

Wilmot Union High School

Academic & Career
Planning Guide

2022-2023



Academic Resources

Course Offerings

Career & Post-Secondary Planning

WILMOT UNION HIGH SCHOOL MISSION STATEMENT

Preparing college, career, and civic ready graduates.

DISTRICT VISION

Becoming a destination district.

TABLE OF CONTENTS

HIGH SCHOOL OFFICE CONTACT INFORMATION	3
STUDENT SERVICES OFFICE CONTACT INFORMATION	3
GRADUATION REQUIREMENTS	4
GRADUATION PLANNING GUIDE	5
COURSE REGISTRATION	7
INSTRUCTIONS FOR ACCESSING ON-LINE REGISTRATION VIA STUDENT ACCESS	8
SPECIAL SCHEDULING OPTIONS	9
GRADING INFORMATION	10
LAUDE SYSTEM INFORMATION	11
WEIGHTED GRADES FOR CLASSES OF 2026 AND BEYOND	14
CLASS RANK	14
HONOR ROLL	14
TRANSCRIPT INFORMATION	14
ADVANCED PLACEMENT COURSE INFORMATION	15
HONORS LEVEL COURSE INFORMATION	16
EARN COLLEGE CREDIT IN HIGH SCHOOL (ECCP/SCN)	16
PROJECT LEAD THE WAY	17
WORK BASED LEARNING	18
RELEASE OF STUDENT INFORMATION	22
STUDENT RECORD PRIVACY ACT	23

ART DEPARTMENT	24
BUSINESS AND INFORMATION TECHNOLOGY DEPARTMENT	29
ENGLISH AND LANGUAGE ARTS DEPARTMENT	35
FAMILY AND CONSUMER SCIENCES	39
INDUCTION TO TEACHING COURSES	42
MATHEMATICS DEPARTMENT	45
MUSIC DEPARTMENT	49
PHYSICAL EDUCATION AND HEALTH DEPARTMENT	53
SCIENCE DEPARTMENT	57
SOCIAL SCIENCES DEPARTMENT	62
TECHNOLOGY AND ENGINEERING DEPARTMENT	67
WORLD LANGUAGE DEPARTMENT	73

HIGH SCHOOL OFFICE AND ADMINISTRATION
(262) 862-2351

STUDENT SERVICES OFFICE
(262) 862-9003

GRADUATION REQUIREMENTS

Subject	WUHS Minimum Graduation Requirements	Minimum Requirements for College Admission	Recommendation for Highly Selective Colleges
English	4	4 college bound credits recommend AP level	4 – 5 credits including AP level
Math	3	3 credits to include Algebra, Geometry & Algebra II	4 credits including AP level
Science	3	3 credits Recommend AP level	4 + credits to include Biology, Chemistry, Physics including AP level
Social Sciences	3	3 credits Recommend AP level	4 + credits including AP level
World Language	0	Varies from college to college	4 credits of the same language
Financial Literacy	.5		
Economics	.5		
Health	.5		
Physical Education	1.5 (only 0.50 credit per year counts toward graduation requirements)		
Fine Arts	0		1 or more credits of performing arts required for some schools
Electives	Electives make up the remaining credits	4 Academic Electives	Academic Electives Recommended
Total	24	17 + Academic Credits	20 + Academic Credits

*Requirements may vary, please check university admission websites. Students are encouraged to take more than the minimum number of credits, including Advanced Placement courses.

**Students seeking admission to highly competitive institutions should consider taking as many academically rigorous and Advanced Placement courses as possible. UW-Madison falls under the highly selective college category.

GRADUATION PLANNING GUIDE

CLASS of 2023

Wilmot Union High School requires a full-time student to be enrolled in a minimum of 6 courses per semester. A minimum of 24 credits are required to fulfill graduation requirements. Within these 24 Credits, the following subject areas are required:

FRESHMAN YEAR

English	1.00 Credit
**Math	1.00 Credit
Physical Education 1	0.50 Credit
Health	0.50 Credit
Biology	1.00 Credit
Civics	0.50 Credit
Global Studies	0.50 Credit
Elective	minimum 1.00 Credit

SOPHOMORE YEAR

English	1.00 Credit
**Math	1.00 Credit
*Physical Education	0.50 Credit
Chemistry	1.00 Credit
World History	1.00 Credit
Electives minimum	1.50 Credit

JUNIOR YEAR

English	1.00 Credit
**Math	1.00 Credit
*Physical Education	0.50 Credit
*Science	1.00 Credit
US History	1.00 Credit
Electives minimum	1.50 Credits

SENIOR YEAR

English	1.00 Credit
Financial Literacy	0.50 Credit
Economics	0.50 Credit
*Science	1.00 Credit
*Physical Education	0.50 Credit
Social Sci Elective	0.50 Credit
Elective minimum	2.00 Credit

CLASS of 2024 and Beyond

FRESHMAN YEAR

English	1.00 Credit
**Math	1.00 Credit
Physical Education 1	0.50 Credit
Health	0.50 Credit
Biology	1.00 Credit
Civics	0.50 Credit
Elective minimum	1.50 Credit

SOPHOMORE YEAR

English	1.00 Credit
**Math	1.00 Credit
*Physical Education	0.50 Credit
Chemistry	1.00 Credit
World History	1.00 Credit
Electives minimum	1.50 Credits

JUNIOR YEAR

English	1.00 Credit
**Math	1.00 Credit
*Physical Education	0.50 Credit
*Science	1.00 Credit
US History	1.00 Credit
Electives minimum	1.50 Credit

SENIOR YEAR

English	1.00 Credit
Financial Literacy	0.50 Credit
Economics	0.50 Credit
*Science	1.00 Credit
*Physical Education	0.50 Credit
Electives minimum	2.50 Credit

** 1 year of Algebra and 1 year of Geometry are required for graduation. 7th and 8th grade students who earn credit in Algebra and/or Geometry at Wilmot Union High School or at their respective feeder school that has a transcribed agreement with WUHS will receive GPA credit for those courses. WUHS strongly recommends those students still enroll in 2 more years of math at the high school level.

* 1.5 semester credits of Physical Education (0.50 credit per year counts toward graduation) and 3 credits of Science are required for graduation. A student has the option of completing them during any of the years indicated.

EARLY GRADUATION

Students who wish to graduate early should meet with their school counselor to determine eligibility. Once it is determined that the student can meet graduation requirements earlier than the scheduled semester of graduation, the student, with parent approval, must complete the Early Graduation Request Form, available from their school counselor and submit it to the Principal for approval by September 1st.

Students who elect to graduate early will be responsible for completing all of the graduation requirements by the end of their 1st semester of their Senior Year. In order to do this, they will have to complete one full credit of English during or prior to the 1st semester of their Senior year.

GRADUATION CEREMONY PARTICIPATION

A student will not receive a signed diploma until all Wilmot Union High School requirements have been fulfilled. Students who graduate early may participate in the graduation ceremony with their graduating class. Participation in the commencement ceremony is a privilege which can be revoked by an administrator.

Students must be within 1 credit of meeting the graduation requirements, by 3pm on the Thursday prior to graduation, in order to participate in the Graduation Ceremony.

