

Originating Institution: Cincinnati State Technical & Community College  
Degree/Program: Associate of Science (AS/ASCI) No Concentration

Target Institution: University of Cincinnati College of Arts & Sciences  
Degree/Program: Bachelor of Arts (BA) Biology

Introduction: This agreement details the applicability of courses from the Cincinnati State Technical & Community College AS/ASCI to the BA Biology program in the UC College of Arts & Sciences. Students who complete the AS/ASCI at Cincinnati State Technical & Community College have partially satisfied the UC General Education requirement.

Articulation Overview: Graduates from Cincinnati State Technical & Community College who have followed the prescribed program and are accepted into the UC College of Arts & Sciences will enter into the third year of the BA Biology program.

Admission Criteria: \*Note: completing the courses on the appendices below does not guarantee admission to the UC BA Biology program.

Minimum GPA: 2.0

Completion: Completion of this program may require more than four semesters to complete due to prerequisite requirements and the order in which required courses must be taken and are offered. UC academic advising staff will work with each transfer student to develop the most expedient pathway to graduation.

Admission Period: Cincinnati State Technical & Community College students must be admitted to the UC College of Arts & Sciences during the duration of this agreement (i.e. between July 2023 and July 2024).

Agreement Execution Date: July 2023

Agreement End Date: July 2024

#### EXECUTION, DURATION AND REVIEW OF AGREEMENT:

This agreement becomes effective upon its signing by the Deans of both Colleges and will remain effective for three years. At the end of this time, the agreement will be reviewed and may be renegotiated. Cincinnati State Technical & Community College and the UC College of Arts & Sciences agree to keep one another informed as program changes affecting the agreement occur. The Deans of both Colleges will agree upon any future additions and/or amendments to this document in writing.

This agreement will be reviewed on an annual basis and is subject to change due to revisions in program curriculum.

Cincinnati State Technical & Community College students are encouraged to work closely with their academic advisors to monitor possible changes.

# TRANSFER ARTICULATION AGREEMENT

Cincinnati State Technical & Community College  
 Associate of Science (AS/ASCI), No Concentration  
 to  
 University of Cincinnati, College of Arts & Sciences  
 Bachelor of Arts, Biology



SEE ATTACHED APPENDICES (A) COURSE CINCINNATI STATE ADVISING DOCUMENT AND (B) SAMPLE TRANSFER DEGREE MAP

|  |        |   |        |
|--|--------|---|--------|
| Geoff Woolf, MS, MFA<br>Dean, Humanities and Sciences Division<br>Cincinnati State Technical & Community College         | [date] | James Mack, PhD<br>Dean<br>College of Arts & Sciences<br>University of Cincinnati   | [date] |
| Jennifer Martin, MA<br>Program Chair, Humanities and Sciences Division<br>Cincinnati State Technical & Community College | [date] | Stephanie Rollmann, PhD<br>Professor & Department Head, Biological Sciences<br>College of Arts & Sciences<br>University of Cincinnati | [date] |
| Myshamil Walker, EdD<br>Director, Transfer Center<br>Cincinnati State Technical & Community College                      | [date] | LaSharon D. Mosley, PhD<br>Undergraduate Director, Biological Sciences<br>College of Arts & Sciences<br>University of Cincinnati      | [date] |

**Primary Contact Person for this Agreement:**

|                        | Cincinnati State  | University of Cincinnati   |
|------------------------|---|--|
| <b>Name</b>            | Myshamil Walker, EdD  | Andrew Shrigley  |
| <b>Title</b>           | Director, Transfer Center   | Sr Transfer & Articulation Specialist<br>College Credit Services, Enrollment Management            |
| <b>Email</b>           | Myshmail.walker@cincinnatiastate.edu  | credeval@uc.edu  |
| <b>Mailing Address</b> | Cincinnati State Technical & Community College<br>3520 Central Parkway<br>Cincinnati, Ohio 45223-2690 | College Credit Services<br>University Pavilion 120<br>PO Box 210202<br>Cincinnati, Ohio 45221-0202 |

# Transfer Degree Map

FROM

Cincinnati State Technical & Community College  
**Associate of Science (AS/ASCI)**  
**No Concentration**

TO

University of Cincinnati  
College of Arts & Sciences  
**Bachelor of Arts (BA)**  
**Biology**

