



## Transfer Guide

**Northeast Wisconsin Technical College Laboratory Science Technology Associate Degree – Biological Emphasis to UW-Green Bay Bachelor of Science degree, Human Biology major, all emphases**

**Effective Date: 06/01/2021**

**Review Date: 06/01/2023**

### Transfer Plan Highlights:

- **Students can utilize the courses and skills from the Associate Degree in Laboratory Science Technology toward a 4-year degree in Human Biology**
- **Human Biology has multiple emphases with the transfer credits able to be applied to the appropriate emphasis**

### Course Transfer Conditions

- **Students must be accepted to UW-Green Bay to receive transfer credits**
- **The table on page 2 details course to course equivalencies.**
- **The tables on pages 3-8 detail additional requirements students must complete in order to earn the Bachelor of Science degree. Students must complete all UWGB residency requirements in order to graduate.**
- **Students choosing a major other than Human Biology will have different and/or additional requirements to complete.**
- **Northeast Wisconsin Technical College courses taken outside of the Laboratory Science Technology degree program will be evaluated on a course by course basis.**

**For more information, please contact:**

**UW-Green Bay Transfer Admissions**

[uwgb@uwgb.edu](mailto:uwgb@uwgb.edu)

920-465-2111

[www.uwgb.edu/transfer](http://www.uwgb.edu/transfer)

**College of Science, Engineering, and Technology**

[cst@uwgb.edu](mailto:cst@uwgb.edu)

920-465-2104

[www.uwgb.edu/cset](http://www.uwgb.edu/cset)

This page details how your Northeast Wisconsin Technical College work will transfer to UW-Green Bay

| Northeast Wisconsin Technical College |                                  |           | UW-Green Bay                  |  |           |
|---------------------------------------|----------------------------------|-----------|-------------------------------|--|-----------|
| First Semester                        |                                  |           |                               |  |           |
| Course No.                            | Course Title                     | Credits   | Course No.                    | Course Title/Field   | Credits   |
| 890-101                               | College 101                      | 1         |                               | Not Transferrable  | 0         |
| 804-197                               | College Algebra and Trig w Apps. | 5         | MATH 104                      | Pre-Calculus   | 5         |
| 806-135                               | College Chemistry                | 5         | CHEM 211 + 213                | Principles of Chemistry 1 + Lab<br>Gen Ed: Quantitative Literacy | 5         |
| 506-136                               | College Chemistry 2              | 5         | CHEM 212 + 214                | Principles of Chemistry 2 + Lab                                  | 5         |
| <b>Total credits earned</b>           |                                  | <b>16</b> | <b>Total credits accepted</b> |  | <b>15</b> |

| Second Semester             |                       |           |                               |   |           |
|-----------------------------|-----------------------|-----------|-------------------------------|---|-----------|
| Course No.                  | Course Title          | Credits   | Course No.                    | Course Title/Field  | Credits   |
| 801-136                     | English Composition 1 | 3         | WF 100                        | First Year Writing  | 3         |
| 806-114                     | General Biology       | 4         | BIOLOGY 201+202               | Principles of Biology: Cell/Molecular<br>Gen Ed: Biological Science | 4         |
| 806-154                     | General Physics 1     | 4         | PHYSICS 103                   | Fundamentals of Physics 1<br>Gen Ed: Natural Science                | 4         |
| 806-197                     | Microbiology          | 4         | BIOLOGY 323 + 324             | Principles of Microbiology + Lab                                    | 4         |
| 806-164                     | General Physics 2     | 4         | PHYSICS 104                   | Fundamentals of Physics 2   | 4         |
| <b>Total credits earned</b> |                       | <b>19</b> | <b>Total credits accepted</b> |   | <b>19</b> |

| Summer Semester             |                                 |          |                               |   |          |
|-----------------------------|---------------------------------|----------|-------------------------------|---|----------|
| Course No.                  | Course Title                    | Credits  | Course No.                    | Course Title/Field                                | Credits  |
| 506-137                     | Laboratory Intern Experience    | 1        | CHEM 207                      | Laboratory Safety                                 | 1        |
| 809-166                     | Intro to Ethics: Theory and App | 3        | PHILOS 102                    | Contemporary Ethical Issues<br>Gen Ed: Humanities | 3        |
| 809-198                     | Intro to Psychology             | 3        | PSYCH 102                     | Intro to Psychology<br>Gen Ed: Social Science     | 3        |
| <b>Total credits earned</b> |                                 | <b>7</b> | <b>Total credits accepted</b> |   | <b>7</b> |

