# SHOCKER PATHWAY 

## WSU Tech to Wichita State: Associate of Arts (AA) to Chemistry, Bachelor of Arts (BA) [A13B]

## General Education: Wichita State University Policy

|  | WSU Course | WSU Tech Course | CR | Grade | Sem/YR | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Foundation Courses <br> Must be completed with a C- or better within the first 48 hours of college coursework. | ENGL 101 College English 1 | ENG 101 <br> Composition I | 3 |  |  |  |
|  | ENGL 102 College English 2 | ENG 120 Composition II | 3 |  |  |  |
|  | COMM 111 Public Speaking | SPH 101 Public Speaking | 3 |  |  |  |
|  | MATH 111 College Algebra, MATH 112 Pre-calculus, MATH 123 Trigonometry, or MATH 131 <br> Contemporary Math | MTH 112 College <br> Algebra or MTH 113 <br> College <br> Trigonometry | 3 |  |  | Pre-calculus and Contemporary Math not available at Tech. Students that place into MTH 113 or MTH 125 can start in those courses. |
| Divisional Courses | Fine Arts - | ART 100, MUS 110 or THR 100 | 3 |  |  |  |
|  | Humanities - |  | 3 |  |  |  |
|  | Social/Behavioral Science - |  | 3 |  |  |  |
|  | Math \& Natural Science - CHEM 211 | CHM 125 Chemistry I | 5 |  |  | Major Requirement. |
| Additional Courses <br> At least 9 hours must be numbered 300 or higher | Gen Ed Division 1 CHEM 531 | No Equivalent | 5 |  |  | Major Requirement. 300+ level course |
|  | Gen Ed Division 2 - |  | 3 |  |  | 300+ level course |
|  | Gen Ed Any Division - |  | 3 |  |  |  |
|  | Gen Ed Any Division - |  | 3 |  |  | $300+$ level course |

NOTE: Students who have completed an AA or AS through a Kansas Community College may choose to fulfill general education requirements by completing two 300-level courses at Wichita State University.

## Fairmount College of Liberal Arts and Sciences (LAS) Breadth Requirements May also be listed in general education section and major requirements

|  | WSU Course | WSU Tech Course | CR | Grade | Sem/YR | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Humanities/ Fine Arts | Fine Arts - | ART 100, MUS 110 or THR 100 | 3 |  |  | Gen Ed. |
|  | Humanities - $1^{\text {st }}$ Discipline |  | 3 |  |  | Gen Ed. |
|  | Humanities - 2 ${ }^{\text {nd }}$ Discipline |  | 3 |  |  |  |
|  | Humanities/Fine Arts Upper Division |  | 3 |  |  | Gen Ed. |
| Social/ <br> Behavioral <br> Sciences <br> Candidates for the $B A$ and BGS degrees must take 12 credit hours in three different departments with the distribution to the right. | Social/Behavioral Science - $1^{\text {st }}$ Discipline |  | 3 |  |  | Gen Ed. |
|  | Social/Behavioral Science - 2 ${ }^{\text {nd }}$ Discipline |  | 3 |  |  |  |
|  | Social/Behavioral <br> Science - Upper Division |  | 3 |  |  | Gen Ed. |
|  | Social/Behavioral <br> Science - Additional <br> Course |  | 3 |  |  |  |
| Natural Sciences | Natural Science - CHEM 211 General Chemistry I | CHM 125 Chemistry I | 4 |  |  | Major <br> Requirement. <br> Gen Ed. |
|  | Natural Science - |  | 5 |  |  |  |
|  | Natural Science - CHEM 531 Organic Chemistry I | No Equivalent | 5 |  |  | Major <br> Requirement. <br> Gen Ed. |

## $\Rightarrow$ Additional LAS Requirements

|  | WSU Course | WSU Tech Course | CR | Grade | Sem/YR | Notes |
| :--- | :--- | :--- | :---: | :---: | :---: | :---: |
| Can also count <br> towards Gen Ed <br> and Breadth <br> Requirements | Literature Requirement | ENG 110 Intro to <br> Literature | Civics Course | HIS 110, HIS 120, or <br> POL 101 | 3 |  |

## Foreign Language Requirement

|  | WSU Option | CR | Grade | Sem/YR | Notes |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Choose one <br> option | Option 1: Intermediate Proficiency in 1 language |  |  |  | Spanish 1 has <br> limited <br> availability at <br> Tech. |
|  | Option 2: 111/112 in 2 Languages or 2 Years in HS + <br> $111 / 112$ in 2 ${ }^{\text {nd }}$ Language |  |  |  |  |
|  | Option 3: American Sign Language |  |  |  |  |
|  | Option 4: 111/112 or 2 years in HS + ASL I, II and <br> ASL Elective |  |  |  |  |


|  | WSU Course | WSU Tech Course | CR | Grade | Sem/YR | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CHEM 211 General Chemistry I | CHM 125 Chemistry I | 5 |  |  |  |
|  | CHEM 212 General Chemistry II | CHM 135 Chemistry II | 5 |  |  |  |
|  | CHEM 523 Analytical Chemistry | No Equivalent | 4 |  |  | Fall only |
|  | CHEM 524 Instrumental Methods of Chemical Analysis | No Equivalent | 4 |  |  | Spring only |
|  | CHEM 531 Organic Chemistry I | No Equivalent | 5 |  |  |  |
|  | CHEM 532 Organic Chemistry II | No Equivalent | 5 |  |  | Fall/Spring only |
|  | CHEM 545 Physical Chemistry I | No Equivalent | 3 |  |  | Fall only |
|  | CHEM 546 Physical Chemistry II | No Equivalent | 3 |  |  | Spring only |
|  | CHEM 547 Physical Chemistry Lab | No Equivalent | 2 |  |  | Fall only |
|  | Students who wish to take biochemistry and inorganic chemistry may satisfy BA requirements with one of three options. Speak with LAS Advising for options. |  |  |  |  |  |