COURSE REGISTRATION Scheduling Timeline

January	<ul style="list-style-type: none"> Online Course Registration Open <i>(See instructions below for accessing online registration via Student Access)</i>
February	<ul style="list-style-type: none"> All Students meet with their school counselor for individual course registration Early College Credit Program and Start College Now (ECCP/SCN) February 15 early registration deadline. Student schedules will be adjusted based upon acceptance into the ECCP/SCN Program
March	<ul style="list-style-type: none"> Individual Course Registration completed by March 1st Final Deadline - ECCP/SCN applications are due March 1st for fall semester courses. Course registration requests will be adjusted upon acceptance into the ECCP/SCN Program
April/May	<ul style="list-style-type: none"> Schedule change requests are available by appointment with students' school counselor
June/July	<ul style="list-style-type: none"> Final course request changes are due June 1st Summer School is in session School counselors will be in their offices on a limited basis. Students and parents may contact school counselors via e-mail for any scheduling questions Final schedules are available once the annual online registration is completed by a parent
August/ September	<ul style="list-style-type: none"> School year begins · Schedule changes may be honored for the first 3 days of school only for schedule conflicts New courses can be added during the first 3 days of school Individual Planning Conferences begin for freshmen Early College Credit Program (ECCP) Sept. 15 early registration deadline. Student schedules will be adjusted based upon acceptance into the ECCP Program
October	<ul style="list-style-type: none"> Final State Deadline - ECCP/SCN applications are due October 1st for spring course requests. Student schedules will be adjusted based upon acceptance into the ECCP Program
November	<ul style="list-style-type: none"> 11th grade individual planning conferences begin.

Instructions for Accessing On-Line Registration via Student Access (www.wilmothighschool.com)

1. Click "Students"
2. Click "Skyward Student Access"
3. Log in using information previously provided
4. Click "Course Request"
5. Click "Courses for 2021-2022"
6. Click "Update Requests"
7. Highlight course by clicking on it
8. Click "Add Course" *Note: You must have minimum of 6 credits selected*
9. Click "Alternate Courses"
10. Choose 2 credits of Alternate Courses

SCHEDULE CHANGES

Each year a new master schedule is created to accommodate students' course requests. Faculty members are employed, textbooks are purchased, and rooms are assigned based on these requests. Changes in elective choices will not be approved after **June 1st**. Schedule change requests will be considered for educational reasons only and honored as space is available.

Students must remain in the class until their schedule has been changed by their counselor.

DROPPING A COURSE

A student's request to drop a course may be considered if extraordinary circumstances warrant it and after a meeting between the student, current teacher, parent, counselor and an Associate Principal is held. In cases in which dropping a course is approved, a grade of "WF" (Withdrawn/Fail) will be assigned to the course for the current and future grade reports up to and including the semester. The "WF" will appear on transcripts as a semester grade and will be considered in GPA calculation.

ADDING A COURSE

Students may add a class in place of a study hall during the first three days of a semester if:

- space is available
- the student's schedule does not need to be rearranged
- the change moves the student from a larger class to a smaller class with the same teacher

SPECIAL SCHEDULING OPTIONS

COURSE REVIEW (RETAKE)

Students may choose to review that course once for subject mastery. Because credit may not be duplicated the credit earned from the original course will be removed and not considered in GPA calculation. Please see your School Counselor for an **Educational Options Form** and more information.

COURSE FAILURES

If only a semester of a required full year course is successfully completed, only the failed semester will need to be repeated.

COURSE AUDIT

Students wishing to participate in a class but do not want the traditional grade or credit issued may choose to audit a class. Students auditing a course are expected to attend the class each day, complete all assignments, take exams and finals and participate in all class activities. Please see your School Counselor for an **Educational Options Form** and more information.

INDEPENDENT STUDY

When a student has a credit deficiency or a scheduling conflict that cannot be remedied in any other fashion, the student can propose an Independent Study project as an elective that applies toward graduation requirements. Students wishing to pursue an independent study project should speak with their School Counselor and complete the **Educational Options Form**, available in the Student Services Office. Independent Study Credit is limited to 0.50 per semester.

EXTERNAL CREDIT

CORRESPONDENCE COURSE CREDIT

Wilmot Union High School will accept credit for correspondence coursework from accredited programs. Correspondence courses may be used as credit recovery or in extreme cases to alleviate scheduling conflicts. Wilmot Union High will accept up to 1.00 credit for correspondence work completed per high school career. This credit will not be considered in GPA calculation. Students are responsible for all costs of the course, and for having an official transcript of grades sent from the program to Wilmot Union High School. See your School Counselor for more information.

TRANSFER CREDITS

All transfer credits must come from accredited institutions. A transcript must be supplied by the prior school and show final grades earned and credits earned. Grades and credits earned at other high schools will be placed on a Wilmot transcript however; these transfer grades will not be considered when calculating GPA and class rank.

SUMMER SCHOOL INFORMATION

6-WEEK SUMMER ENRICHMENT PROGRAM - The summer school courses will meet for the traditional six-week summer school schedule. These courses will be made available to all students interested in pursuing credit acquisition. This program is designed for both incoming freshmen who want to

get a jump start on their high school career and for current WUHS Students who may want to refresh their knowledge or recover credit in required coursework.

EDUCATIONAL PROBLEM- SOLVING PROCESS

One of the most important lifetime skills that can be developed through participation is problem solving.

Students should learn to embrace it as an educational opportunity.

The following steps should be followed in the order presented when trying to resolve a problem.

1. The student should speak with their parent/guardian regarding the problem. Discussion should focus on ways to resolve the problem. If the problem is not resolved, proceed to step #2.
2. The student should talk with the classroom teacher involved to resolve the problem. If the problem is not resolved, proceed to step #3.
3. The parent should contact the classroom teacher to arrange a parent, teacher, student conference. If the problem is not resolved, proceed to step #4.
4. The parent should contact the associate principal assigned to the student to arrange a teacher, parent, student administrator conference. If the problem is not resolved, proceed to step #5.
5. The parent should contact the building principal to arrange for a conference regarding the matter.

GRADING INFORMATION

GRADE POINT AVERAGE

The Grade Point Average (GPA) is used to describe a student's academic progress. GPA's are calculated after each grading period, however only the GPA at the end of each semester will appear on a student's transcript. The table below outlines the various GPA weights as they relate to our letter grades.

UNWEIGHTED GRADES

Unweighted grades are the most accurate reflection of earned academic progress. This number is reflective of the numeric value of an earned grade multiplied by the credit value of the course. All students earn an Unweighted GPA total that is shown on their transcript. Note: *A Weighted GPA equal to the Unweighted GPA will be shown on the transcript if the student has not taken any courses that were assigned a weighted value.*

WEIGHTED GRADES

This number reflects a grade earned in a very rigorous level of course work and is therefore granted additional grade points reflective of the challenge. As an example, Advanced Placement courses earn additional grade points due to the courses being universally accepted at colleges or universities across the country. All students taking courses that earn weighted grade points will see an Unweighted and a Weighted GPA on their transcript. ****Please note that beginning with the class of 2026, the 4.5 weighted middle column will not be applicable. All weighted grades will be on the 5.0 weighted scale.***

GRADE POINT AVERAGE			
GRADE	UNWEIGHTED	HONORS WEIGHTED	AP WEIGHTED
A	4.00	4.50	5.00
A-	3.67	4.17	4.67
B+	3.33	3.83	4.33
B	3.00	3.50	4.00
B-	2.67	3.17	3.67
C+	2.33	2.83	3.33
C	2.00	2.50	3.00
C-	1.67	2.17	2.67
D+	1.33	1.83	2.33
D	1.00	1.50	2.00
D-	0.67	1.17	1.67
F	0.00	0.00	0.00

LAUDE SYSTEM INFORMATION (For Classes 2023-2025)

COURSE LAUDE POINT INFORMATION

The Laude System is an internal metric to determine outstanding scholarship among students. The Wilmot High School Administration began investigating the system in 2009 and requested the School Board change to the Laude System in 2012.

The Laude System allows WUHS to review its course catalog and determine those courses which are challenging and assign point values accordingly.

Our Laude point values can be found on the charts on the following two pages.

