

## Basic Physics (BS)

This Associate of Science degree is designed for PCC students who want to transfer to CSU-Pueblo and complete a Bachelor of Science degree with a major in Physics. It is based on the best academic advising choices for future CSU-Pueblo students.

To earn the Associate of Science Degree, students must complete the following course requirements for a total of 60 semester credit hours. Courses taken at other colleges, AP, IB, CLEP, and other sources of credit may not be applicable upon transfer to CSU-Pueblo even if applied to the associate's degree at PCC.

To transfer to CSU-Pueblo, students should have a cumulative GPA of 2.30 or better (students with a transfer GPA < 2.30 will be considered for admission.) Each transfer course must have a grade of "C" or better.

Degree Requirements	Courses					
Communication (6 credit hours)	Category GT-CO1 and GT-CO2					
	ENG 121	Note: Students who test into ENG 122 should take ENG 201 as their second composition course.				
	ENG 122					
Mathematics (5 credit hours)	Category GT-MA1					
	MAT 201					
Arts & Humanities/Social & Behavioral Sciences (18 credit hours)  1. Select 3 courses from any of the GT-AH areas (9 credit hours)	Category GT-AH1					
	ART 110	ART 111	ART 112	ART 207	MUS 120	MUS 121
	MUS 122	MUS 125	THE 105	THE 211	THE 212	
	Category GT-AH2					
	HUM 115	HUM 121	HUM 122	HUM 123	LIT 115	LIT 201
	LIT 202	LIT 205	LIT 211	LIT 212	LIT 246	
	Category GT-AH3					
	PHI 111	PHI 112	PHI 113	PHI 114	PHI 115	PHI 214
	PHI 218	PHI 220				
	Category GT-AH4					
	FRE 211	FRE 212	GER 211	GER 212	ITA 211	ITA 212
	SPA 211	SPA 212				
	2. Select one GT-HI1 course. Do not take more than one GT-HI course for the AS. (3 credit hours)	Category GT-HI1				
HIS 101		HIS 102	HIS 111	HIS 112	HIS 121	HIS 122
HIS 225		HIS 244	HIS 246	HIS 247		
3. Select 2 courses from any of the GT-SS areas. (6 credit hours)	Category GT-SS1					
	ECO 201	ECO 202	ECO 245	POS 105	POS 111	POS 125
	Category GT-SS2					
	GEO 105	GEO 106				
	Category GT-SS3					
	ANT 101	ANT 107	ANT 215	COM 220	ETH 200	PSY 101
	PSY 102	PSY 205	PSY 217	PSY 226	PSY 227	PSY 235
	PSY 238	PSY 240	PSY 249	PSY 265	SOC 101	SOC 102
	SOC 205	SOC 215	SOC 216	SOC 218	SOC 231	SOC 237
	WST 200					

Physical and Life Sciences (10 credit hours)	Category GT-SC1					
	PHY 211	PHY 212				
Additional Requirements (21 credit hours)	MAT 202	5 cr hrs		CHE 111	5 cr hrs	
	MAT 203 or MAT 204	4 or 5 cr hrs		CHE 112	5 cr hrs	
	Elective	1-2 cr hr				

## Other AS Requirements

1. A minimum of 60 credit hours in a prescribed program of study with a cumulative grade point average of 2.0 (a C average). At least 15 of these credit hours must be earned from PCC.
2. Only 6 elective credits are allowed in any combination of PED courses.
3. Career and technical courses, whether at another institution or at PCC, are not accepted toward this degree without approval of the vice president for educational services. Approval is given only when it is appropriate to the educational objectives of the student.
4. Courses numbered below 100 do not apply towards degrees.

## State-Wide Articulation Agreement

This guide is based on the Colorado state-wide transfer articulation for your major. For additional information regarding guarantees, limitations, and addendums to that agreement please visit the Guaranteed Transfer and Guided Pathways page on the Colorado Department of Higher Education website ([higherred.colorado.gov/Academics/Transfers/Students.html](http://higherred.colorado.gov/Academics/Transfers/Students.html)).

## Advising at PCC

[Arts&Sciences@pueblocc.edu](mailto:Arts&Sciences@pueblocc.edu)

## Advising at CSU-Pueblo

<http://www.csupueblo.edu/AcademicAdvising/Pages/default.aspx>

## Four-Year Degree Plan—Physics

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Chemistry degree at CSU-Pueblo. Courses are listed by the course number at the appropriate institution. The order in which these courses are taken may vary with course availability and student preparation level. **Students are responsible for completing all course prerequisites.** Please note that this is a *suggested* degree program; your program may vary.

Suggested Fall 1 <sup>st</sup> Year					Suggested Spring 1 <sup>st</sup> Year				
✓	Course	Hrs	✓	Course	Hrs	✓	Course	Hrs	✓
	ENG 121	3		ENG 122	3				
	CHE 111	5		CHE 112	5				
	GT-AH course	3		MAT 201	5				
	GT-SS course	3		GT-AH course	3				
	Total	14		Total	16				
Suggested Fall 2 <sup>nd</sup> Year					Suggested Spring 2 <sup>nd</sup> Year				
✓	Course	Hrs	✓	Course	Hrs	✓	Course	Hrs	✓
	PHY 211	5		PHY 212	5				
	MAT 202	5		MAT 203 or MAT 204	4-5				
	GT-HI course	3		GT-SS course	3				
	GT-AH course	3		General Elective	1-2				
	Total	16		Total	14				
Suggested Fall 3 <sup>rd</sup> Year					Suggested Spring 3 <sup>rd</sup> Year				
✓	Course	Hrs	✓	Course	Hrs	✓	Course	Hrs	✓
	MATH 207	2		PHYS 323/L	5				
	MATH 242 or EN 103	3-4		MATH 337	3				
	PHYS 341	3		PHYS 492	1				
	PHYS 342	1		General Electives	6				
	General Electives	5-6							
	Total	15		Total	15				
Suggested Fall 4 <sup>th</sup> Year					Suggested Spring 4 <sup>th</sup> year				
✓	Course	Hrs	✓	Course	Hrs	✓	Course	Hrs	✓
	MATH 338	3		Approved MATH Elective	3-4				
	PHYS 321	3		PHYS 301	4				
	PHYS 322	1		PHYS 441	4				
	PHYS 431	4		PHYS 493	1				
	PHYS 432	1		PHYS 499	1				
	PHYS 480	1		General Electives	1-2				
	Total	15		Total	15				

### CSU-Pueblo Bachelor of Science, Chemistry Major Requirements

1. A minimum of 120 semester hours of credit with an earned grade point average of 2.000 for all CSU-Pueblo hours attempted. A minimum of 40 of those credit hours must be upper division (numbered 300-499).
2. Students must have at least a 2.000 grade-point average in physics courses and no more than 4 credits in physics with grades of "D".
3. Students must have earned a "C" or better in lower-division prerequisite courses before being admitted to upper-division courses in physics.
4. For a complete list of specific requirements please consult the catalog which can be accessed online at:  
<http://www.csupueblo.edu/catalog/Pages/default.aspx>.