

# GREEN CHEMISTRY (AS)

Department website (<https://www.uwp.edu/learn/programs/greenchemistryaa.cfm>)

College: College of Natural & Health Sciences

The associate of science degree with a major in green chemistry is designed for students who wish to expand their knowledge of green chemistry beyond the certificate. It is ideal for business majors with an interest in chemistry or for pre-pharm students who might wish to earn a 2-year degree prior to attending pharmacy school. The program consists of 64-67 credits that includes university skills requirements, general education requirements, an ethnic diversity requirement and the program specific-requirements.

## Requirements for the A.S in Green Chemistry

To complete this degree program students must complete all required courses (minimum of 60 credits required) and earn a minimum cumulative degree grade point average of 2.00 with a minimum core chemistry course grade point average of 2.50.

Code	Title	Credits
<b>Basic Skills Requirements</b>		
<i>English/Writing Skills Course</i>		
ENGL 101	Composition and Reading <sup>1</sup>	3
<i>Computational and Quantitative Skills Courses</i>		
MATH 111	College Algebra I <sup>2</sup>	5
<i>Communication Skills Course</i>		
COMM 105	Public Speaking for the 21st Century <sup>3</sup>	3
<i>Business and Technology Skills</i>		
BUS 100	Introduction to Business <sup>3</sup>	3
ECON 120	Principles of Microeconomics <sup>3</sup>	3
ECON 121	Principles of Macroeconomics <sup>3</sup>	3
Basic Skills Requirements Subtotal		20
<b>General Education Requirements <sup>4</sup></b>		
<i>Humanities and the Arts Courses</i>		
Select three courses from three different departments <sup>3,5</sup>		9
<i>Social and Behavioral Sciences Courses</i>		
Select one course from a subject other than BUS, FIN, or ECON <sup>6</sup>		3
<i>Natural Sciences Courses</i>		
Select two courses from two different departments <sup>3,7</sup>		8
General Education Requirements Subtotal		20
<b>Ethnic Diversity Course</b>		
Select one course that carries "DV" credit <sup>3,8</sup>		0-3
Ethnic Diversity Course Subtotal		0-3
<b>Program Core Requirements <sup>9</sup></b>		
<i>Required Chemistry Courses</i>		
CHEM 101	General Chemistry I <sup>3</sup>	4
CHEM 102	General Chemistry II	4
CHEM 103	General Chemistry Lab I	1
CHEM 104	General Chemistry Lab II	1
CHEM 155	Chemistry Seminar: Careers, Safety and Literature	3
CHEM 206	Quantitative Chemical Analysis	5

CHEM 230	Introduction to Green Chemistry	2
CHEM 231	Green Chemistry Lab	2
CHEM 321	Organic Chemistry I	4
Program Core Requirements Subtotal		26
<b>Total Credits</b>		<b>66-69</b>

- <sup>1</sup> This course fulfills the university writing skills requirements.
- <sup>2</sup> This course fulfills the university computational skills requirements.
- <sup>3</sup> These courses count toward general education requirements for UW-Parkside.  
Check the course schedule and work with your advisor to find courses that fulfill your general education and/or ethnic diversity requirements.
- <sup>4</sup> There are 36 credits required for general education but, after taking required courses for the program, 20 credits will be needed depending on the program elective choices.
- <sup>5</sup> Required course COMM 105 Public Speaking for the 21st Century fulfills part of this requirement.
- <sup>6</sup> Required courses BUS 100 Introduction to Business, ECON 120 Principles of Microeconomics, and ECON 121 Principles of Macroeconomics fulfill part of this requirement.
- <sup>7</sup> Required course CHEM 101 General Chemistry I fulfills part of this requirement.
- <sup>8</sup> A general education course may also be used to satisfy this requirement.
- <sup>9</sup> Students are required to have earned a minimum 2.50 grade point average in these core chemistry courses.

### Notes:

Students earning an associate of science degree with a program of study in green chemistry are not eligible to earn the green chemistry certificate.

A minimum of 60 credits are required to earn an associate degree. If a student tests out or is waived from any course such as MATH 111 College Algebra I or ENGL 101 Composition and Reading, students will need to complete elective credits as needed to reach the minimum of 60 credits.

### How credits count:

Courses can count for multiple requirements such as a program requirement and a general education requirement but, the credits only count once. Therefore, depending on how many courses are chosen that fulfill both program and general education requirements, students may be required to take additional elective courses (from those not already taken in areas above) to reach the required minimum of 60 credits for an associate degree.

### Depth, two-course sequence requirement:

The University of Wisconsin system has a requirement that each associate degree program must contain at least one two-course sequence in which the first course provides the foundation for the second course. The courses under required chemistry courses in this program fulfill this requirement.