Students may determine their Laude Score in the following manner:

Unweighted GPA multiplied by the Total Laude Points Earned = Laude Score

**Students will receive ½ the listed point value of a yearlong course if they drop the course at the completion of the first semester.*

Upon completion of the student's seventh (7th) semester, the final Laude Score will be calculated for graduation status. Students earning a Laude Score may achieve one of the three earned academic honor categories:

Summa Cum Laude: With Highest Honor - Scores of 60 or higher

Magna Cum Laude: With Great Honor - Scores of 42 to 59.99

Cum Laude: With Honor- Scores of 26 to 41.99

LAUDE FOR THE CLASS OF 2023

	COURSES GRANTED 2 LAUDE PT	SOC503	AP (MACRO) ECONOMICS
ART501	AP STUDIO ART AND DESIGN 2D	SOC504	AP WORLD HISTORY
BIT101	(T) INTRO TO BUSINESS	SOC505	AP HUMAN GEOG.
BIT121	(T) COMP/PROFESS	SOC507	MICROECONOMICS-PIE
BIT201	(T) MARKET PRIN	TAE106	(T) POWER MECHANICS
BIT205	(T) PRINCIPLES/ HOSPITALITY	TAE107	PLTW (T) IED
BIT206	(T) INTRO SERVICE	TAE205	(T) WELDING MIG/TIG
BIT207	(T) MANAGE/SERVICE	TAE207	PLTW (T) POE
BIT232	(T) IT ESSENTIALS	TAE208	(T) WELDING/STICKOXY
BIT 208	(T) ENTREPRENEURSHIP	TAE300	PLTW (T) DE
BIT233	PLTW CSE	TAE403	(T) AUTO SERVICE
BIT301	(T) MARKET PRIN 2	TAE404	(T) AUTO ELECTRONIC
BIT306	(T) RETAILING PRINCIPLES	TAE405	PLTW (T) CEA
BIT307	(T) SELLING PRINCIPLES		
BIT333	PLTW CSP		
BIT334	PLTW CYBERSECURITY		
ENG501	AP LANG/COMP	COURSES GRANTED 1 LAUDE PT	
ENG502	AP LIT/COMP	ENG103	HONOR ENGLISH I
ENG504	(T)THE CONTEMP. NOVEL	ENG203	HONOR ENGLISH II
ENG505	(T)MULTICULTURAL LIT.	MTH203	HONOR GEOMETRY
FCS204	(T) CHILD DEVELOPMENT	MTH302	HONOR ALGEBRA 2
FCS205	(T)HEALTH, SAFETY, NUTRITION	MTH402	HONOR PRECALCULUS
FCS303	(T) ASST. CHILDCARE TEACHING	MUS301	HONOR WIND ENSEMBLE
ITP102	(T) INTRO TO SPED	MUS305	HONOR VOCAL ENSEMBLE
MTH314	(T) APPLIED MATH	SCI103	HONOR BIOLOGY
MTH501	AP CALCULUS AB	SCI306	HONOR PHYSICS
MTH504	INTERMEDIATE STATISTICS		
MTH503	AP CALCULUS BC		
SCI104	PLTW PBS		
SCI207	PLTW HBS		
SCI308	PLTW MI		
SCI401	PLTW BI		(T)=Transcribed/Dual Credit
SCI501	AP BIOLOGY		
SCI502	AP PHYSICS		
SCI503	AP ENV. SCIENCE		
SCI506	AP CHEMISTRY		
SOC313	(T) INT HUMAN DEVELOPMENT		
SOC501	AP US HISTORY		
SOC502	AP PSYCHOLOGY		

LAUDE FOR THE CLASS OF 2024 AND 2025

Courses Granted 2 Laude PT		Courses Granted 1 Laude PT	
ART501	AP STUDIO ART AND DESIGN 2D	BIT101	(T) INTRO TO BUSINESS
BIT232	(T) IT ESSENTIALS	BIT121	(T) COMP/PROFESS
BIT233	PLTW CSE	BIT201	(T) MARKET PRINC
BIT333	PLTW CSP	BIT205	(T) PRINC HOSPITALITY
BIT334	PLTW CYPERSECURITY	BIT206	(T) INTRO/SERVICE
ENG501	AP LANG/COMP	BIT207	(T) MANAGE/SERVICE
ENG502	AP LTI/COMP	BIT208	(T) ENTREPRENEURSHIP
MTH501	AP CALCULUS AB	BIT301	(T) MARKET PRINC 2
MTH503	AP CALCULUR BC	BIT306	(T) RETAILING PRINC
MTH504	INTERMEDIATE STATISTICS	BIT307	(T) SELLING PRINC
SCI104	PLTW PBS	ENG103	HONORS ENG I
SCI207	PLTW HBS	ENG203	HONORS ENG II
SCI308	PLTW MI	ENG504	THE CONTEMP NOVEL
SCI401	PLTW BI	ENG505	MULTICULTURAL LIT
SCI501	AP BIOLOGY	FCS204	(T) CHILD DEV
SCI502	AP PHYSICS	FCS205	(T) HEALTH, SAFETY, NUTRITION
SCI503	AP ENV SCIENCE	FCS303	(T) ACCT:FECE
SCI506	AP CHEMISTRY	ITP102	(T) INTRO TO SPED
SOC501	AP US HISTORY	MTH203	HONORS GEOMETRY
SOC502	AP PSYCHOLOGY	MTH302	HONORS ALG 2
SOC504	AP WORLD HISTORY	MTH402	HONORS PRE-CALC
SOC505	AP HUMAN GEOG	MUS301	HONORS WIND ENS
TAE107	PLTW (T) EID	MUS305	HONORS VOCAL ENS
TAE207	PLTW (T) POE	SCI103	HONORS BIOLOGY
TAE300	PLTW (T) DE	SCI206	HONORS CHEM
TAE405	PLTW (T) CEA	SCI306	HONORS PHYSICS
		SCI313	(T) INTRO HUMAN DEV
		SOC507	(PIE) MICROECON
		SOC508	AP MACROECON
		TAE106	(T) POWER MECH
		TAE205	(T) WELD /MIG/TIG
		TAE208	(T) WELD STICK/OX
	(T)=Transcribed/Dual Credit	TAE403	(T) AUTO SERVICE
		TAE404	(T) AUTO ELECT
		WDL401	SPANISH IV
		WDL402	GERMAN IV
		WDL500	SPANISH V

Weighted Grades for Classes Of 2026 and Beyond

Students will earn weighted grades (5.0 scale) for all AP courses, transcribed dual credit courses taught at WUHS, Start College Now/Early College Credit Program courses, Honors courses, and all PLTW courses.

The Honors Distinctions would be the following and based on cumulative weighted GPA after the 7th semester starting with the graduating class of 2026:

A. Summa Cum Laude (with Highest Honor/Distinction): 4.0 or higher

B. Magna Cum Laude (with Great Honor/Distinction): 3.75-3.99

C. Cum Laude (with Honor/Distinction): 3.5-3.74

CLASS RANK

WUHS does not utilize class rank except to determine the top three students for the Wisconsin Academic Excellence Scholarship, using a weighted cumulative GPA at the completion of the 7th semester.

The Southern Lakes Conference Top 10 is based on the highest laude scores at the completion of the 7th semester.

Grades and credits for the following courses are recorded on a student's transcript; however, they are not included in the GPA calculation or class rank:

- Grades earned at other academic institutions
- Grades earned through Correspondence Courses
- Grades earned prior to 9th grade unless earned at Wilmot Union High School or through an articulated agreement.

HONOR ROLL

Honor Roll is calculated using the student's unweighted GPA at the end of each semester. Students receiving an "I" (Incomplete) are not eligible for the honor roll. Students must be full-time and on track to graduate with their class in order to qualify for Honor Roll recognition. High Honor Roll includes all full-time students with an unweighted GPA at or above 3.6. Honor Roll includes all full-time students with an unweighted GPA of 3.25 to 3.59.