## Supporting Science and Math Requirements

| WSU Course | WSU Tech Course | CR | Grade | Sem/YR | Notes |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | PHYS 313 Physics for <br> Scientists I | No Equivalent | 4 |  |  | Fall/Spring only |
|  | PHYS 315 University <br> Physics I Lab | No Equivalent | 1 |  |  | Fall/Spring only |
|  | PHYS 314 Physics for <br> Scientists II | No Equivalent | 4 |  |  | Fall/Spring only |
|  | PHYS 316 University <br> Physics II Lab | No Equivalent | 1 |  |  | Spring only |
|  | MATH 112 Pre-Calculus <br> or Equivalent | MTH 112 \& MTH 113 | 5 |  |  | Trig |

Students who meet the requirements of the BA program may be certified by the American Chemical Society if they also take CHEM $514,524,545,547,615,616$ and 6 hours of professional development courses.

Students planning to become teachers of chemistry should complete the BA program.
Students in the BA in Chemistry program are required to complete an applied learning or research experience to graduate from the program. The requirement can be met by enrollment in two credit hours of CHEM 690 or CHEM 481.

## $\Rightarrow$ AA Graduation Requirements

Earn credit for 60 cumulative hours.
Earn a minimum of 15 hours at WSU.
Earn a minimum of 48 hours in Liberal Arts and Sciences coursework.
Complete all general education requirements.
Maintain an overall, WSU and cumulative GPA of 2.00 or higher.

## BA in Chemistry Graduation Requirements

Earn credit for 120 cumulative hours.
Earn credit in a minimum of 60 hours at a 4 -year institution.
Earn credit in a minimum of 45 hours of upper-division coursework at a 4-year institution.
Complete all general education requirements.
Maintain an overall, WSU, and program GPA of 2.50 or higher.
At least 24 of last 30 or 50 of last 60 credit hours must be completed at WSU.

## $\Rightarrow$ Advising Resources

WSU Tech Academic Advisor:
Shelby Berry
Phone: 316.677.1727
Email: ssmith42@wsutech.edu

## WSU Returning Adult Specialist:

Jenna Randall
Phone: 316.978.8406
Email: jenna.randall@wichita.edu
ShockerPathway@wichita.edu
Fairmount College of Liberal Arts and Sciences (LAS) Advising Center
www.wichita.edu/lasadvising
316-978-3700 Option 2
LAS.advisor@wichita.edu

## $\Rightarrow$ Connect with Shocker Pathway Resources

www.wichita.edu/academics/adult learning/shocker pathway.php
Instagram: ShockerPathwayWSU
Twitter: @ShockerPathway
Facebook: @WSUShockerPathway
Suggested Course Sequence at WSU Tech for WSU Gen Ed Policy

|  | WSU Tech Course | CR | Prerequisite | Notes |
| :---: | :---: | :---: | :---: | :---: |
| WSU Tech Semester 1 | ENG 101 Composition I | 3 | Qualifying entrance score | If not eligible for ENG 101 take first English course available |
|  | MTH 112 College Algebra | 3 | Qualifying entrance score | If not eligible for MTH 112 take first math course available |
|  | SPH 101 Public Speaking | 3 |  |  |
|  | CHM 125 Chemistry I | 5 | See Tech Advisor |  |
| WSU Tech Semester 2 | ENG 120 Composition II | 3 | ENG $101 \mathrm{w} / \mathrm{min}$ C |  |
|  | CHM 135 Chemistry II | 5 | CHM $125 \mathrm{w} / \mathrm{min}$ C |  |
|  | MTH 113 Trigonometry | 3 | MTH $112 \mathrm{w} / \mathrm{min} \mathrm{C}$ or score | Students that place into MTH 113 or MTH 125 can start in those courses. |
|  | Fine Arts | 3 |  |  |
| WSU Tech Semester 3 | MTH 125 Calculus I | 5 |  | Students that place into MTH 113 or MTH 125 can start in those courses. |
|  | Social/Behavioral Science - | 3 |  |  |
|  | Humanities - | 3 |  |  |
|  | Social/Behavioral Science - | 3 |  |  |
|  | ORI 003 Shocker Pathway Transfer | 0 |  |  |
| Courses to Finish AA at WSU | CHEM 531 Organic Chemistry I | 5 | CHM II w/ min C | Suggested: Spring/Fall |
|  | MATH 243 Calculus II | 5 | MTH $125 \mathrm{w} / \mathrm{min}$ C |  |
|  | Foreign Language Requirement | 5 |  | Suggested: Spring/Fall |
|  | Humanities - Upper Division | 3 |  | Suggested: Summer |
|  | Social/Behavioral Science Upper Division | 3 |  | Suggested: Summer |

