Physics Concentration

Degree Type
Associate in Arts

Physics forms the basis for all scientific inquiry and explores matter, energy, and fundamental interactions. Physicists model the physical universe from elementary particles to the structure of the universe. By emphasizing complex real-world problem solving, physicists collaborate across diverse fields such as finance, renewable energy and medicine.

Students who are matriculated and place into developmental math and/or English are required to begin the course sequence in the first semester. Please see an advisor with questions.

Learn more about the program and apply at Associate in Arts - Physics

Requirements

First Semester

Item #		Title	Credits
ENL101		English Composition I	3
PHY211		University Physics I	4
MAT240		Calculus I	4
CHM151		General Chemistry I	4

Second Semester

Item #		Title	Credits
ENL102		English Composition II	3
PHY212		University Physics II	4
MAT250		Calculus II	4
CHM152		General Chemistry II	4

Third Semester

Item #		Title	Credits
MAT260		Calculus III	4
		Humanities & Fine Arts	3
		STEM elective	3-4
		Behavioral & Social Sciences	3
		Elective	3

Fourth Semester

Item #	Title	Credits
MAT270 M	Differential Equations	3
	Humanities & Fine Arts	3
	Behavioral & Social Sciences	3
	STEM elective	3-4
	Elective (2-3)	2-3
	Total Credits	**60-62**

Transfer Information

MassTransfer & more

Career Outlook

This occupational profile is provided by O*NET.

See also: What can I do with this major?

Note: The Associate in Arts degree does not indicate a specialized degree in a concentration. Students who complete this concentration will satisfy the requirements of MassTransfer. For additional information pertaining to degree requirements, please refer to Degree Requirements.