This agreement is valid from **July 2023** to **July 2024**

## Admissions & Deadlines

**Transfer Admissions Information:** [admissions.uc.edu/information/transfer](https://admissions.uc.edu/information/transfer)

### Admission Criteria:

- Completion of the courses on this worksheet does not guarantee admission to the BA Biology program.
- Students who complete the AS/ASCI at Cincinnati State Technical & Community College have partially satisfied the UC General Education requirement.
- Students must be admitted to the UC College of Arts & Sciences during the duration of this agreement.
- Minimum GPA: 2.0

## Tuition & Scholarships

**General Tuition & Fees:** [uc.edu/bursar/fees](https://uc.edu/bursar/fees)

**Scholarships for transfer students:** [financialaid.uc.edu/sfao/scholars/transfer](https://financialaid.uc.edu/sfao/scholars/transfer)

## Contact Information

### UC admissions questions:

Undergraduate Admissions

Web: [admissions.uc.edu](https://admissions.uc.edu)

Email: [transfer@uc.edu](mailto:transfer@uc.edu)

### Pre-transfer and transition advising at UC:

Transfer & Transition Advising Center

Web: [uc.edu/transferadvising](https://uc.edu/transferadvising)

Email: [transfer@uc.edu](mailto:transfer@uc.edu)

### Details of this agreement or equivalencies:

Andrew Shrigley, Sr Transfer & Articulation Specialist,  
College Credit Services, [credeval@uc.edu](mailto:credeval@uc.edu)

## More Information

### BA Biology majors in the College of Arts & Sciences:

<https://www.artsci.uc.edu/departments/biology.html>

### Experience Based Learning (Internships & Cooperative Education):

<https://www.uc.edu/experience-based-learning.html>

### General information about the University of Cincinnati: [uc.edu](https://uc.edu)

## Appendix A: Cincinnati State Advising Document

| <b>Coursework Articulation</b>   |  |        |   |  |           |             |
|--|--|--------|---|--|-----------|-------------|
| <b>Agreement Execution Date: July 2023</b>   |  |        |   | <b>Agreement End Date: July 2024</b>                             |           |             |
| <b>Cincinnati State</b>  |  |        | <b>University of Cincinnati</b>                             |  |           |             |
| Course ID  | Course Title   | Hrs    | Course ID   | Course Title   | Hrs       | GenEd (BoK) |
| <i>Course prerequisites may not be listed below. Your Cincinnati State advisor will help you navigate the prerequisites.</i> |  |        |   |  |           |             |
| <b>First Year Experience (FYE) Requirement</b>   |  |        |   |  |           |             |
| FYE XXX  | First Year Experience Course   | 1      | FYE/MLTI/ORNT 1000BLOCK                                     | 1000 Level Credit  | 1         | FYE         |
| <b>OT36 English Composition (6 credits)</b>  |  |        | <b>English Composition</b>                                  |  |           |             |
| ENG 101  | English Composition I  | 3      | ENGL 1001   | English Composition  | 3         | EC          |
| ENG 102<br>or ENG 103<br>or ENG 104  | English Composition Elective   | 3      | ENGL 2089   | Intermediate Composition   | 3         | EC          |
| <b>OT36 Communication (3 credits)</b>  |  |        | <b>Humanities</b>   |  |           |             |
| COM 110  | Public Speaking  | 3      | COMM 1071   | Intro to Public Speech   | 3         | HU          |
| <b>OT36 Mathematics (3 credits)</b>  |  |        | <b>Quantitative Reasoning</b>                               |  |           |             |
| MAT 251*   | Calculus 1*  | 5      | MATH 1061   | Calculus I   | 4<br>-    | QR          |
| <b>OT36 Social/Behavioral Sciences (6 credits)</b>   |  |        | <b>Historical Perspectives (HIST) &amp; Social Sciences</b> |  |           |             |
| List A   | Choose from HST 101, 102, 111, 112, 161, 162   | 3      | HIST 1XXX   | Historical Perspectives Elective (HIST Course)                   | 3         | HP          |
| List B   | Choose any course  | 3      |   | <i>Social Science Elective</i>                                   | 3         | SS          |
| <b>OT36 Arts/Humanities (6 credits)</b>  |  |        | <b>Historical Perspectives &amp; Humanities/Literature</b>  |  |           |             |
| ART 111<br>or 112  | Art Hist: Ancient to Medieval Periods<br>or Art Hist: Renaissance to Present                   | 3      | ARTH 1001<br>or 1002  | History of Art I<br>or History of Art II                         | 3         | HP          |
| List B   | Choose Any Course  | 3      | BoK: HU   | Humanities/Literature Req.                                       | 3         | HU          |
| <b>OT36 Natural/Physical Science (6+ credits)</b>  |  |        | <b>Biology Major Courses</b>                                |  |           |             |
| BIO 131  | Biology 1  | 5      | BIOL 1081<br>and BIOL 1081L                                 | Biology 1: Molecules, Cells & the Foundations of Life<br>and Lab | 3<br>1    | NS          |
| BIO 132  | Biology 2  | 5      | BIOL 1082<br>and BIOL 1082L                                 | Biology 2: Evolution, Physiology, and Ecology<br>and Lab         | 3<br>1    | NS          |
| <b>OT36 Math/Science Electives (6 credit min)</b>  |  |        | <b>Chemistry &amp; Quantitative Reasoning</b>               |  |           |             |
| CHE 121<br>and CHE 131   | General Chemistry 1<br>and General Chemistry 1 Lab   | 4<br>1 | CHEM 1040<br>and CHEM 1040L                                 | General Chemistry 1<br>and General Chemistry 1 Lab               | 4<br>1    | NS          |
| MAT 131  | Statistics 1   | 3      | STAT 1034   | Elementary Statistics I  | 3         | QR          |
| <b>Directed Electives (21 credit min)</b>  |  |        | <b>Free Electives &amp; Biology Requirements</b>            |  |           |             |
| MAT 151*   | College Algebra*   | 4      | MATH 1021   | College Algebra<br>(Free Elective)                               | 3<br>(+1) | QR          |
| MAT 152*   | Trigonometry*  | 4      | MATH 1022   | Trigonometry<br>(Free Elective)                                  | 3<br>(+1) | QR          |
| BIO 270<br>or BIO 250  | Ecology (Environ./Organism Focus)<br>or Cell Biology (Medical Focus)<br>(consult with adviser) | 5      | BIOL 2084C<br>or BIOL 2085C                                 | Ecology & Evolution<br>or Cell Biology                           | 4<br>(+1) |             |

