

# SAMPLE SCHEDULE

## Bachelor of Science in Forensic Chemistry

| First Year         |                                                      |           |                    |                                                          |           |
|--------------------|------------------------------------------------------|-----------|--------------------|----------------------------------------------------------|-----------|
| Fall               |                                                      |           | Spring             |                                                          |           |
| Course             | Title                                                | Hours     | Course             | Title                                                    | Hours     |
| EN 101             | Introductory College Writing (SGE) <sup>010</sup>    | 3         | XXX                | Institutional-Inclusion & Belonging (SGE) <sup>070</sup> | 3         |
| CJ 115             | Introduction to Forensic Investigations <sup>a</sup> | 3         | XXX                | Social & Behavioral Science (SGE) <sup>050</sup>         | 3         |
| WU 101             | Washburn Experience                                  | 3         | BI 192             | General Cell Biology <sup>a</sup>                        | 5         |
| CH 151             | Fundamentals of Chemistry I (SGE) <sup>040,a,d</sup> | 5         | CH 152             | Fundamentals of Chemistry II (SGE) <sup>070,a,d</sup>    | 5         |
|                    |                                                      |           |                    |                                                          |           |
| <b>Total Hours</b> |                                                      | <b>14</b> | <b>Total Hours</b> |                                                          | <b>16</b> |

| Second Year        |                                               |           |                    |                                                   |           |
|--------------------|-----------------------------------------------|-----------|--------------------|---------------------------------------------------|-----------|
| Fall               |                                               |           | Spring             |                                                   |           |
| Course             | Title                                         | Hours     | Course             | Title                                             | Hours     |
| CH 291             | Professional Science Seminar                  | 1         | EN 200             | Intermediate College Writing (SGE) <sup>010</sup> | 3         |
| MA 151             | Calculus and Analytic Geometry I <sup>a</sup> | 5         | PH 102             | Ethics (SGE) <sup>060</sup>                       | 3         |
| CH 340             | Organic Chemistry I <sup>a,b</sup>            | 3         | PS 281             | General Physics I <sup>a,b</sup>                  | 5         |
| CH 342             | Organic Chemistry Laboratory I <sup>a,b</sup> | 2         | CH 341             | Organic Chemistry II <sup>a,c</sup>               | 3         |
| BI 301             | General Microbiology <sup>a</sup>             | 4         | CH 343             | Organic Chemistry Laboratory II <sup>a,c</sup>    | 2         |
|                    |                                               |           |                    |                                                   |           |
| <b>Total Hours</b> |                                               | <b>15</b> | <b>Total Hours</b> |                                                   | <b>16</b> |

| Third Year         |                                                                                           |           |                    |                                                    |           |
|--------------------|-------------------------------------------------------------------------------------------|-----------|--------------------|----------------------------------------------------|-----------|
| Fall               |                                                                                           |           | Spring             |                                                    |           |
| Course             | Title                                                                                     | Hours     | Course             | Title                                              | Hours     |
| PS 282             | General Physics II <sup>a,b</sup>                                                         | 5         | BI 333             | General Genetics <sup>a</sup>                      | 4         |
| CH 320             | Analytical Chemistry <sup>a,b</sup>                                                       | 3         | CH 326             | Instrumental Analysis <sup>c</sup>                 | 3         |
| CH 321             | Analytical Chemistry Laboratory <sup>a,b</sup>                                            | 1         | CH 327             | Instrumental Analysis lab                          | 1         |
| EN 300 /<br>EN 308 | Advanced College Writing <sup>a</sup> or Scientific and<br>Technical Writing <sup>a</sup> | 3         | CH 390             | Undergrad Chem Research or Internship <sup>a</sup> | 3         |
| XXX                | Social & Behavioral Science (SGE) <sup>050</sup>                                          | 3         | CH 355             | Medicinal Chemistry or Spectroscopy                | 2         |
|                    |                                                                                           |           | XXX                | Arts and Humanities (SGE) <sup>060</sup>           | 3         |
|                    |                                                                                           |           |                    |                                                    |           |
| <b>Total Hours</b> |                                                                                           | <b>15</b> | <b>Total Hours</b> |                                                    | <b>16</b> |

| Fourth Year        |                                                    |           |                    |                                                |           |
|--------------------|----------------------------------------------------|-----------|--------------------|------------------------------------------------|-----------|
| Fall               |                                                    |           | Spring             |                                                |           |
| Course             | Title                                              | Hours     | Course             | Title                                          | Hours     |
| CH 381             | Physical Chemistry I <sup>a,b</sup>                | 3         | CH 491             | Chemistry Seminar <sup>a</sup>                 | 1         |
| CH 350             | Biochemistry I <sup>a</sup>                        | 3         | CH 385             | Physical Chemistry lab I <sup>a,c</sup>        | 1         |
| CH 351             | Biochemistry Laboratory I <sup>a</sup>             | 2         | CH 323             | Advanced Forensic Chemistry Lab <sup>a,c</sup> | 4         |
| CH 293             | Professional Forensic Science Seminar <sup>b</sup> | 1         | CJ 415             | Advanced Forensic Investigations               | 3         |
| MA 140             | Statistics <sup>030,a</sup>                        | 3         | CJ 416             | Advanced Forensic Investigations Lab           | 3         |
|                    |                                                    |           | BI 420             | Forensic Molecular Biology                     | 4         |
|                    |                                                    |           |                    |                                                |           |
| <b>Total Hours</b> |                                                    | <b>13</b> | <b>Total Hours</b> |                                                | <b>16</b> |

<sup>a</sup> Grade of "C" or higher is required

<sup>b</sup> Offered in Fall semester only

<sup>c</sup> Offered in Spring semester only

<sup>d</sup> Course can also fulfill a general education requirement; discuss with advisor

### Systemwide General Education (SGE) Key

010 English

020 Communications

030 Math & Statistics

040 Natural & Physical Sciences

050 Social & Behavioral Sciences

060 Arts & Humanities

070 Institutionally Designated