

Microbiology

Bachelor of Science (BS)

College of Letters & Science

The following guide is intended to assist you in planning for your eventual transfer to and graduation from UW Oshkosh. This guide includes only the requirements that can be completed at the UW Colleges. It is not a requirement, nor always advisable, to complete all courses listed in this guide prior to transfer. For a full list of requirements refer to the additional resources included in the pages below. Note that this guide is an advisory tool only and subject to change.

UW OSHKOSH ADMISSION

- Submit the UW System application, available online at: <http://apply.wisconsin.edu>.
- Send official transcripts from all post-secondary institutions attended.
- Send official high school transcripts if fewer than 30 transferable college credits have been earned.

UNIVERSITY STUDIES PROGRAM & DEGREE REQUIREMENTS

Students who transfer with the Associate of Arts and Science degree will have met the University Studies Program (USP) or general education requirements, but **NOT** necessarily the degree requirements for the BS. The requirements are combined in this guide to help illustrate the most efficient course selections.

AAS – Indicates a course or requirement where the Associate of Arts and Science degree and the UW Oshkosh requirements overlap.

WRITING

UW Oshkosh	UW Colleges Equivalent
WBIS 188	<input type="checkbox"/> ENG 101
English 312	<input type="checkbox"/> ENG 102 (AAS)

SPEAKING

UW Oshkosh Course Requirement	UW Colleges Equivalent
COMM 111	<input type="checkbox"/> CTA 103 (AP for AAS)

NATURE - MATHEMATICS

Level 1 (Choose *one* of the options below.)

UW Oshkosh Course Requirement	UW Colleges Equivalent
Math 104 (+ 106 if required for calculus)	<input type="checkbox"/> Math 110 (AAS) (+ 113 if required)
Math 108	<input type="checkbox"/> MAT 124

Level 2 (Calculus is required of all Microbiology majors, and therefore, the only option listed.)

UW Oshkosh Course Requirement	UW Colleges Equivalent
Calculus: Math 171 (Math 106 pre-req) or 206	<input type="checkbox"/> MAT 221 or 211

NATURE – LABORATORY SCIENCE (16 credits)

Completion of the natural science area for the B.S. calls for specific requirements. Among these requirements is the fact that ALL courses must include a lab. For the remaining details, see Area 1, 2, and 3 below.

Area #1 – Two lab science courses from the same department. *Choose one sequence from the following list.*

Chemistry 105 and 106 is required of all Microbiology Majors.

UW Oshkosh Course Requirement ~ Sequences	UW Colleges Equivalent ~ Sequences
Chemistry 105 AND 106	<input type="checkbox"/> CHE 145 AND <input type="checkbox"/> CHE 155

* A Curriculum Modification will be necessary if you choose this option. Please talk to your UWO academic advisor during your initial meeting to initiate this process.

Area #2 – One lab science course from a department different from the one chosen in Area #1. *Choose from the list below.*

Biology 105 is required of all Microbiology Majors.

Area #3 – One lab science course fulfilling option A, B, or C.

- Option A** – A lab science course from the same department as the course selected in Area #2, and that has the Area #2 course as a prerequisite (a second sequence). See Area #1 list for possible sequences.
- Option B** – A lab science course from a third department. *Choose from the list below.*

Physics 107 or 109 is required of all Microbiology Majors.

- Option C** – A second course from the Level 2 math requirement in a different department. *See options above.*
Course selected: _____

Natural Science Course Options (from Area #2 and Area #3, Option B)

UW Oshkosh Course	UW Colleges Equivalent	UW Oshkosh Course	UW Colleges Equivalent
Biology 105	BIO 101 (109)	Physics 107	PHY 141
		Physics 109	PHY 201, 211, or 213

HUMANITIES / CULTURE (12 credits) ~ **BS requires 12 credits and must include English Literature (AAS)**

UW Oshkosh Course Requirement	UW Colleges Equivalent
English Literature (3 credits required)	
English 211	<input type="checkbox"/> ENG 260
English 212	<input type="checkbox"/> ENG 261
English 213	<input type="checkbox"/> ENG 262
English 214	<input type="checkbox"/> ENG 263
English 220	<input type="checkbox"/> ENG/AIS 242
English 224	<input type="checkbox"/> ENG 279
English 226	<input type="checkbox"/> ENG 276
English 227	<input type="checkbox"/> ENG 269
English 231	<input type="checkbox"/> ENG 277
English 218 (HU/ES)	<input type="checkbox"/> ENG 278
English 247	<input type="checkbox"/> ENG 280
English Elective	<input type="checkbox"/> ENG 250, 251, 253, 255, 264, 265, 266, 267, 268, 270, 272, 273, 275, 281, 283, 284, 285, 286, 287, 288, SPA 237 (ES), 247 (ES), WOM 279

Take at least 1 course from two of the following three areas.