TRANSCRIPT INFORMATION

Transcript information regarding classes taken and grades earned will not be changed once it is entered on the student's transcript. Because credit may not be duplicated, in the cases of courses reviewed, credit (if earned) will be removed from the original course. The original grade will remain on the transcript but will not be reflected in GPA.

Any course that is paid for by Wilmot Union High School or is offered in the Wilmot Union High School Planning Guide will be counted toward credit and GPA. 7th and 8th grade students who earn credit in Algebra, Geometry, or Spanish at Wilmot Union High School or at their respective feeder school with transcribed Geometry, Algebra, and/or Spanish will receive GPA credit for those courses as long as state criteria is met. WUHS strongly recommends those students still enroll in 2 more years of math at the high school level.



Advanced Placement Course Information - What is Advanced Placement?

The Advanced Placement Program (AP) is a cooperative educational endeavor between high schools and colleges or universities. It allows students to enroll in college-level courses while in high school, and gives them the opportunity to show mastery by taking an AP exam. Additional work outside of the traditional school year will be required for many AP courses.

AP Parent Meeting

An informational meeting will be scheduled in conjunction with the Panther Expo for parents of students who are interested in or have requested AP courses.

AP Exams

AP Exams are given during the second and third week of May. Every student takes the same exam at the same time. Students are not required to take the AP exam.

Benefits of AP Courses

The benefits of AP courses are multifaceted. They begin with helping the student adjust to the rigors of college/university courses; the pace, the amount of work and time involved, and the high expectations of the instructors. They continue with rigorous, challenging course work and successful completion (passing the AP exam) culminates with the student receiving credit, advanced placement or both at most colleges and universities. Students are also able to enroll in a higher-level course at college as freshmen. This not only translates into time saved, but also a financial savings for each credit earned while in high school. The amount of credit received varies, depending on the college/university, the AP score and the subject. As a result, all students planning to apply and enroll in a University are strongly encouraged to take at least one AP course in their Junior and Senior year.

Advanced Placement Courses Offered at Wilmot Union High School

- AP Studio Art and Design 2D
- AP Junior Language and Composition
- AP Senior Literature and Composition
- AP Biology
- AP Chemistry
- AP Calculus AB
- AP Calculus BC
- AP Physics
- AP (Macro) Economics
- AP U.S. History
- AP Psychology
- AP World History
- AP Environmental Science
- AP Human Geography

All students planning to apply and enroll in a University are strongly encouraged to take at least one AP course in their Junior and Senior year. AP courses promote rigor, challenging course work and college readiness.

HONORS LEVEL COURSE INFORMATION

Honors Courses are offered by the English, Mathematics, Science and Fine Arts Departments. An Honors Course is a course that is more academically rigorous in content. The course descriptions for each Honors Course includes a summary of the content and expectations along with predictors for success. Students and their parents should review this information carefully to see if there is a match between the demands of the course and the students' interests and abilities.

EARLY COLLEGE CREDIT (ECCP) and START COLLEGE NOW (SCN) PROGRAMS

The ECCP and SCN programs allows all public high school juniors and seniors who meet certain requirements to take post-secondary courses at a UW institution, a Wisconsin technical college or one of the state private, nonprofit institutions of higher education. Per DPI guidelines PI 40.07(2), Wis. Admin. Code, one semester credit offered by a postsecondary course is equivalent to ¼ high school credit. The program opens the door to greater learning opportunities for students who are considering a technical career, students wishing to begin college early, or students who want to prepare to enter the workforce immediately after high school graduation. **Please see your School Counselor for information regarding this option and pick up an enrollment packet that will guide you through the application process.** All information must be returned to your School Counselor by the following dates:

SCHOOL YEAR	SEMESTER	WUHS EARLY REGISTRATION DEADLINE DATE	STATE FINAL REGISTRATION DEADLINE DATE
Next Academic Year	First	February 15	March 1
Current Academic Year	Second	September 15	October 1

EARN COLLEGE CREDIT IN HIGH SCHOOL

Wilmot Union High School offers a variety of options for college credit. This includes, AP courses, SCN/ECCP, and PLTW courses. WUHS also offers a variety of dual-credit and transcribed courses taught by WUHS staff. These can easily be found on our ACP Homepage <https://www.wilmothighschool.com/acp/> by filtering the courses with the *College Credit* filter settings.

Transcribed: A "T/transcribed" in the ACP guide indicates that the teacher is teaching the college's course (Gateway, UW-Whitewater, or UW-Parkside). Teachers have permission to teach this course at WUHS using the course description and curriculum from the college. Students can earn dual credit (high school and college credits) in any of our transcribed courses from the college/university the course is associated with.

Dual Credit: Though the transcribed courses provide the opportunity for dual credit, students can earn both high school and college credits through SCN/ECCP courses or through the CNA program. Transcribed courses are not the only route to dual credit, but since they are taught by WUHS staff and built into the master schedule, sometimes students find this to be the best route to begin to earn college credits.



Empower Tomorrow's Biomedical Science Professionals Today

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place.

PLTW Biomedical Science students are taking on these same real-world challenges – and they're doing it before they even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

PLTW Biomedical Science courses are part of the **AP + PLTW biomedical science pathway**.

Building a Strong Foundation for College and Career

By immersing students in activities like practicing suturing and constructing body structures from clay, PLTW Biomedical Science empowers students to build knowledge and skills in biomedical science, as well as in-demand, transportable skills like problem solving, critical and creative thinking, communication, and collaboration.

PLTW Engineering Students Become Tomorrow's Problem Solvers Today

From launching space explorations to delivering safe, clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality. PLTW Engineering empowers students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The program's courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

*PLTW Engineering courses are part of the **AP + PLTW engineering pathway**.*

Building a Strong Foundation for College and Career

Each PLTW Engineering course engages students in interdisciplinary activities like working with a client to design a home, programming electronic devices or robotic arms, or exploring algae as a biofuel source. These activities not only build knowledge and skills in engineering, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance.

Bringing Computer Science to Life

At a time when computer science affects how we work and live, PLTW Computer Science empowers students in grades 9-12 to become creators, instead of merely consumers, of the technology all around them. The program's interdisciplinary courses engage students in compelling, real-world challenges. As students work together to design solutions, they learn computational thinking – not just how to code – and become better thinkers and communicators. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

WORK BASED LEARNING OPTIONS

Wilmot Union High School students have many opportunities to learn about the world of work. In fact, the majority of high school students work sometime during their high school years. Students who participate in school-supervised work-based learning have additional opportunities to learn employability skills and, with many programs, occupational-skills related to their high school courses. School-supervised work-based learning reinforces the connection between work and school, provides a chance for meaningful contact with adults/mentors, improves their chances for successful employment as young adults, and helps solidify career interests. For more information, contact the School-to-Career Coordinator, Tracy Strother at (262) 862-2351 ext. 348.

Program Requirements:

- Academic Good Standing
- 90% Attendance the Semester prior to application
- Junior (11th) or Senior (12th)
- No Article I Code of Conduct Violations
- Completed Application
- Recommendations may be required

State-certified Youth Apprenticeship (1 or 2 years)

Youth Apprenticeship (YA) is a specific state-certified, school-supervised work-based learning program, operated by Wisconsin's Department of Workforce Development (DWD). YA integrates school-based and work-based learning to instruct students in

employability and occupational skills defined by Wisconsin industries. All YA programs include Employability Skills Certification. Some YA Programs may include a DWD-certified Pre-Apprenticeship Program Certification. Students receive a minimum 450 hours in one calendar year for a Level I YA and a minimum 900 hours in two calendar years for a Level II YA.