| Third Semester              |                            |           |                               |   |           |
|-----------------------------|----------------------------|-----------|-------------------------------|---|-----------|
| Course No.                  | Course Title               | Credits   | Course No.                    | Course Title/Field                                      | Credits   |
| 506-138                     | Experimental Design        | 1         |                               | Elective Credit   | 1         |
| 506-157                     | Applied Statistics         | 4         | MATH 260                      | Applied Statistics                                      | 4         |
| 506-160                     | Organic Chemistry 1        | 4         | CHEM 302 + 304                | Organic Chemistry 1 + Lab                               | 4         |
| 506-162                     | Organic Chemistry 2        | 4         | CHEM 303 + 305                | Organic Chemistry 2 + lab                               | 4         |
| 809-172                     | Intro to Diversity Studies | 3         | HUM STUD 213                  | Ethnic Diversity Human Values<br>Gen Ed: Ethnic Studies | 3         |
| <b>Total credits earned</b> |                            | <b>16</b> | <b>Total credits accepted</b> |   | <b>16</b> |

| Fourth Semester             |                                |          |                               |                            |          |
|-----------------------------|--------------------------------|----------|-------------------------------|----------------------------|----------|
| Course No.                  | Course Title                   | Credits  | Course No.                    | Course Title/Field         | Credits  |
| 506-159                     | Cell and Molecular Biology     | 4        | BIOLOGY Elective              | BIOLOGY LL Elective credit | 4        |
| 801-197                     | Technical Reporting            | 3        |                               | Elective Credit            | 3        |
| 506-170                     | Experimental Research Capstone | 2        |                               | Elective Credit            | 2        |
| <b>Total credits earned</b> |                                | <b>9</b> | <b>Total credits accepted</b> |                            | <b>9</b> |

|                                     |  |           |   |  |           |
|-------------------------------------|--|-----------|---|--|-----------|
| <b>Total credits earned at NWTC</b> |  | <b>67</b> | <b>Total credits accepted at UW-Green Bay</b> |  | <b>66</b> |
|-------------------------------------|--|-----------|---|--|-----------|

**This page details the UW-Green Bay courses needed to complete the Human Biology major, Health Science emphasis, and all other degree requirements.**

**(This is Sample Plan – Consult a UWGB Advisor for specific advice)**

| <b>Fifth Semester</b>       |  |           |
|-----------------------------|--|-----------|
| HUM BIOL 240 + 241          | Anatomy and Physiology + Lab                                   | 5         |
| WF 105                      | Research and Rhetoric  | 3         |
| 3xx/4xx                     | Upper Level Physiology/Genetics/ Nutrition/Cell Biology course | 3         |
|                             | Gen Ed: Humanities   | 3         |
| <b>Total credits earned</b> |  | <b>14</b> |

| <b>Sixth Semester</b>       |  |           |
|-----------------------------|--|-----------|
| 3xx/4xx                     | Upper Level Physiology/Genetics/ Nutrition/Cell Biology course | 3         |
| 3xx/4xx                     | Upper Level Physiology/Genetics/ Nutrition/Cell Biology course | 3         |
|                             | Gen Ed: Social Sciences  | 3         |
|                             | Gen Ed: Global Culture   | 3         |
| <b>Total credits earned</b> |  | <b>12</b> |

| <b>Seventh Semester</b>     |  |              |
|-----------------------------|--|--------------|
| CHEM 330<br>Or<br>CHEM 311  | Biochemistry<br>Or<br>Analytical Chemistry                   | 3-4          |
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course*                   | 1-4          |
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course *                  | 1            |
|                             | Communication/Literature/Foreign Language requirement course | 3            |
|                             | Upper Level Writing Emphasis course                          | 3            |
|                             | Gen Ed: Fine Arts  | 3            |
| <b>Total credits earned</b> |  | <b>14-18</b> |

| <b>Eighth Semester</b>      |   |              |
|-----------------------------|---|--------------|
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course*            | 3            |
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course*            | 3            |
|                             | Capstone Course (if still needed)                     | 1-3          |
|                             | Upper Level Writing Emphasis course (if still needed) | 3            |
|                             | Gen Ed: Sustainability Perspective                    | 3            |
|                             | Elective Credit (if needed)                           | 1            |
| <b>Total credits earned</b> |   | <b>14-16</b> |

|   |  |              |
|---|--|--------------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>54-60</b> |
|---|--|--------------|

\*A minimum of 8 Upper Level Elective credits are required. At least 2 of the courses must be laboratory courses.