<p>Philosophy or Religious Studies</p> <p>Philosophy 101 Philosophy 104 Philosophy 109 Philosophy 207 Philosophy 215 Philosophy 225 Philosophy Elective</p> <p>Religious Studies Elective (NW/HU)</p>	<p><input type="checkbox"/> PHI 210 or 211 <input type="checkbox"/> PHI 241 <input type="checkbox"/> PHI 101 <input type="checkbox"/> PHI/REL 261 <input type="checkbox"/> PHI 253 <input type="checkbox"/> PHI 205 <input type="checkbox"/> PHI 202, 226, 233, 237, 244, 248, 258, 259, 262, REL 203, WOM 202, 231 <input type="checkbox"/> PHI/REL 201</p>
<p>Art, Theatre, Music</p> <p>Art 105 Art 203 Art 209 Art 210 Art Elective Comm Elective Music 102 Music 219 Music Elective Theatre 161</p>	<p><input type="checkbox"/> ART 180 <input type="checkbox"/> ART 100 <input type="checkbox"/> ART 181 <input type="checkbox"/> ART 183 <input type="checkbox"/> ART 175, 185, 188, 290 <input type="checkbox"/> CTA (COM) 150 or 218 <input type="checkbox"/> MUS 131 or 170 <input type="checkbox"/> MUS 173 or 285 <input type="checkbox"/> MUS 273, 278 (HU/ES) <input type="checkbox"/> CTA (COM) 130</p>
<p>Foreign Language</p> <p>Chinese 110 Chinese 111 Chinese 210 Chinese Elective French 110 French 111 French 203 French 204 French 280 French Elective (HU) German 110 German 111 German 203 German 204 German 207 German Elective Foreign Language Elective (HU) Spanish 110 Spanish 111 Spanish 203 Spanish 204 Spanish Elective (HU)</p>	<p><input type="checkbox"/> CHI 101 <input type="checkbox"/> CHI 105 <input type="checkbox"/> CHI 201 <input type="checkbox"/> CHI 205 <input type="checkbox"/> FRE 101 <i>or</i> FRE 103 + 104 <input type="checkbox"/> FRE 105 <i>or</i> FRE 106 + 107 <input type="checkbox"/> FRE 201 <i>or</i> FRE 203 + 204 <input type="checkbox"/> FRE 205 <i>or</i> FRE 206 + 207 <input type="checkbox"/> FRE 215 <i>or</i> 216 <input type="checkbox"/> FRE 277 <input type="checkbox"/> GER 101 <i>or</i> GER 103 + 104 <input type="checkbox"/> GER 105 <i>or</i> GER 106 + 107 <input type="checkbox"/> GER 201 <i>or</i> GER 203 + 204 <input type="checkbox"/> GER 205 <input type="checkbox"/> GER 215 <input type="checkbox"/> GER277 <input type="checkbox"/> ITA 103, 104 <input type="checkbox"/> SPA 101 <i>or</i> SPA 103 + 104 <input type="checkbox"/> SPA 105 <i>or</i> SPA 106 + 107 <input type="checkbox"/> SPA 201 <i>or</i> SPA 203 + 204 <input type="checkbox"/> SPA 205 <i>or</i> SPA 206 + 207 <input type="checkbox"/> SPA 220, 236, 277</p>

SOCIAL SCIENCE / SOCIETY (12 credits) ~ BS requires 12 credits and must include History (AAS)

Complete 9 credits in at least one area other than history. *Choose from the departments below.*

UW Oshkosh Course Requirement	UW Colleges Equivalent
History	<input type="checkbox"/> Any UW Colleges HIS course: _____

1. _____ 2. _____ 3. _____

UW Oshkosh Course Requirement	UW Colleges Equivalent
Anthropology	ANT (Excluding ANT 105)
Economics	ECO (Including EGR 282)
Environmental Studies	BIO 190 (107)
Geography	GEO (Excluding Natural Sci. courses listed above)
Political Science	POL
Psychology	PSY (Excluding PSY 210 and 254)
Sociology	SOC
Women's Studies	WOM

ETHNIC STUDIES (3 credits) – This requirement is fulfilled with completion of AAS

A course that fulfills Ethnic Studies can also be used to fulfill an above requirement if designated as such.