Characteristics	Youth Apprenticeship	National Certification	Work Experience Employability Skills Certificate Program
Paid/Unpaid	Paid Work Experience	Paid Work Experience	Paid Work Experience
Related Classroom Instruction	State Required Competencies	National Required Competencies	State Required Employability Skills Local Competencies
Supervision	Youth Apprenticeship Coordinator	Vocationally Certified Teacher	Vocationally Certified Teacher
Certificate	Yes	Yes	Yes
High School Credit	Yes	Yes	Yes
Post-Secondary Credit	Possible	Possible	Possible
Required Number of Work Hours	450/900	400	480
Administered by	Dept. of Workforce Development	National Restaurant Association Foundation	Dept. of Public Instruction Local School District
Typical Time to Complete	1 or 2 years (11 th and/or 12 th grade)	2 years (11 th and 12 th grade)	1 or 2 years (11 th and/or 12 th grade)
Content Areas	-Financial -Health Services -Hospitality, Lodging and Tourism -Drafting & Design: Engineering Mechanical -Manufacturing: Machining Welding -Auto Technician	-ProStart Culinary	Must be enrolled in Professional Seminar

WORK BASED LEARNING COURSES OFFERED THROUGH WUHS

COURSE	FRESHMEN	SOPHOMORE	JUNIOR	SENIOR
ProStart Culinary			E	E
Asst. Childcare Teacher			E	E
Professional Seminar Business Work Experience Class			E	E
Nursing Asst. / Health Services YA			E	E
School-based Enterprise		E	E	E
E = The year a student is eligible to enroll in the course				

WORK BASED LEARNING COURSE DESCRIPTIONS

Work Experience

Co-requisites: Professional Seminar
 Credit: Up to 2.0 Credits for working in a business setting
 Grades: 11-12

Students will learn about careers, business practices, and how to conduct themselves in a professional and ethical manner. This program also combines in-school instruction with paid employment in an area business. Early release time is available. Students must achieve an Apprenticeship Certificate from the Department of Workforce Development, State Certified Co-op or Skills/Employability Certificate (21st Century Skills) from DPI in Madison or National Certification by completing this program to achieve work experience credit. One credit is obtained from the classroom experience and an additional 1.0 credit each semester may be obtained from work experience (credits are determined by the number of hours worked – 240 hours per semester).

Work Experience-Year 2

Prerequisite: Professional Seminar
 Credit: 1.0 Credit per semester for working in a business
 Grades: 12

Early release time is available. Students must achieve an Apprenticeship Certificate from the Department of Workforce Development, State Certified Co-op or Skills/Employability Certificate (21st Century Skills) from DPI in Madison or National Certification by completing this program to achieve credit. One credit each semester may be obtained from work experience (credits are determined by the number of hours worked – 240 hours per semester).

Certified Nursing Assistant (C.N.A.) / Health Services Apprenticeship- Hosted at Wilmot Union High School

Prerequisite: Students wishing enroll in this program at Wilmot will need a *Contract for Service form* completed with their counselor

Credit: 0.75 for Gateway Technical College course plus up to an additional 1.0 Credit for working in a C.N.A. job
Grades: 11-12

This course is an introduction to nursing concepts. Content includes the nursing process as it relates to clients' needs such as safety, asepsis and comfort. Theory is reinforced with concurrent simulated practice in lab and clinical health care setting. Students will be taught during the week by Gateway Technical College at Wilmot Union High School with a clinical site in a local nursing home. Students are responsible for their own transportation. If students work as a C.N.A. 1.0 additional credits can be obtained for work experience per semester if a student works 225 hours.

Assistant Child Care Teacher

Prerequisite: Child Development, 17 years of age
Credit: 0.50
Grades: 11-12

Students will learn the skills needed to earn an assistant child care certification from the state of Wisconsin. They will plan and conduct educational experiences for preschool children. Throughout the semester, students are required to spend 12 hours in a child care center working with children.

PANTHER EDUCATIONAL ASSISTANTS PROGRAMS

The Panther Educational Assistants Programs are designed to offer juniors and seniors an opportunity to work closely with Faculty members, students, and other Wilmot Union High School personnel. Students participating in any of the programs are limited to participation in only one period of their school day and must be in addition to their 6th class. Also, in order to be eligible a student must do the following:

- Students must be on course to graduate with their graduating class
- Students must have 11 credits after their Sophomore year or 17 credits after their Junior year

- Students who fail any class at the end of the first, second, or third quarter, during the present school year, will be reviewed and possibly removed, from the Panther Educational Assistants Program
- Students must have passed all classes the previous semester.
- Students enrolled in the Panther Educational Assistance Program cannot have had any truancies, assigned to the STEP Room, or out of school suspensions during their present or previous semester
- Teacher must submit the request via a form within the first ten (10) days of each semester

PEER TUTOR

Students can receive a $\frac{1}{4}$ credit per semester for tutoring within an academic department. Students who enroll in this program must display through previous coursework and/or via the teacher recommendation process that they will be able to work closely with students or small groups of students who need academic assistance. Department Tutors are assigned to a particular section and teacher to assist students within the course who need academic assistance. Students can be assigned, as Department Tutors, in lieu of a study hall.

OFFICE ASSISTANT

Students can receive a $\frac{1}{4}$ credit per semester for serving as an office assistant in the Student Services Office. Possible duties may include: office runners, filing, sorting, etc. Enrollment into this program requires Teacher/Supervisor recommendation. Students can be assigned, as Office Assistants, in lieu of a study hall.

TEACHER ASSISTANT

Students can receive a $\frac{1}{4}$ credit per semester as a teacher assistant. This program is designed for but, not limited to the following departments: P.E., Tech. and Engineering, Family and Consumer Education, Band, School Store (The Paw), or another lab-based class. Teachers who utilize Teacher Assistants must identify exact duties students will fulfill daily. Teacher Assistants will assist in setting up, cleaning up, and provide assistance in the efficiency of a class or lab. Students can be assigned, as a Teacher Assistant, in lieu of a study hall.

RELEASE OF STUDENT INFORMATION

Wilmot Union High School recognizes the following directory information, which may be released to individuals or organizations making legitimate requests, including military recruiters and institutes of higher education, unless a parent requests that such information not be released. Any parents who wish such information not be made public should complete an opt-out form and return it to the high school office:

- Student's Name
- Student's Address
- Parent or Guardian Name
- Parent or Guardian Address
- Parent Telephone Number
- Date of Birth
- Student's Gender
- Grade Level
- Dates of Attendance
- Honors and Awards Received
- Participation in School-Sponsored Activities, Organizations and Sports
- Previous School Attended
- Yearbook or ID Photo

STUDENT RECORD PRIVACY ACT

The Family Education Rights and Privacy Act (FERPA) of 1974 required that prior consent must be obtained from a parent or legal guardian of a pupil before any information may be disclosed by Wilmot Union High School to third parties. Exemptions to FERPA include:

- Requests from Wilmot Union High School faculty and staff with a legitimate need to know
- Requests in accordance with a lawful subpoena or court order
- Requests from officials of another school to which the student applied.
- Requests from persons or agencies specifically exempted by the Act.
- Requests for directory information described above



ART DEPARTMENT

ART102 – Art I

Credits: 1.00

Grades: 9-12

This is an introductory level studio art course, designed for students with all artistic ability levels and skills. Students will work on individual projects and studio studies to improve their drawing skills and to develop their understanding of the elements and principles of art which correspond throughout all art courses. Students will enhance artistic skills through exploring various media, techniques, concepts, and processes essential to understanding the visual arts and the role of the artist.

