

**Valdosta State University**  
**General Education Outcomes**

1. Students will demonstrate understanding of the society of the United States and its ideals.
2. Students will demonstrate cross-cultural perspectives and knowledge of other societies.
3. Students will use computer and information technology when appropriate.
4. Students will express themselves clearly, logically, and precisely in writing and in speaking, and they will demonstrate competence in reading and listening.
5. Students will demonstrate knowledge of scientific and mathematical principles and proficiency in laboratory practices.
6. Students will demonstrate knowledge of diverse cultural heritages in the arts, the humanities, and the social sciences.
7. Students will demonstrate the ability to analyze, to evaluate, and to make inferences from oral, written, and visual materials.
8. Students will demonstrate knowledge of principles of ethics and their employment in the analysis and resolution of moral problems.

Department & Major (Please list all courses. Insert rows as needed.)	GOALS (Check all that apply)								ASSESSMENT (Check all that apply)																
	1	2	3	4	5	6	7	8	Final examinations	Pre and post test scores	Oral Examinations	Nationally-normed tests	Regents' test	Quizzes	Research papers	Expository papers	Oral presentations	Portfolios	Other written assignments	Evaluation of projects	Student self assessment	Role play	Creative projects	Other	
PHYSICS/Astronomy																									
Core Courses																									
ASTR 1000		x	x	x	x		x		x	x				x					x						
ASTR 1010		x	x	x	x		x		x	x				x			x		x	x					x
ASTR 1020			x	x	x		x		x					x			x		x	x					x
Lower Division Courses (1000-2000)																									
ASTR 2010			x	x	x		x		x					x	x			x	x	x					x
ASTR 2020		x	x	x	x		x	x	x					x	x		x	x	x	x			x		
Upper Division Courses (3000-4000)																									
ASTR 3220		x	x	x	x	x	x	x	x					x	x			x	x	x					
ASTR 3400		x	x	x	x		x		x					x	x		x	x	x	x					

ASTR 3800				X	X	X		X			X					X	X			X	X						
ASTR 4101				X	X	X		X			X					X	X		X	X	X	X					
ASTR 4102				X	X	X		X			X					X	X		X	X	X						
ASTR 4400				X	X	X		X			X					X	X		X	X	X	X					
ASTR 4410				X	X	X		X			X					X				X							
ASTR 4800				X	X	X		X										X	X		X						
ASTR 4900				X	X	X		X			X					X	X	X		X	X	X					
ASTR 4950				X	X	X		X			X					X	X	X		X	X	X					
ISCI 2002				X	X	X		X			X					X			X		X						X
PERS 2460		X	X	X	X	X	X	X	X		X					X		X	X		X	X					X
SCI 3102			X	X	X	X		X			X	X				X		X	X	X	X	X				X	X