

**PHYS Physics**

as of 20-Jun-2017 09:16 AM

**Fall Term 2016**

<b>5343</b>	<b>PRINCIPLES OF MECHANICS</b> None, but calculus is recommended.	(Q)	<b>141</b>	U:6	L:80	Jef Wagner Sara Chamberlin Jeffrey A. Collett	08:30-09:40 MWF 08:00-11:00 T 01:00-04:00 T 01:00-04:00 W 08:00-11:00 R 01:00-04:00 R	YOUN 121 YOUN 118 YOUN 118 YOUN 118 YOUN 118 YOUN 118
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>191</b>	U:Variable		Staff	Arranged	
<b>5349</b>	<b>PHYSICAL ELECTRONICS</b> PHYS 151 and MATH 130 or 140	(Q)	<b>220</b>	U:6	L:20 APR	Sara Chamberlin	01:00-04:00 MWF	YOUN 136
<b>5350</b>	<b>QUANTUM MECHANICS</b> PHYS 225, MATH 210, and some exposure to quantum mechanics (e.g. PHYS 160, CHEM 470)	(Q)	<b>310</b>	U:6		Douglas S. Martin	08:30-09:40 MWF	YOUN 115
<b>5351</b>	<b>PHYSICS ON YOUR FEET II</b> PHYS 225, 230 and 310.		<b>351</b>	U:2	S/U Only	Jeffrey A. Collett	Arranged	
<b>CNTR</b>	<b>TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>390</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>391</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>399</b>	U:Variable		Staff	Arranged	
<b>5691</b>	<b>ADV MECHANICS &amp; COMPUTANL PHY</b> PHYS 225	(Q)	<b>425</b>	U:6		Jeffrey A. Collett	11:10-12:20 MWF	YOUN 115
<b>CNTR</b>	<b>TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>590</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>591</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>599</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>690</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>691</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>699</b>	U:Variable		Staff	Arranged	

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**Winter Term 2017**

<b>1335</b>	<b>PRINCIPLES CLASSICAL PHYSICS</b> PHYS 141, or one year of high school physics and MATH 140.	(Q)	<b>151</b>	U:6	L:64	Matthew R. Stoneking Sara Chamberlin Jef Wagner	08:30-09:40 MWF 01:00-04:00 T 01:00-04:00 W 08:00-11:00 R 01:00-04:00 R	YOUN 121 YOUN 118 YOUN 118 YOUN 118 YOUN 118
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>191</b>	U:Variable		Staff	Arranged	
<b>1340</b>	<b>COMPUTATIONAL MECHANICS</b> PHYS 151 and MATH 210	(Q)	<b>225</b>	U:6		Jeffrey A. Collett	09:50-11:00 MWF	YOUN 115
<b>1341</b>	<b>ADVANCED LABORATORY</b> PHYS 160, 220 and 225; PHYS 310 recommended	(S)	<b>330</b>	U:6	APR	Douglas S. Martin Sara Chamberlin	01:00-04:00 MWF	YOUN 126
<b>CNTR</b>	<b>TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>390</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>391</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>399</b>	U:Variable		Staff	Arranged	
<b>1353</b>	<b>ADVANCED MODERN PHYSICS</b> PHYS 310 and MATH 210	(Q)	<b>460</b>	U:6		Jeffrey A. Collett	08:30-09:40 MWF	YOUN 115
<b>CNTR</b>	<b>TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>590</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>591</b>	U:Variable		Staff	Arranged	
<b>CNTR</b>	<b>INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>599</b>	U:Variable		Staff	Arranged	

<b>1342 SENIOR SEMINAR IN PHYSICS</b> Limited to physics majors in their final year who have completed (or are currently conducting) a senior experience independent study project	<b>650</b>	U:2		Douglas S. Martin	Arranged
<b>CNTR TUTORIAL IN PHYSICS</b> Counter Registration Required.	<b>690</b>	U:Variable		Staff	Arranged
<b>CNTR DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.	<b>691</b>	U:Variable		Staff	Arranged
<b>CNTR INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.	<b>699</b>	U:Variable		Staff	Arranged

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Spring Term 2017

<b>3375 TOPICS IN ASTRONOMY</b>	(Q)	<b>110</b>	U:6	L:32	Jeffrey A. Collett Jef Wagner	09:50-11:00 MWF 08:00-11:00 T 01:00-04:00 T	YOUN 121 YOUN 118 YOUN 118
<b>3378 PRINCIPLES OF MODERN PHYSICS</b> PHYS 151 and MATH 150	(Q)	<b>160</b>	U:6	L:32	Douglas S. Martin Jef Wagner	08:30-09:40 MWF 08:00-11:00 R 01:00-04:00 R	YOUN 041 YOUN 118 YOUN 118
<b>CNTR DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>191</b>	U:Variable		Staff	Arranged	
<b>3381 ELECTRICITY AND MAGNETISM</b> PHYS 225 and MATH 210	(Q)	<b>230</b>	U:6		Matthew R. Stoneking	09:50-11:00 MWF	YOUN 115
<b>3382 THERMAL PHYSICS</b> PHYS 160 and 225 and MATH 210	(Q)	<b>320</b>	U:6		Sara Chamberlin	08:30-09:40 MWF	YOUN 115
<b>3383 PHYSICS ON YOUR FEET I</b> PHYS 225, 230 and 310		<b>350</b>	U:2	S/U Only	Matthew R. Stoneking	Arranged	
<b>CNTR TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>390</b>	U:Variable		Staff	Arranged	
<b>CNTR DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>391</b>	U:Variable		Staff	Arranged	
<b>CNTR INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>399</b>	U:Variable		Staff	Arranged	
<b>3384 TOP: GENERAL RELATIVITY</b> MATH 210 and PHYS 230; or MATH 210, MATH 310, and PHYS 151	(Q)	<b>500</b>	U:6		Douglas S. Martin	11:10-12:20 MWF	YOUN 115
<b>CNTR TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>590</b>	U:Variable		Staff	Arranged	
<b>CNTR DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>591</b>	U:Variable		Staff	Arranged	
<b>CNTR INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>599</b>	U:Variable		Staff	Arranged	
<b>CNTR TUTORIAL IN PHYSICS</b> Counter Registration Required.		<b>690</b>	U:Variable		Staff	Arranged	
<b>CNTR DIRECTED STUDY IN PHYSICS</b> Counter Registration Required.		<b>691</b>	U:Variable		Staff	Arranged	
<b>CNTR INDEPENDENT STUDY IN PHYSICS</b> Counter Registration Required.		<b>699</b>	U:Variable		Staff	Arranged	