|   |   |            |  |   |           |    |
|---|---|------------|--|---|-----------|----|
| CHE 122<br><i>and</i> CHE 132                     | General Chemistry 2<br><i>and</i> General Chemistry 2 Lab | 4<br>1     | CHEM 1041<br><i>and</i> CHEM 1041L                 | General Chemistry 2<br><i>and</i> General Chemistry 2 Lab | 4<br>1    | NS |
| BIO 260   | Genetics  | 5          | BIOL 2083  | Genetics  | 3<br>(+2) |    |
| <b>Cooperative Education (4 credits)</b>          |   |            |  |   |           |    |
| HUM 190   | Career Exploration Seminar                                | 2          | MLTI 1073  | Student Success<br>(+1 hr Free Elective)                  | 1<br>+1   |    |
| HUM XXX   | Co-Op/Internship: In consultation with coordinator        | 1          | COOP or PD 1000BLOCK                               | 1000 Level Credit   | 1         |    |
| HUM XXX   | Co-Op/Internship: In consultation with coordinator        | 1          | COOP or PD 1000BLOCK                               | 1000 Level Credit   | 1         |    |
| <b>Total Credits Required for AS/ASCI Degree:</b> |   | <b>64+</b> | <b>Total Credits Applied to BA Biology Degree:</b> |   | <b>64</b> |    |

Course prerequisites may not be listed in table above. Your Cincinnati State advisor will help you navigate the necessary prerequisites.  
\*Course requirement/option will be dependent on Math Placement at Cincinnati State.