**This page details the UW-Green Bay courses needed to complete the Human Biology major, Exercise Science emphasis, and all other degree requirements.**

**(This is Sample Plan – Consult a UWGB Advisor for specific advice)**

| <b>Fifth Semester</b>         |                                  |           |
|-------------------------------|----------------------------------|-----------|
| HUM BIOL 240 + 241            | Anatomy and Physiology + Lab     | 5         |
| WF 105                        | Research and Rhetoric            | 3         |
| BIO 303<br>Or<br>HUM BIOL 310 | Genetics<br>Or<br>Human Genetics | 3         |
|                               | Gen Ed: Humanities               | 3         |
| <b>Total credits earned</b>   |                                  | <b>14</b> |

| <b>Sixth Semester</b>       |   |           |
|-----------------------------|---|-----------|
| HUM BIOL 116                | First Aid and Emergency Care Procedures       | 3         |
| HUM BIOL 210                | Prevention and Treatment of Athletic Injuries | 3         |
| HUM BIOL 333                | Principles of Sports Physiology               | 3         |
|                             | Gen Ed: Social Sciences                       | 3         |
|                             | Gen Ed: Global Culture                        | 3         |
| <b>Total credits earned</b> |   | <b>15</b> |

| <b>Seventh Semester</b>     |   |           |
|-----------------------------|---|-----------|
| NUT SCI 300                 | Human Nutrition   | 3         |
| HUM BIOL 351                | Kinesiology   | 4         |
| HUM BIOL 360 + 361          | Exercise Physiology + Lab (Upper Level Writing Emphasis courses/ Capstone Course) | 4         |
|                             | Communication/Literature/Foreign Language requirement course                      | 3         |
| <b>Total credits earned</b> |   | <b>14</b> |

| <b>Eighth Semester</b>      |  |           |
|-----------------------------|--|-----------|
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Laboratory course* | 1         |
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course*   | 3         |
| HUM BIOL 3xx/4xx            | Human Biology Upper Level Elective course*   | 4         |
|                             | Gen Ed: Sustainability Perspective           | 3         |
|                             | Gen Ed: Fine Arts                            | 3         |
| <b>Total credits earned</b> |  | <b>14</b> |

|   |  |           |
|---|--|-----------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>57</b> |
|---|--|-----------|

\*A minimum of 8 Upper Level Elective credits are required. At least one course must be a laboratory course.

**This page details the UW-Green Bay courses needed to complete the Human Biology major, Applied Public Health emphasis, and all other degree requirements.**

**(This is Sample Plan – Consult a UWGB Advisor for specific advice)**

| <b>Fifth Semester</b> |                              |    |
|-----------------------|------------------------------|----|
| HUM BIOL 240 + 241    | Anatomy and Physiology + Lab | 5  |
| WF 105                | Research and Rhetoric        | 3  |
| NUT SCI 212           | Science of Food Preparation  | 4  |
|                       | Gen Ed: Humanities           | 3  |
| Total credits earned  |                              | 15 |

| <b>Sixth Semester</b> |   |    |
|-----------------------|---|----|
| HUM BIOL 322          | Epidemiology (Sustainability Gen Ed)            | 3  |
| NUT SCI 300           | Human Nutrition (pre-requisite for NUT SCI 421) | 3  |
| NURSING 200           | Fundamentals of Healthcare Terminology          | 3  |
|                       | Upper Level Writing Emphasis Course             | 3  |
|                       | Gen Ed: Global Culture                          | 3  |
| Total credits earned  |   | 15 |

