Arch.</i>	<i>3</i>
<i>Q MB phys</i>	<i>3</i>	<i>PHYS 263A</i>	<i>3</i>
<i>PHYS 297</i>	<i>1</i>	<i>PHYS 200W</i>	<i>3</i>
	<i>Total: 7</i>		<i>Total: 9</i>
<i>Year Two (14 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>EE 250</i>	<i>3</i>	<i>Q Prog.</i>	<i>3</i>
<i>PHYS 275</i>	<i>3</i>	<i>PHYS 299 (Thesis)</i>	<i>3</i>
<i>PHYS 297</i>	<i>2</i>		
	<i>Total: 8</i>		<i>Total: 6</i>
		<i>Total Units:</i>	<i>30</i>

Electrical Engineering Project graduate: Admitted on odd years (e.g. 2023)

<i>Quantum Technology - Advising Roadmap - Sample Recommended Course Sequence</i>			
<i>Year One (18 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>Phys 161</i>	<i>3</i>	<i>EE 226</i>	<i>3</i>
<i>EE 295</i>	<i>3</i>	<i>EE 250</i>	<i>3</i>
<i>EE 225</i>	<i>3</i>	<i>Q Prog.</i>	<i>3</i>
	<i>Total: 9</i>		<i>Total: 9</i>
<i>Year Two (12 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>Q MB phys</i>	<i>3</i>	<i>Q Arch.</i>	<i>3</i>
<i>EE 297A (Project)</i>	<i>3</i>	<i>EE 297B (Project)</i>	<i>3</i>
	<i>Total: 6</i>		<i>Total: 6</i>
		<i>Total Units:</i>	<i>30</i>

Electrical Engineering Project Graduate: Admitted on even years (e.g. 2024)

<i>Quantum Technology - Advising Roadmap - Sample Recommended Course Sequence</i>			
<i>Year One (15 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>Phys 161</i>	<i>3</i>	<i>EE 295</i>	<i>3</i>
<i>Q MB phys</i>	<i>3</i>	<i>Q Arch.</i>	<i>3</i>
<i>EE225</i>	<i>3</i>		
	<i>Total: 9</i>		<i>Total: 6</i>
<i>Year Two (15 units)</i>			
<i>Fall</i>	<i>Units</i>	<i>Spring</i>	<i>Units</i>
<i>EE 250</i>	<i>3</i>	<i>Q Prog.</i>	<i>3</i>
<i>EE299A (Thesis)</i>	<i>3</i>	<i>EE 226</i>	<i>3</i>
		<i>EE299B (Thesis)</i>	<i>3</i>
	<i>Total: 6</i>		<i>Total: 9</i>
		<i>Total Units:</i>	<i>30</i>