| <b>UC General Education/Breadth of Knowledge (BoK) key:</b> |                                    |                                |
|---|------------------------------------|--------------------------------|
| DC – Diversity and Culture                                  | DEI – Diversity, Equity, Inclusion | EC – English Composition       |
| FA – Fine Arts  | HP – Historical Perspectives       | HU – Humanities & Literature   |
| NS – Natural Sciences                                       | QR – Quantitative Reasoning        | SCE – Society, Culture, Ethics |
| SE – Social and Ethical Issues                              | SS – Social Sciences               | TI – Technology and Innovation |

| <b>The following coursework will be required to complete the BA Biology at UC</b>                                 |   |              |            |
|---|---|--------------|------------|
| <b>Course ID</b>  | <b>Course Title</b>   | <b>Cr Hr</b> | <b>BoK</b> |
| <b>Biology Major Courses</b>  |   |              |            |
| BIOL 2061<br><i>or</i> PD 2045  | Professionalism, Purpose, and Careers in Biology<br><i>or</i> Professionalism, Purpose, and Success Pre-Health Pathway    | 2            |            |
| BIOL 3XXX+  | Biology Electives: Choose 5 courses at the 3000 level or above.<br>2 of these courses must include a laboratory component | 17           |            |
| BIOL 5050   | Biology Capstone  | 1            |            |
| <b>Chemistry Courses</b>  |   |              |            |
| <b>Choose one, two-semester sequence below. CHEM 2040/2041 series required for professional or graduate study</b> |   |              |            |
| CHEM 2030<br><i>and</i> CHEM 2030L  | Survey of Biochemistry I<br><i>and</i> Lab I  | 4<br>1       |            |
| CHEM 2031<br><i>and</i> CHEM 2031L  | Survey of Biochemistry II<br><i>and</i> Lab II  | 4<br>1       |            |
| <b>OR</b>   |   |              |            |
| CHEM 2040<br><i>and</i> CHEM 2040L  | Organic Chemistry I<br><i>and</i> Lab I   | 4<br>1       |            |
| CHEM 2041<br><i>and</i> CHEM 2041L  | Organic Chemistry II<br><i>and</i> Lab II   | 4<br>1       |            |
| <b>General Education &amp; Elective Courses</b>   |   |              |            |
| PD 4070   | Professionalism & The Common Good   | 1            |            |
| BoK: DEI  | Diversity, Equity, and Inclusion Course   | 3            | DEI        |
| BoK: SS   | Social Sciences Course  | 3            | SS         |
|   | Foreign Language Courses  | 10-12        | SCE        |
|   | Free Electives and/or Minor Courses   | 6-9          |            |
| <b>BA Biology credit hours remaining</b>  |   | <b>56</b>    |            |
| <b>Transfer credits from Cincinnati State</b>   |   | <b>64+</b>   |            |
| <b>Total hours to complete BA Biology degree</b>  |   | <b>120</b>   |            |

## Appendix B: Curriculum Equivalencies & Sample Transfer Degree Map

The following suggested course sequence includes all course requirements for this articulation agreement (e.g. courses required for the Cincinnati State Technical & Community College AS/ASCI and remaining UC courses for the BA Biology). You should consult with an academic adviser each semester to ensure you maintain appropriate degree progress and are fulfilling all requirements for the agreement. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic adviser. For details beyond course planning, please consult with your academic adviser or the Transfer & Transition Advising Center.

Students are required to complete MAT 131 Statistics 1 and MAT 251 Calculus 1 at Cincinnati State.

| SEMESTER 1 (Fall)     |  |       |                             |  |                |
|-----------------------|--|-------|-----------------------------|--|----------------|
| Cincinnati State      |  |       | University of Cincinnati    |  |                |
| Course ID             | Course Title   | Cr Hr | Course ID                   | Course Title                                       | Cr Hr          |
| FYE 1XX               | First Year Experience Elective   | 1     | FYE/MLTI/ORNT 1000 BLOCK    | FYE/MLTI/ORNT 1000 Level Credit<br>(Free Elective) | 1              |
| ENG 101               | English Composition I  | 3     | ENGL 1001                   | English Composition                                | 3              |
| MAT 151*              | College Algebra*<br>(OT36 Math Elective)   | 4     | MATH 1021                   | College Algebra [QR]<br>(+1 hr Free Elective)      | 3<br>(+1)      |
| BIO 131               | Biology 1<br>(OT36 Natural/Physical Science List A Elective 1)   | 5     | BIOL 1081<br>and BIOL 1081L | Biology 1<br>and Lab<br>(+1 hr free elective)      | 3<br>1<br>(+1) |
| ART 111<br>or ART 112 | Art Hist: Ancient to Medieval Periods<br>or Art Hist: Renaissance to Present<br>(OT36 Arts/Humanities List A Elective) | 3     | ARTH 1001<br>or 1002        | History of Art I [HP]<br>or History of Art II [HP] | 3              |