| <b>Seventh Semester</b>           |  |       |
|-----------------------------------|--|-------|
| NUT SCI 421                       | Community Nutrition (Upper Level Writing Emphasis)           | 4     |
| BIOLOGY 402<br>Or<br>HUM BIOL 427 | Advanced Microbiology<br>Or<br>Cancer Biology Laboratory     | 1-4   |
|                                   | Communication/Literature/Foreign Language requirement course | 3     |
| 3xx/4xx                           | Upper Level Elective Course *                                | 3     |
|                                   | Gen Ed: Fine Arts  | 3     |
| Total credits earned              |  | 14-17 |

| <b>Eighth Semester</b> |   |       |
|------------------------|---|-------|
| 3xx/4xx                | Upper Level Elective course*                    | 1-4   |
| NUT SCI 312            | Quantity Food Production and Service            | 4     |
| HIMT 360               | Healthcare 2: Survey of Diseases and Treatments | 3     |
|                        | Gen Ed: Social Sciences                         | 3     |
|                        | Capstone Course (if still needed)               | 1-3   |
| Total credits earned   |   | 12-17 |

|   |  |              |
|---|--|--------------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>56-64</b> |
|---|--|--------------|

\*A minimum of 3-7 upper level credits are required.

**This page details the UW-Green Bay courses needed to complete the Human Biology major, Nutritional Science/ Dietetics emphasis, and all other degree requirements.**

**(This is Sample Plan – Consult a UWGB Advisor for specific advice)**

| <b>Fifth Semester</b> |   |    |
|-----------------------|---|----|
| HUM BIOL 240 + 241    | Anatomy and Physiology + Lab            | 5  |
| WF 105                | Research and Rhetoric                   | 3  |
| CHEM 300 + 301        | Bio-Organic Chemistry + Lab             | 4  |
| NUT SCI 201           | Survey of Nutrition Related Professions | 1  |
| NUT SCI 212           | Science of Food Preparation             | 4  |
| Total credits earned  |   | 17 |

| <b>Sixth Semester</b>                    |   |       |
|--|---|-------|
| NUT SCI 350                              | Life Cycle Nutrition  | 3     |
| HUM BIOL 360 + 361<br>Or<br>HUM BIOL 402 | Exercise Physiology + Lab (Upper Level Writing Emphasis course)<br>Or<br>Human Physiology | 3-4   |
| NUT SCI 300                              | Human Nutrition   | 3     |
|  | Gen Ed: Social Sciences   | 3     |
|  | Gen Ed: Global Culture  | 3     |
| Total credits earned                     |   | 15-16 |

| <b>Summer Semester</b> |                    |   |
|------------------------|--------------------|---|
|                        | Gen Ed: Fine Arts  | 3 |
|                        | Gen Ed: Humanities | 3 |
| Total credits earned   |                    | 6 |

| <b>Seventh Semester</b>             |   |    |
|-------------------------------------|---|----|
| BIO 303<br>Or<br>HUM BIOL 310       | Genetics<br>Or<br>Human Genetics  | 3  |
| NUT SCI 421                         | Community Nutrition (Capstone Course) (Upper Level Writing Emphasis course) | 4  |
| NUT SCI 485                         | Medical Nutrition Therapy 1   | 3  |
| NUT SCI 327<br>Or<br>CHEM 330 + 331 | Nutritional Biochemistry<br>Or<br>Biochemistry and Biochemistry Lab         | 4  |
| COMM 133                            | Fundamentals of Public Address  | 3  |
| Total credits earned                |   | 17 |

| <b>Eighth Semester</b> |                                      |    |
|------------------------|--------------------------------------|----|
| NUT SCI 486            | Medical Nutrition Therapy 2          | 3  |
| NUT SCI 312            | Quantity Food Production and Service | 4  |
| NUT SCI 487            | Nutritional Science Seminar          | 1  |
| NUT SCI 427            | Advanced Nutrition and Metabolism    | 3  |
|                        | Gen Ed: Sustainability Perspective   | 3  |
| Total credits earned   |                                      | 14 |

|   |  |              |
|---|--|--------------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>69-70</b> |
|---|--|--------------|

**This page details the UW-Green Bay courses needed to complete the Human Biology major, Cytotechnology emphasis, and all other degree requirements.**