The emphasis is placed on the use of Art Elements in the creative process. The assignments are designed to enhance and nourish such skills as creative problem solving and critical thinking while developing the student's style. From then on, students will demonstrate their ability to respond, to analyze, and to interpret their artwork and the work of others through discussions, critiques, and reflections.

ART103 – Digital Photography

Credits: 0.50

Grades: 11-12

In this course students will explore digital photography in relation to fine art. Students must provide their own digital camera; they may not use a cell phone to take pictures. Students will create photographic art work to better understand electronic media as it pertains to art and art making. Emphasis will be placed on pre-visualization, planning, and problem-solving. The students' development as a photographer will improve while they create photographic images as expressive and thoughtful works of art. Students will competently use the technologies necessary for the production of their images, as well as learning about the visual arts.

Applications used during the course include the industry standard for graphics:

- *Adobe Photoshop*

ART201 – Art II

Credits: 1.00

Grades: 10-12

Prerequisites: Full year of ART102

This course is designed to provide students with an opportunity to experiment with a variety of art media, techniques, and processes. Each art assignment is carefully designed to help students find their own artistic preferences by trying out mixed media, collages, oil pastels, and various printing and painting techniques. Special attention is stressed on craftsmanship and process' application. By the end of the course students will form their own individual artistic style, understand the design process, and create a portfolio that will demonstrate their artistic growth.

ART202 – Computer Graphics

Credits: 0.50

Grades: 9-12

Prerequisites: ART102 – or concurrently

This course is designed to introduce students to digital imaging as a form of Art. Students will have an opportunity to learn and explore the possibilities of using advanced graphics technology to produce quality artwork. Students will learn to use Adobe applications, focusing on Photoshop skills to create, enhance, and manipulate photographs. Students will learn Design principles while working on the assignments that can be applied in any field of post-secondary study or career. Any student considering an Art and Design career will find this course extremely valuable.

Applications learned during the course include the industry standard for graphics:

- *Adobe Photoshop*
- *Adobe Illustrator*.

Part of Adobe ACA Certification program.

ART203 – Beginning Ceramics

Credits: 0.50

Grades: 9-12

Prerequisites: completion of or concurrent with ART102

This course introduces ceramics as an art form and explores the basics of forming and shaping clay. Students will be introduced to the beauty of ceramics by creating functional and decorative clay pieces while learning various ways to form and manipulate clay. We will focus on three hand-building techniques (pinch, coil, and slab methods), design, glazing, and firing processes. A variety of glazing and decoration techniques will be introduced as well. Students will be able to independently create pieces beginning with a sketched idea, and culminating in a finished product.

ART301 – Drawing and Painting

Credits: 0.50

Grades: 11-12

Prerequisites: ART201

This course is intended to enhance student's artistic abilities through experimentation in a variety of media. Students will be encouraged to develop their own personal creative vision, while working on refining their artistic skills through drawing and painting studies and assignments.

The class setting is similar to an art college studio class where students take ownership of their learning. All advanced art students are welcome!

It is recommended to take Drawing & Painting, along with Advanced Drawing & Painting prior to enrolling in AP Studio.

ART302 – Advanced Computer Graphics

Credits: 1.00

Grades: 10-12

Prerequisites: [ART202](#)

This course is designed to expand student experience in digital imaging.

Students will improve their visual and technical skills through completing

advanced visual tasks. In addition to learning new Adobe applications, students will learn about typography, web design, and the publishing process. The focus of the course is visual experimentation and problem solving. All the above skills can be applied to a future career as they are very desired by employers in any field.

Applications learned during the course include the industry standard for graphics:

- *Adobe Photoshop*
- *Adobe Illustrator*
- *Adobe InDesign*
- *Adobe After Effects*

Part of Adobe ACA Certification program.

ART303 – Ceramics II

Credits: 0.50

Grades: 9-12

Prerequisites: ART203

Ceramics II is a continuation of Beginning Ceramics with additional emphasis placed on skills, individual styles, and experimentation. Students will master their skills in hand-building techniques and experience other forms of working with clay - potter's wheel, sculpture, etc. Students will learn additional decorating techniques for their artwork, including underglaze painting, sgraffito, special effect glazing, etc.

ART304 – Portfolio I

Credits: 0.50

Grades: 11-12

Prerequisites: [ART201](#)

This course focuses on the creation and preparation of artwork, electronic portfolio development, and experimenting in various processes. This class gives students the responsibility to develop their own body of work through the use of craftsmanship and keen time management. Through their portfolio development process, students will gain an understanding of their own personal artistic vision, and an overall view of the fine arts. Students will delve more deeply into a particular aspect of art, and will formulate their own interests and goals, as well as work

independently to completion. Students will have the opportunity to create a competition/presentation portfolio to use for postsecondary school applications and admissions.

ART401 – Advanced Drawing and Painting

Credits: 0.50

Grades: 10-12

Prerequisites: [ART301](#)

This course is intended to further enhance student's abilities in drawing and painting through experimentation in a variety of media. Students will be given more freedom in their choices of subject matter and materials. Students will create artwork that reflects students' personality and unique artistic style, and can be added to the college portfolio. Focus of the class is to promote critical thinking in addition to refining the skills. It is recommended to take this class prior to enrolling in AP Studio.

ART403 – Portfolio II

Continuation of Portfolio I.

Credits: 0.50

Grades: 11-12

Prerequisites: [ART304](#)

This course is a continuation from Portfolio I. The course focuses on the creation and preparation of artwork, electronic portfolio development, and experimenting in various processes. This class gives students the responsibility to develop their own body of work through the use of craftsmanship and keen time management. Through their portfolio development process, students will gain an understanding of their own personal artistic vision, and an overall view of the fine arts. Students will delve more deeply into a particular aspect of art, and will formulate their own interests and goals, as well as work independently to completion. Students will have the opportunity to create a competition/presentation portfolio to use for postsecondary school applications and admissions.

ART404 – Visual Literacy and Technology

Credits: 1.00

Grades: 9-12

Prerequisites: None

This career-oriented course is intended for students who want to learn the language of **Graphic Design and Desktop Publishing**. Students will learn to use images to read and convey messages through visual media. Students will learn the process of design and production, work with Color Theory, Typography, and Design Principles to be able to produce quality designs for personal and professional use. Special emphasis will be given to the visual skills necessary for producing professionally looking everyday print and web materials, presentations, brochures, etc.

By the completion of the course, students will have a strong foundation for creating and appreciating art.

No prior Art experience is required, but strongly suggested prior to this class.

Students will be looking for solutions to given visual problems that involve both technology and traditional art/design media skills.

Applications learned during the course include the industry standard for graphics:

- *Adobe Photoshop*
- *Adobe Illustrator*
- *Adobe InDesign*

Part of Adobe ACA Certification program.

ART501 – AP Studio Art and Design 2D

Credits: 1.00

Grades: 11-12

Prerequisites: ART201

This course is intended for students who are serious about art. Students should be aware that AP work involves significantly more commitment and accomplishment than the typical high school class. Students will need to produce work outside of the classroom, as well as in it, and beyond scheduled class periods. All works created in this course should be high-quality, finished pieces, with an overall appearance of refined technique and solid application of skills. Students will

show a range of ideas and approaches to art making, and a sustained, deep, and multi-perspective investigation of a topic. Students' work is informed and guided by observation, research, experimentation, discussion, critical analysis, and reflection. Students will document their artistic ideas and practices to demonstrate conceptual and technical development over time.



BUSINESS AND INFORMATION TECHNOLOGY DEPARTMENT

BIT101 – Introduction to Business

Credits: 0.50

Grades: 9-11

College Credit: Transcribed/Dual Credit

Business is the core of our economic system and every responsible citizen should have basic business knowledge. In this course, students will gain the basic understanding of the different types of businesses, business management and ownership, our government's role in business as well as learn what it takes to start their own business. The topics discussed will give students an introduction to many other courses in BIT department at Wilmot. Every student interested in understanding business as it relates to life in a global economy or thinking of a potential career in business should definitely take this course! This course is a prerequisite to a few other business courses.