\*MAT 151 course selection will be dependent on Math Placement at Cincinnati State

| SEMESTER 2 (Spring)                 |   |       |                             |   |                |
|-------------------------------------|---|-------|-----------------------------|---|----------------|
| Cincinnati State                    |   |       | University of Cincinnati    |   |                |
| Course ID                           | Course Title  | Cr Hr | Course ID                   | Course Title                                  | Cr Hr          |
| ENG 102<br>or ENG 103<br>or ENG 104 | English Composition Elective                              | 3     | ENGL 2089                   | Intermediate Composition                      | 3              |
| BIO 132                             | Biology 2<br>(Natural/Physical Science List A Elective 2) | 5     | BIOL 1082<br>and BIOL 1082L | Biology 2<br>and Lab<br>(+1 hr free elective) | 3<br>1<br>(+1) |
| MAT 152*                            | Trigonometry*<br>(Directed Elective 1)                    | 4     | MATH 1022                   | Trigonometry                                  | 3<br>(+1)      |
| HUM 190                             | Career Exploration Seminar: Associate<br>of Science       | 2     | MLTI 1073                   | Student Success<br>(+1 hr Free Elective)      | 1<br>(+1)      |

\*MAT 152 requirement will be dependent on Math Placement at Cincinnati State

### SEMESTER 3 (Summer)

| Cincinnati State |   |       | University of Cincinnati |  |           |
|------------------|---|-------|--------------------------|--|-----------|
| Course ID        | Course Title  | Cr Hr | Course ID                | Course Title                                 | Cr Hr     |
| COMM 110         | Public Speaking   | 3     | COMM 1071                | Intro to Public Speech [HU]                  | 3         |
| OT36             | <b>Choose from:</b> HST 101, 102, 111, 112, 161, 162<br><i>(OT36 Social/Behavioral Science List A Elective)</i> | 3     | HIST 1XXX                | <i>Historical Perspectives Course (HIST)</i> | 3         |
| MAT 251*         | Calculus 1*<br><i>(Directed Elective 2)</i>   | 5     | MATH 1061                | Calculus I                                   | 4<br>(+1) |

\*Consult Cincinnati State advisor for course option if MAT 251 was previously completed

### SEMESTER 4 (Fall)

| Cincinnati State       |   |        | University of Cincinnati    |  |           |
|------------------------|---|--------|-----------------------------|--|-----------|
| Course ID              | Course Title  | Cr Hr  | Course ID                   | Course Title   | Cr Hr     |
| CHE 121<br>and CHE 131 | General Chemistry 1<br>and General Chemistry 1 Lab<br><i>(OT36 Math/Science Elective 1)</i>         | 4<br>1 | CHEM 1040<br>and CHEM 1040L | General Chemistry I<br>and Lab                           | 4<br>1    |
| HUM XXX                | Co-op/Internship Elective 1   | 1      | COOP or PD<br>1000BLOCK     | Co-Op/ProDev 1000 Level Credit<br><i>(Free Elective)</i> | 1         |
| OT36                   | Arts/Humanities List B Elective   | 3      | BoK: HU                     | <i>Humanities/Literature Course</i>                      | 3         |
| BIO 270<br>or BIO 250  | Ecology (Environ/Organism Focus)<br>or Cell Biology (Medical Focus)<br><i>(Directed Elective 3)</i> | 5      | BIOL 2084C<br>or BIOL 2085C | Ecology & Evolution<br>or Cell Biology                   | 4<br>(+1) |

### SEMESTER 5 (Spring)

| Cincinnati State |   |       | University of Cincinnati |  |       |
|------------------|---|-------|--------------------------|--|-------|
| Course ID        | Course Title  | Cr Hr | Course ID                | Course Title   | Cr Hr |
| HUM XXX          | Co-op/Internship Elective 2                           | 1     | COOP or PD<br>1000BLOCK  | Co-Op/ProDev 1000 Level Credit<br><i>(Free Elective)</i> | 1     |
| OT36             | Social/Behavioral List B Elective                     | 3     | BoK: SS                  | <i>Social Science Course</i>                             | 3     |
| MAT 131          | Statistics 1<br><i>(OT36 Math/Science Elective 2)</i> | 3     | STAT 1034                | Elementary Statistics I                                  | 3     |