UW Oshkosh Course Requirement	UW Colleges Equivalent
Ethnic Studies	<input type="checkbox"/> Any UW Colleges ES course: _____

GLOBAL CITIZENSHIP (3 credits) ~ This requirement is fulfilled with completion of AAS

Choose one of the courses below. A course that fulfills Global Citizenship can also be used to fulfill a Social Science or Humanities requirement if designated as such.

UW Oshkosh Course Requirement	UW Colleges Equivalent
Anthropology 204 (GC/SS)	<input type="checkbox"/> ANTHRO 104
English 227 (GC/HU)	<input type="checkbox"/> ENG 269
Geography 102 (GC/SS)	<input type="checkbox"/> GEO 110
History 102 (GC/SS)	<input type="checkbox"/> HIST 106
Political Science 101 (GC/SS)	<input type="checkbox"/> POL SCI 101
Political Science 115(GC/SS)	<input type="checkbox"/> POL SCI 175

THE MAJOR

Core Courses:

UW Oshkosh	UW Colleges
BIOL 105	<input type="checkbox"/> BIO 101 (109)
CHEM 105	<input type="checkbox"/> CHEM 145
CHEM 106	<input type="checkbox"/> CHEM 155
CHEM 234/235	<input type="checkbox"/> CHE 343 <i>and</i> 351*
CHEM 234/335	<input type="checkbox"/> CHE 363 <i>and</i> 361*
MATH 171 or higher	<input type="checkbox"/> MAT 221 or higher
PHYS 107 <i>or</i> PHYS 109	<input type="checkbox"/> PHY 141 <i>or</i> PHY 201, 211 or 213
<i>Elective</i>	
BIOL 349	<input type="checkbox"/> BIO 201 (250)

* Completion of CHE 343, 363, and 352 is equivalent to Chemistry 234/235 and 334/335 if all three courses are completed at the UW Colleges.

NOTES

University Studies Program (USP)

The University Studies Program (USP) is the new definition of general education at UW Oshkosh designed to help students reap the maximum benefits from their college education. Transfer students will participate in USP at varying degrees based upon the number of credits transferred into the university.

- 0-14 Credits – You're still considered a first-year student and will be able to participate in all USP Quest and Connect courses. Any courses you've taken previously will continue to transfer to UW Oshkosh, but the names of courses or course categories may differ slightly.
- 15-59 Credits – To help you get situated on campus you'll engage in a Transition Year Experience. This will help you learn what UWO has to offer, show you what resources are available and introduce you to new people.
- 60+ Credits – Because you have more than 60 credits, you are not required to take the Quest sequence of courses or the Transition Year Experience. Admissions will determine which courses transfer and identify any courses you may need to complete.

If you've already completed an approved associate degree, your USP requirements are automatically fulfilled.

Please note that in addition to USP requirements, you are responsible for specific requirements related to your major, minor (if any) and degree. Transfer counselors or academic advisers will assist you along the way in understanding these requirements.

Other Notes

- ✓ In a few instances, courses are designated differently at the UW Colleges than they are at UWO in terms of general education (i.e. HU becomes SS in transfer). In these instances the student can often choose to accept the UWO designation, or have the UWC designation honored. Changes cannot be made until after UWO admission, and it is always best to discuss these changes with an academic advisor first.
- ✓ The official UW Oshkosh GPA will be calculated using only UW Oshkosh credits earned. Credits transferred to UW Oshkosh are recognized, but the grades are not included in the official UW Oshkosh GPA. For various university-level honors designations students will have to earn at least 60 credits at UW Oshkosh and only those Oshkosh grades are considered. The official transcript will display the official UW Oshkosh GPA, UW Oshkosh course work and transfer course grades that will not be included in the official UW Oshkosh GPA.
- ✓ The UW Colleges made changes to several departments, effective January 1, 2012. The current departments are listed on this guide with the previous departments and course numbers in ().

ADDITIONAL RESOURCES

UW Oshkosh Bulletin: <http://www.uwosh.edu/registrar/undergradbulletins/2015-2017>

Four-Year Planning Sheet: <http://www.uwosh.edu/home/future-students/undergraduate/academics/four-year-degree-programs>

Department Web Site: <http://www.uwosh.edu/biology>

Transfer Admissions Counselors

E-mail: transfer@uwosh.edu

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