

## Pathway

### Virginia Western Community College Associate of Science in Science Radford University Bachelor of Science in Chemistry – Biochemistry: Life Sciences and Pre- Health Concentration

Based on degree requirements for the 2019-20 academic year

<b>VWCC Associate of Science in Science</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>First Year</b>	<b>Cr.</b>	<b>First Year</b>	<b>Cr.</b>
CHM 111 (RU CHEM 111)	4	CHM 112 (RU CHEM 112)	4
MTH 167 (RU MATH 138)	5(3)*	MTH 263 (RU MATH 171)	4
ENG 111 (RU CORE 101)	3	ENG 112 (RU CORE 102)	3
ITE 115 (RU ITEC 100)	3	Humanities/Fine Arts elective	3
SDV 101 (RU UNIV 100)	2(1)*	BIO 101 (RU BIOL 105/BIOL 132)	4
	<b>17(14)</b>		<b>18</b>
<b>Second Year</b>	<b>Cr.</b>	<b>Second Year</b>	<b>Cr.</b>
CHEM 241 + CHM 245 (RU CHEM 301)	5 (4)*	CHM 242 + CHM 246 (RU CHEM 302)	5 (4)*
PHY 101 or 201 or 241 (RU PHYS 111 or 221)	4	PHY 102 or 202 or 242 (RU PHYS 112 or 222)	4
MTH 264 (RU MATH 172)	4	Humanities/Fine Arts elective	3
HIS 121 (RU HIST 111)	3	Social Science elective	3
		Social Science elective	3
	<b>16 (15)</b>		<b>18 (17)</b>
<b>RU Bachelor of Science in Biochemistry: Life Sciences and Prehealth Concentration</b>			
<b>Third Year</b>	<b>Cr.</b>	<b>Third Year</b>	<b>Cr.</b>
CHEM 216	3	BIOL 231	4
CHEM 324	4	CHEM 472	3
CHEM 471	3	FREE ELECTIVE	4
CHEM 474	1	FREE ELECTIVE	3
FREE ELECTIVE	3	FREE ELECTIVE	3
	<b>14</b>		<b>17</b>
<b>Fourth Year</b>	<b>Cr.</b>	<b>Fourth Year</b>	<b>Cr.</b>
CHEM 401	4	Required 3/4XX or above CHEM/BIOL Elective	4
CHEM 450	2	FREE ELECTIVE	3
Required 3/4XX or above CHEM/BIOL Elective	4	FREE ELECTIVE	3
FREE ELECTIVES	6	FREE ELECTIVE to reach 120 credit hrs if needed	3
	<b>16</b>		<b>13</b>

## Notes

\*Transfer credit indicated in parentheses.

All courses must be completed with a grade of "C" or higher.

## Useful Information

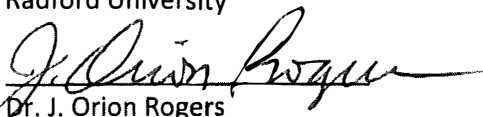
**Satisfying the Core Curriculum requirements at Radford University.** Completion of this Associate of Science in Science at Virginia Western Community College will satisfy the Core Curriculum requirements at Radford University. Students may complete the degree after admission to Radford University by taking remaining courses at Virginia Western Community College, or as a result of credits earned at Radford University, up to a limit of 10 credit hours.

**Admission to Radford University.** Students completing this degree at Virginia Western Community College with a cumulative grade point average of 2.800 and who have earned a grade of "C" or higher in each course applicable to this degree will be guaranteed admission to Radford University under the terms of the Guaranteed Admission Agreement between the Virginia Community College System and Radford University. Students who do not meet the eligibility requirements for guaranteed admission may still apply through the regular admission procedures.

For questions about the Chemistry program at Radford University, contact the Department Chair, Dr. Christine Hermann, [chermann@radford.edu](mailto:chermann@radford.edu)



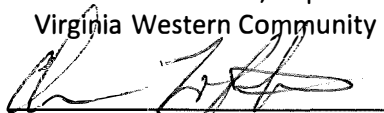
Dr. Christine Hermann  
Chair, Department of Chemistry  
Radford University



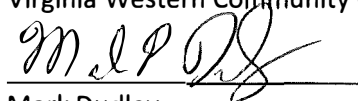
Dr. J. Orion Rogers  
Dean, Artis College of Science and Technology  
Radford University



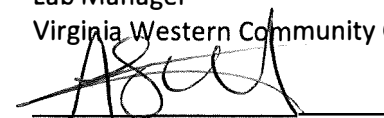
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Dr. Elizabeth Wilmer  
Vice President of Academic and Student Affairs  
Virginia Western Community College



Dr. Robert Sandel  
President  
Virginia Western Community College