

PHYSICS

Computerized prerequisite verification is required to enroll in Physics.

PHYS 2B General Physics II

Covers electromagnetism, optics, relativity, and the atom, primarily for life science students. Spring semester only. Prerequisite: PHYS 2A.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
75319	TTH	08:00AM-09:20AM	4.00	C.Figueroa	825
&	TTH	09:30AM-10:50AM		C.Figueroa	830
&	Arr.	Arr.		C.Figueroa	835

+ 50 min arranged per week in Physics/Engineering Learning Center.

PHYS 4A Physics for Scientists and Engineers I

Covers classical mechanics, fluids, and waves for scientists and engineers. Prerequisite: MATH 5A; PHYS 11 or a "B" or better in high school physics. Hybrid Requisite: Completion of or concurrent enrollment in MATH 5B.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
75320	MTTH	11:10AM-12:25PM	5.00	M.Watson	828
&	W	11:10AM-02:15PM		M.Watson	830
&	Arr.	Arr.		M.Watson	835

+ 2 hr 5 min arranged per week in Physics/Engineering Learning Center.

75321	MTTH	11:10AM-12:25PM	5.00	M.Watson	828
&	W	02:30PM-05:35PM		M.Watson	830
&	Arr.	Arr.		M.Watson	835

+ 2 hr 5 min arranged per week in Physics/Engineering Learning Center.

PHYS 4C Physics for Scientists and Engineers III

Covers thermodynamics, optics and an introduction to modern physics for scientists and engineers. Students enrolled in the Honors Transfer Program may count this course towards the "Honors Scholar" designation. Spring semester only. Prerequisite: PHYS 4A. Hybrid Requisite: Completion of or concurrent enrollment in MATH 5C.

Transfer Credit: CSU; UC.

Section	Days	Times	Units	Instructor	Room
75322	TWTH	11:10AM-12:25PM	5.00	J.McCullough	825
&	M	11:10AM-02:15PM		J.McCullough	830
&	Arr.	Arr.		J.McCullough	835

+ 2 hr 5 min arranged per week in Physics/Engineering Learning Center.

75323	TWTH	11:10AM-12:25PM	5.00	J.McCullough	825
&	M	02:30PM-05:35PM		J.McCullough	830
&	Arr.	Arr.		J.McCullough	835

+ 2 hr 5 min arranged per week in Physics/Engineering Learning Center.

PHYS 10 Introduction to Physics

Covers conceptual topics in physics for the non-science major (PHYS 10L lab optional). Prerequisite: MATH 154.

Transfer Credit: CSU; UC with limits: PHYS 10,10L,11&12 combined:maximum credit-4 units. No credit for PHYS 10/10L,11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
75312	TTH	08:00AM-09:20AM	3.00	M.Watson	WatA320
75313	MW	09:30AM-10:50AM	3.00	M.Watson	825
75314	TTH	09:30AM-10:50AM	3.00	J.McCullough	825
75315	T	06:00PM-09:05PM	3.00	P.Graham	825

PHYS 10L Introduction to Physics Lab

Presents a hands-on exploration of topics in physics for the non-science major. Prerequisite: PHYS 10 or concurrent enrollment.

Transfer Credit: CSU; UC with limits: PHYS 10,10L,11&12 combined:maximum credit-4 units. No credit for PHYS 10/10L,11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
75316	TH	02:30PM-05:35PM	1.00	S.Broadston	830
75317	TH	06:00PM-09:05PM	1.00	D.Gurer	830

PHYS 11 Elementary Physics

Prepares students for the PHYS 4 sequence by introducing classical mechanics, thermodynamics, electromagnetism, atoms and nuclei. Prerequisite: MATH 4 or MATH 2 and MATH 3 or equivalent knowledge.

Transfer Credit: CSU; UC with limits: PHYS 10,10L,11&12 combined:maximum credit-4 units. No credit for PHYS 10/10L,11 or 12 if taken after 2A or 4A.

Section	Days	Times	Units	Instructor	Room
75318	MW	12:40PM-02:00PM	4.00	C.Figueroa	825
&	TTH	12:40PM-02:00PM		C.Figueroa	830
&	Arr.	Arr.		C.Figueroa	835

+ 50 min arranged per week in Physics/Engineering Learning Center.

75821	MW	12:40PM-02:00PM	4.00	C.Figueroa	825
&	TTH	11:10AM-12:30PM		C.Figueroa	830
&	Arr.	Arr.		C.Figueroa	835

+ 50 min arranged per week in Physics/Engineering Learning Center.