|                        |   |        |                             |                                 |           |
|------------------------|---|--------|-----------------------------|---------------------------------|-----------|
| CHE 122<br>and CHE 132 | General Chemistry 2<br>and General Chemistry 2 Lab<br><br>(Directed Elective 4) | 4<br>1 | CHEM 1041<br>and CHEM 1041L | General Chemistry II<br>and Lab | 4<br>1    |
| BIO 260                | Genetics<br><br>(Directed Elective 5)   | 5      | BIOL 2083                   | Genetics<br>(+2 Free Elective)  | 3<br>(+2) |

|  |            |  |            |
|--|------------|--|------------|
| Total credits required for AS/ASCI degree: | <b>64+</b> | Total credits applied to UC Program:   | <b>64</b>  |
|  |            | Total credits remaining for UC Degree: | <b>56</b>  |
|  |            | Total credits required for UC Degree:  | <b>120</b> |

## Remaining Coursework at University of Cincinnati

The suggested course sequence below includes all remaining courses required for the BA Biology. Students may also choose to complete internships or cooperative education opportunities that are available. Course sequencing below assumes a fall start date. If starting the program during any other term, please consult with your academic adviser. For details beyond course planning, please consult with your academic adviser or the Transfer & Transition Advising Center.

**Note:** the exact number of credits remaining may vary dependent on the number of free electives completed at Cincinnati State and if minor is pursued at UC.

| SEMESTER 6 (Fall)           |  |              |
|-----------------------------|--|--------------|
| Course ID                   | Course Title   | Cr Hr        |
| BIOL XXXX                   | Upper-Level Biology Elective (1 of 5)  | 3            |
| CHEM 20XX<br>and CHEM 20XXL | Chemistry Sequence with Laboratory (1 of 2)  | 5            |
| XXXX                        | Foreign Language 1   | 3-5          |
| BIOL 2061<br>or PD 2045     | Professionalism, Purpose, and Careers in Biology<br>or Professionalism, Purpose, and Success on the Pre-Health Pathway | 2            |
|                             |  | <b>13-15</b> |

| SEMESTER 7 (Spring)         |   |       |
|-----------------------------|---|-------|
| Course ID                   | Course Title                                | Cr Hr |
| BIOL XXXX                   | Upper-Level Biology Elective (2 of 5)       | 3     |
| CHEM 20XX<br>and CHEM 20XXL | Chemistry Sequence with Laboratory (1 of 2) | 5     |



|         |                         |              |
|---------|-------------------------|--------------|
| XXXX    | Foreign Language 2      | 3-5          |
| BoK: SS | Social Science Elective | 3            |
|         |                         | <b>14-16</b> |

| <b>SEMESTER 8 (Fall)</b> |   |              |
|--------------------------|---|--------------|
| <b>Course ID</b>         | <b>Course Title</b>   | <b>Cr Hr</b> |
| BIOL XXXX                | Upper-Level Biology Elective (3 of 5)   | 3            |
| BIOL XXXX                | Upper-Level Biology Elective with Lab (4 of 5)  | 4            |
| XXXX                     | Foreign Language 3 ( <i>required if completing 12 credit sequence</i> )<br>or Free Elective or Minor Course | 3            |
| BoK: DEI                 | Diversity, Equity, & Inclusion Contemporary Topics Elective   | 3            |
| XXXX                     | Free Elective or Minor Course ( <i>needed if taking 12 credits foreign language</i> )                       | 3            |
|                          |   | <b>13-16</b> |

| <b>SEMESTER 9 (Spring)</b> |   |              |
|----------------------------|---|--------------|
| <b>Course ID</b>           | <b>Course Title</b>   | <b>Cr Hr</b> |
| BIOL XXXX                  | Upper-Level Biology Elective with Lab (5 of 5)  | 4            |
| BIOL 5050                  | Biology Capstone  | 1            |
| PD 4070                    | Professionalism & The Common Good   | 1            |
| XXXX                       | Foreign Language 4 ( <i>required if completing 12 credit sequence</i> )<br>or Free Elective or Minor Course | 3            |
| XXXX                       | Free Elective or Minor Course   | 3            |
| XXXX                       | Free Elective or Minor Course ( <i>if needed</i> )  | 1-3          |
|                            |   | <b>13-15</b> |