



Chemistry

PIKES PEAK STATE COLLEGE

IS CHEMISTRY RIGHT FOR YOU?

- Do you like asking why things happen?
- Are you endlessly curious?
- Do you enjoy finding multiple solutions to a problem?
- Are you fascinated by the world around you?
- Do you like thinking about the molecular world?
- Do you want to find answers to complex phenomena?

Sign up today and get the kind of education that puts you in the middle of the action and the top of the pay scale. What are you waiting for?

PROGRAM SPECIFICS

The Chemistry Associate of Science Degree with Designation is:

- 60 Credit Hours
- Guaranteed to Transfer in the state of Colorado
- Widely applicable as a foundation for other
- career industries

Chemistry is referred to as “the central science” because of its connection to all other scientific disciplines, from computer science to the life sciences. In chemistry you will learn how to think, not what to think. You will learn to observe closely, ask questions about your observations, and develop experiments to answer those questions. A degree in chemistry will expose you to the facts and philosophy of chemistry and chemical science and prepare you to apply fundamental analytic and problem-solving skills across a wide range of situations

TRANSFER OPTIONS

The Associate of Science degree is designed for students who want an emphasis in natural sciences such as biology and chemistry, as well as mathematics, physics, and allied health professions.

An Associate of Science Degree (AS) is a Guaranteed Transfer Degree. This two-year degree will transfer to any four year state school in Colorado.

- An AS Degree with Designation (DwD) in Chemistry ensures transferring students have met the requirements of the first two years of a Bachelor's Degree in Chemistry.

FUTURE CAREER PROSPECTS

With your PPSC Associate of Science (AS) Degree in Chemistry you can matriculate to a 4-year university or college and work towards pursuing careers such as:

- A major in chemistry or biology
- Medical Fields
- Environmental, chemical, or quality control laboratory technician
- Researcher in fields such as chemical, environmental, or medical
- Secondary science teacher
- Technical writer
- Advocate for science policy or social impact
- Pre-med
- Pre-vet
- Pre-pharmacy
- Any environmental sciences
- Nursing
- Secondary education degree

Chemistry Associate of Science (AS) Degree with Designation

Sample Academic Plan for Full Time Student *

*Your personalized schedule will be best determined by meeting with an Academic Advisor

Semester 1 Course & Credit Hours	Semester 2 Course & Credit Hours
MAT 2410 Calculus I MA1 (5)	MAT 2420 Calculus II MA1 (5)
ENG 1021 English Composition I CO1 (3)	ENG 1022 English Composition II CO2 (3)
Choose one GT Pathways Arts & Humanities Course AH1, AH2, AH3, or AH4 (3)	Choose one GT Pathways History Course HI1 (3)
CHE 1111 General College Chemistry with Lab SC1 (5)	CHE 1112 General College Chemistry II with Lab SC1 (5)
16 Credit Hours	16 Credit Hours

Semester 3 Course & Credit Hours	Semester 4 Course & Credit Hours
MAT 2430 Calculus III MA1 (4)	Choose one GT Pathways Social & Behavioral Sciences Course SS1, SS2, or SS3 (3)
PHY 2111 Physics: Calculus Based I with Lab SC1 (5)	PHY 2112 Physics: Calculus Based II with Lab SC1 (5)
CHE 2111 Organic Chemistry I with Lab SC1 (5)	CHE 2112 Organic Chemistry II with Lab SC1 (5)
	Associate of Science Elective - See Recommended Electives (1)
14 Credit Hours	14 Credit Hours

Recommended Electives

For "Choose one GT Pathways Arts & Humanities Course," here are some of the available options:

- ART (AH1) - 1110/1111/1112/1113
- HUM (AH2) - 1003/1015/1021/1022/1023
- PHI (AH3) - 1012/1013/2018
- FRE/GER/ITA/JPN/RUS/SPA (AH4) - 2011/2012

For "Choose one GT Pathways Social & Behavioral Sciences Course," here are some of the available options:

- ECO (SS1)- 1001/2001/2002/2045
- GEO (SS2) - 1005/1006
- ANT (SS3) - 2550
- COM (SS3) - 2300

For "Associate of Science Electives," here are some of the available options:

- MAT - 1260/1340/1400/1420/1440/2410/2420
- AST - 1110/1120
- BIO - 1111/1112/2101/2102/2104/ 2116/2121
- GEY - 1111/1112/11135

For "Choose One GT Pathways History Course," here are some of the available options:

- HIS (HI1) - 2000/2105/2110/2115/2125/2135/2140/2145

For a complete list of courses that can be taken to fill credit requirements for GT Pathways Arts Humanities, GT Pathways Social & Behavioral Sciences, GT Pathways History, or Associate of Science Electives, please visit catalog.pikespeak.edu

Questions? Contact Kristin Rowan or Rushdi Yousef today!

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