**(This is Sample Plan – Consult a UWGB Advisor for specific advice)**

| <b>Fifth Semester</b> |  |    |
|-----------------------|--|----|
| HUM BIOL 240 + 241    | Anatomy and Physiology + Lab                                 | 5  |
| WF 105                | Research and Rhetoric  | 3  |
|                       | Communication/Literature/Foreign Language requirement course | 3  |
|                       | Gen Ed: Humanities   | 3  |
|                       | Gen Ed: Social Sciences                                      | 3  |
| Total credits earned  |  | 17 |

| <b>Sixth Semester</b> |   |       |
|-----------------------|---|-------|
| 3xx/4xx               | Upper Level Physiology/Genetics/ Nutrition course | 3     |
| 3xx/4xx               | Upper Level Physiology/Genetics/ Nutrition course | 3-4   |
|                       | Upper Level Writing Emphasis course               | 3     |
|                       | Gen Ed: Fine Arts                                 | 3     |
|                       | Gen Ed: Global Culture                            | 3     |
| Total credits earned  |   | 15-16 |

| <b>Seventh Semester</b> |  |       |
|-------------------------|--|-------|
| HUM BIOL 3xx/4xx        | Human Biology Upper Level Elective course* | 3     |
| HUM BIOL 3xx/4xx        | Human Biology Upper Level Elective course* | 3     |
|                         | Capstone Course (if still needed)          | 1-3   |
|                         | Upper Level Writing Emphasis course        | 3     |
|                         | Gen Ed: Sustainability Perspective         | 3     |
| Total credits earned    |  | 13-16 |

| <b>Internship</b>    |                             |    |
|----------------------|-----------------------------|----|
| HUM BIOL 497         | Cytotechnology Internship** | 32 |
| Total credits earned |                             | 32 |

|   |  |              |
|---|--|--------------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>77-81</b> |
|---|--|--------------|

\*A minimum of 6 Upper Level Elective credits are required.

\*\* Students complete 32 credits of internship total over a three semester sequence through The Mayo Clinic or UW-Madison. Consult a Human Biology faculty member for more details.

This page details the UW-Green Bay courses needed to complete the Human Biology major, General Human Biology emphasis, and all other degree requirements.

(This is Sample Plan – Consult a UWGB Advisor for specific advice)

| <b>Fifth Semester</b> |  |    |
|-----------------------|--|----|
| HUM BIOL 240 + 241    | Anatomy and Physiology + Lab                                 | 5  |
| WF 105                | Research and Rhetoric  | 3  |
|                       | Communication/Literature/Foreign Language requirement course | 3  |
|                       | Gen Ed: Social Sciences                                      | 3  |
| Total credits earned  |  | 14 |

| <b>Sixth Semester</b> |   |       |
|-----------------------|---|-------|
| 3xx/4xx               | Upper Level Physiology/Genetics/ Nutrition course | 3     |
| 3xx/4xx               | Upper Level Physiology/Genetics/ Nutrition course | 3-4   |
|                       | Upper Level Writing Emphasis course               | 3     |
|                       | Gen Ed: Fine Arts                                 | 3     |
|                       | Gen Ed: Humanities                                | 3     |
| Total credits earned  |   | 15-16 |

| <b>Seventh Semester</b> |   |    |
|-------------------------|---|----|
| HUM BIOL 3xx/4xx        | Human Biology Upper Level Elective course * | 3  |
| HUM BIOL 3xx/4xx        | Human Biology Upper Level Elective course*  | 4  |
| HUM BIOL 3xx/4xx        | Human Biology Upper Level Elective course*  | 4  |
|                         | Gen Ed: Global Culture                      | 3  |
| Total credits earned    |   | 14 |

| <b>Eighth Semester</b> |                                     |       |
|------------------------|-------------------------------------|-------|
|                        | Capstone Course (if still needed)   | 1-3   |
|                        | Upper Level Writing Emphasis course | 3     |
|                        | Gen Ed: Sustainability Perspective  | 3     |
|                        | Elective Course                     | 3     |
|                        | Elective Course                     | 3     |
| Total credits earned   |                                     | 13-15 |

|   |  |              |
|---|--|--------------|
| <b>Total credits earned at UW-Green Bay</b> |  | <b>56-59</b> |
|---|--|--------------|

\*A minimum of 11 Upper Level Elective credits are required.