BIT121 – Computers for Professionals

Credits: 0.50

Grades: 9-12

College Credit: Transcribed/Dual Credit

Students will cover a variety of computer topics and software use in this course as well as review keyboarding posture. Students will become familiar with Microsoft Office Suite, specifically working with Word, PowerPoint, and Excel. -Emphasis will be placed on preparing students for Microsoft Office Specialist (MOS) certification exams. Students will gain skills that prepare them for many other technology courses in the BIT department.

BIT201 – Marketing Principles I

Credits: 0.50

Grades: 10-12

Prerequisites: [BIT101](#)

College Credit: Transcribed/Dual Credit

Marketing is one of the most dynamic and visible areas of business. Approximately one in every five jobs is marketing based. This course will not only provide a solid foundation to introduce students to marketing concepts and principles, but also give students an understanding of how marketing affects the daily lives of each person in our society. Topics will include: market segmentation, marketing functions, product/services, pricing, promotion, and distribution. This will be done through interactive learning, as well as a few individual and group projects. Students are strongly encouraged to become members of Wilmot DECA --a co-curricular student organization that provides students exciting opportunities to gain valuable hands-on marketing experience (conferences, competitive events, community service, leadership development) related to what is taught in the classroom.

BIT202 – Small Business Accounting I

Credits: 0.50

Grades: 10-12

You will learn basic accounting practices used to keep financial records for a business. You will learn the accounting cycle for a service business organized as a proprietorship and a merchandising business organized as a partnership. The programs used by small business owners, business professionals, and accountants, will be introduced to the students and used throughout the course. This course is strongly recommended for any student interested in pursuing a business degree in college or business ownership.

BIT203 – Business Law

Credits: 0.50

Grades: 10-12

This course is designed to acquaint students with the basic legal principles relevant to their roles as citizens, consumers and employees. Students will learn about the origin of law, constitutional rights, business ethics, the court system, criminal and civil law, and contracts. Content will be highlighted through a mock trial, various scenarios and activities, role plays and actual court case analysis.

BIT205 – Principles of Hospitality

Credits: 0.50

Grades: 10-12

College Credit: Transcribed/Dual Credit

This introductory course tours the related hospitality fields of hotels, tourism, foodservice, and recreational attractions with an emphasis on customer service. The course will cover the typical types of establishments found in Wisconsin and throughout the United States. Students will be introduced to common job titles, organizational structures, career opportunities, and trends in this field. Students will create a career plan and initiate a portfolio related to one of the specific hospitality fields.

BIT206 – Introduction to Service

Credits: 0.50

Grades: 10-12

College Credits: Transcribed/Dual Credit

This course addresses customer service in the hospitality fields, and discusses how service is the backbone of this industry. Students will learn how to identify good and poor service as well as how correct service has evolved and the reasons for quality service. Students will learn how to address upset customers and gain basic dispute management skills.

BIT207 – Managing Service in the Hospitality Industry

Credits: 0.50

Grades: 10-12

College Credit: Transcribed/Dual Credit

Students will master the key supervision skills needed in the business and hospitality fields. They will examine the evolution of management theory and organizational environments. This course investigates the four functions of management: planning and decision making, organization, leading and motivating, and controlling. Additional topics may include: staffing, training, corporate social responsibility and ethics.

BIT208 – Entrepreneurship

Credits: 0.50

Grades: 9-12

College Credit: Transcribed/Dual Credit

Entrepreneurship is the art of owning and operating your own business. In this class, students will learn first-hand how startups start by identifying problems, gathering data, and generating viable business solutions. And, all the while student practice and develop the “human skills” they will use throughout college and career. Students will also explore and assess their entrepreneurial attitudes and ability, learn how to assess business competition, and create a business plan.

BIT211 – Organizational Management and Leadership

Credits: 0.50

Grades: 10, 11, 12

Prerequisite: Application process with the instructor

Each learner will apply the skills and tools necessary to perform the functions of a frontline leader. This course will explore leadership by using their positions and roles that students currently are leaders in and find ways to support and improve their leadership capabilities. Each learner will

demonstrate the ability to transition to a supervisory role using Servant Leadership principles. Topics will include: organizational structure, delegation, staffing, leadership, problem-solving, team skills, motivation, ethics, training and day-to-day operations. Students have the opportunity to earn the Wisconsin Youth Leadership Certificate, which recognizes a student's mastery and exhibition leadership skills valued by employers, communities, and organizations and are issued by the Wisconsin Department of Public Instruction.

BIT220 – Business Communications

Credits: 0.50

Grades: 9-12

In today's global business atmosphere, effective written, verbal, and interpersonal communication skills are a fundamental part of being a successful professional. This course will focus on building personal communication skills to better project a professional image. In this project-based course, students will: evaluate communication styles, improve active listening, and design business materials while learning how to produce clear, concise, and powerful messages across various communication channels – including social media.

BIT222 – Digital Productions

Credits: 0.50

Grades: 9-12

This course will teach students Adobe Premiere Pro CS6, the program used by the professionals and taught at colleges and universities. Students will learn how to work with still images, import music, edit and assemble video, use transitions, apply effects, and design titles and credits to create quality movies. In this project-based course students will create projects using Picture-in-Picture and a Green Screen. In addition, during this course students will create videos for Wilmot High School.

Want to begin your career in broadcasting? Within this course you will have an opportunity to broadcast Wilmot High School events. Learn how to use the equipment, sit in the broadcast booth, and describe the action.

Note: If you do not want to broadcast Wilmot events, that's fine. Enroll in the class to learn Adobe Premiere CS6.

BIT226 – Small Business Accounting II

Credits: 0.50

Grades: 10-12

Prerequisites: BIT202

You will broaden your study of accounting by further learning the accounting cycle for a merchandising business organized as a partnership. An accounting simulation will be part of the curriculum. This course is strongly recommended for any student interested in pursuing a business degree in college or business ownership.

BIT232 – IT Essentials

Credits: 1.00

Grades: 9-12

Prerequisites: BIT121 or Counselor Approval
College Credit: Transcribed/Dual Credit

IT Essentials focuses on the relationship between hardware and system software. The course topics include PCs, peripherals, networking, security, troubleshooting, and communication skills. IT Essentials is an introductory course that presents a foundation toward the pursuit of CompTIA A+ certification at Gateway Technical College.

BIT233 – Computer Science Essentials (PLTW)

Credits: 1.00

Grades: 9-12

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to

Computer Science Principles and/or Cybersecurity.

BIT301 – Marketing Principles II

Credits: 0.50

Grades: 11-12

Prerequisites: BIT201

College Credit: Transcribed/Dual Credit

Students will advance their knowledge and understanding of the marketing foundations, functions, and concepts through advanced level content, interactive learning, as well as applying that understanding through several higher-level individual and group projects. Emphasis is placed on developing their skills in promotion, particularly with regard to social media marketing. Students enrolled in this course are strongly encouraged to be members of Wilmot DECA--a co-curricular organization that provides students exciting opportunities to gain valuable hands-on marketing experience (conferences, events, community service, leadership development) related to what is taught in the classroom. Students MUST take Marketing Principles I before this course.

BIT304 – Professional Seminar

Credits: 0.50

Grades: 11-12

Students will learn about careers, employability skills, soft skills, business practices, and how to conduct themselves in a professional and ethical manner. Students in this course can also combine in-school instruction with paid employment through work-based learning options. Early release time is available.

