

# Degree Requirements

## COLLEGE OF SCIENCES

### Bachelor of Science in Chemistry (Forensics Concentration)

General Education Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
<b>English</b>		PHYS 1062	3
ENGL 1157	3	<b>Humanities</b>	
ENGL 1158 or 1159 <sup>1</sup>	3	Humanities Electives <sup>5</sup>	6
<b>Mathematics</b>		Literature	3
MATH 2114 <sup>2,4</sup>	4	<b>Social Sciences</b>	
MATH 2124 <sup>2,4</sup>	4	Social Sciences elective <sup>5</sup>	6
<b>Science</b>		<b>Arts</b>	
BIOS 1083	3	Arts elective <sup>5</sup>	3
PHYS 1061	3		
<b>Total</b>			<b>39</b>

Other Requirements			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
BIOS 1081	1	CHEM 2025	3
BIOS 2114	4	CHEM 2117	3
CHEM 1000	1	CHEM 2217	3
CHEM 1007	1	Computer Programming Elective <sup>6</sup>	3
CHEM 1008	1	PHYS 1063 <sup>7</sup>	1
CHEM 1017	3	PHYS 1065 <sup>8</sup>	1
CHEM 1018	3	General Electives	14
CHEM 2017	1		
<b>Total</b>			<b>45<sup>3</sup></b>

Course Requirements for Major			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CHEM 2000	1	CHEM 3411	3
CHEM 3018	3	CHEM 4000	0
CHEM 3027	3	Advanced Chemistry Elective <sup>9</sup>	3
CHEM 3094	4		
CHEM 3218	1		
CHEM 3310	3		
<b>Total</b>			<b>21</b>

Forensics Concentration			
Course Name/ #	Credit Hours	Course Name/#	Credit Hours
CHEM 1110	3	CHEM 4110	3
CHEM 3110	3	MATH 2314	3
CHEM 4030	3		
<b>Total</b>			<b>15</b>

Total Credit Hours Required	
	<b>120</b>

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#### Additional Requirements

Minimum grade of C in all science courses (BIOS, CHEM, CSCI, EES, MATH, PHYS, PSYC)

POLI 2450 is recommended. An internship in forensics is highly recommended (if used to receive internship credit, CHEM 3091 may satisfy the CHEM 3094 requirement). BIOS 3453 and 4114 are recommended for students interested in DNA analysis.

This degree program is approved by the American Chemical Society (ACS). The department is authorized to certify that graduating students have completed a bachelor's degree meeting the ACS guidelines.

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<sup>1</sup> "C" or better required

<sup>2</sup> 6 credits of Math satisfy the General Education requirements. Check General Education Courses to confirm what courses fulfill this requirement.

<sup>3</sup> Includes 2 credits of Math listed in General Education Requirements section. Check General Education Courses to confirm what courses fulfill this requirement.

<sup>4</sup> Completion of MATH 2107, 2108 and 2 credits of general electives fulfills the requirement for MATH 2114, 2124.

Completion of Math 2111, MATH 2112 and 1 credit of general electives fulfills all the math requirements for the BS degree.

<sup>5</sup> Check General Education Courses to confirm what courses fulfill this requirement.

<sup>6</sup> The programming requirement can be fulfilled by CSCI 1201, 1203, 1205, 1581/1583 or CHEM 2310.

<sup>7</sup> PHYS 1033 can be used to replace PHYS 1063.

<sup>8</sup> PHYS 1034 can be used to replace PHYS 1065.

<sup>9</sup> Must be taken from the following: CHEM 3096, 3610, 3710, 4210, 4310, 4311, 4410, 4510, 4511; BIOS 4103, 4113, 4153, 4334, 4490 (approval required); 4713; 3 cr. hr. must be at the 4000 level.