BIT306 – Retailing Principles

Credits: 0.50

Grades: 11-12

College Credit: Transcribed/Dual Credit

Retailing provides the student with a basic understanding of the retail environment. The course includes: the retail structure, basic

factors involved with store location, product line, fixtures and equipment. The course will also focus on major trends in retailing, along with strategies used in staffing, maintaining personnel, merchandise planning and control, and strategies in merchandise buying and receiving. Students will prepare to take the Fundamental Business Concepts A*S*K certification exam in this course AND practice their selling skills by working in the school store. It is strongly recommended that students also enroll in Selling Principles for second semester.

BIT307– Selling Principles

Credits: 0.50

Grades: 11-12

College Credit: Transcribed/Dual Credit

Selling Principles provide the student with a basic understanding of the consultative selling process. This course will build a solid understanding of the steps in the professional sales process, examining the characteristics of a successful salesperson, buyer behavior, communication styles, and ethics. Class discussions of actual selling problems will be encouraged in addition to solving case problems, scenario role plays, and student's sales presentations. Students will prepare to take the Fundamental Business Concepts A*S*K certification exam in this course AND practice their selling skills by working in the school store. It is strongly recommended that students enroll in Retailing for first semester.

BIT334 – Cybersecurity (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: BIT121 or BIT233

This course exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play and train as cybersecurity experts. PLTW Cybersecurity strongly connects to the National Cybersecurity Workforce Framework which utilizes

standards developed by numerous academic, industry, and government organizations. The course gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, “outside-the-box” thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

BIT333 - Computer Science Principles (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: BIT233

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they’ve learned to tackle challenges like app development and simulation.

This course is part of the AP+PLTW pathway. Students enrolled in this course are invited to participate in the Advanced Placement Computer Science Principles exam.

BIT401 – Financial Literacy

Credits: 0.50

Grades: 12

Prerequisites: Senior Standing (required for graduation)

Financial Literacy will enable students to make informed decisions about planning, organizing and allocating their financial resources. Students will gain an understanding of financial services, insurance, credit, loans (car, home and education), mortgages, budgeting and retirement strategies. Other topics will include renting an apartment, leasing vs. buying automobiles, purchasing a home, understanding the paycheck and careers.



ENGLISH AND LANGUAGE ARTS DEPARTMENT

ENG090 – Reading/Writing Lab

Credits: 1.0

Grades: 9-11

Students will learn and apply research-based strategies to improve their engagement with and comprehension of fiction/nonfiction texts. Students will learn to identify text structure, write about fiction/nonfiction and learn academic vocabulary that will enhance their comprehension of nonfiction texts. The curriculum will focus on State Standards for reading informational texts, literacy in science/technical subjects, and literacy in history/social studies, using texts that will reinforce content area standards taught in the freshman/sophomore curriculum.

ENG102 – English I

Credits: 1.00

Grades: 9

During this year-long course students will study reading and writing using themes and patterns in fiction, nonfiction, poetry, and drama. Reading, speaking, listening, and language instruction will focus on the critical concepts and skills outlined in the State Standards. Writing instruction will focus on the process of writing narrative, informative, and persuasive essays per the skills outlined in the State Standards.

ENG103 – Honors English I

Credits: 1.00

Grades: 9

Prerequisites: demonstrated excellence in the content and above proficient reading ability

This course is designed for 9th graders who wish to pursue English 10 Honors and/or AP English. In addition to receiving skills taught in 9th grade, students will be exposed to reading and writing commonly used to prepare for the AP exams. Students will study reading and writing using themes and patterns in fiction, nonfiction, poetry, and drama. Reading, speaking, listening, and language instruction will be focused on the

critical concepts and skills outlined in the State Standards. Writing instruction will focus on the process of writing narrative, informative, and persuasive essays per the skills outlined in the State Standards with a goal toward college level writing.

ENG202 – English II

Credits: 1.00

Grades: 10

Prerequisites: ENG102

During this year-long course, the 10th grade students will study the rhetorical strategies used in the various modes of speaking, writing, and research. Literature from a variety of genres will be used to learn skills and critical concepts outlined in the State Standards for reading, speaking, listening, and language. Writing instruction will focus on the process and advanced development of writing analysis, informative, and persuasive essays and major papers, per the skills outlined in the State Standards.

ENG203 – Honors English II

Credits: 1.00

Grades: 10

Prerequisites: demonstrated excellence in the 9th grade content and above proficient reading ability

This course is designed for 10th graders who wish to build on skills from Honors English I and pursue AP English in grades 11 and/or 12. In addition to receiving skills taught in tenth grade, students will be exposed to reading and writing commonly used to prepare for the AP exams. Students will study the rhetorical strategies used in the various modes of speaking, writing, and research. Literature from a variety of genres will be used to learn skills and critical concepts outlined in the State Standards for reading, speaking, listening, and language. Writing instruction will focus on the process and advanced development of writing analysis, informative, and persuasive essays, per the skills outlined in the State Standards with a goal toward advanced

writing skills appropriate for success on the AP exams.

ENG302 – American Literature

Syllabus: [ENG302](#)

Credits: 1.00

Grades: 11

Prerequisites: Junior level standing

During this year-long course, students will read multicultural American literature in various genres from the colonial period to the present. Nonfiction texts related to the curriculum will also be used for reading and writing instruction. Reading, speaking, listening, and language instruction will focus on the critical concepts and skills outlined in the State Standards using nonfiction texts and American Literature as the foundation for learning. Writing instruction will focus on the process of writing, expository, informative, and persuasive essays per the skills outlined in the 11-12 State Standards.

ENG306 – Journalism I

Credits: 0.50

Grades: 10-12

Prerequisites: ENG102 or ENG103

This semester course is designed to give students interested in journalism an overview of the different types of journalistic writing and knowledge of publications production. An emphasis is placed on writing for an audience and the technical and mechanical aspects of writing for print and digital media. Students will evaluate various types of media content and participate in a variety of reading, speaking, and writing activities.

ENG307 – Journalism II

Credits: 0.50

Grades: 10-12

Prerequisite: Successful completion of ENG306

This course is designed for those students who have completed Journalism I. Journalism II will focus on advanced journalistic writing skills for publications.

Students in this course will serve as editors of the school newspaper by generating story ideas, applying the AP Stylebook to writing, creating deadlines, and making final decisions on what goes to print. Students will also be involved in preparing the newspaper for publication by means of our publication technology software. Students will complete an in-depth reporting spread as a culminating project.

ENG402 – Senior Literature & Composition

Credits: 0.50 or 1.0

Grades: 12

Prerequisites: Senior level standing

During this semester course, students will read and analyze works of world literature from a variety of authors and genres. Students will contrast major literary forms, techniques, and characteristics of the major literary periods and relate the works and authors to the major themes and social, political, and literary issues of the eras. Nonfiction texts related to the curriculum will also be used for reading and writing instruction. Reading, speaking, and listening instruction will be focused on the critical concepts and skills outlined in the State Standards using nonfiction texts as the foundation for learning. Writing instruction will focus on the process of writing, expository, informative, and persuasive essays per the skills outlined in the State Standards.

ENG501 – AP Language & Composition

Credits: 1.00

Grades: 11-12

Prerequisites: ENG102 and ENG202

This course, approved by the College Board, exposes students to college-level reading, writing, thinking, and expectations. Students read complex American nonfiction, understanding prose through analysis of rhetorical styles, structures, language usage, and tone. Students write extensively, producing effective and rich expository,

argumentative, and analytical texts targeted for mature audiences. The focus on language in the course assumes that students enter with a solid understanding of Standard English grammar, competence in composition, and proficient reading skills. Students are strongly encouraged to take the AP exam in May.

ENG502 – AP Literature & Composition

Credits: 1.00

Grades: 11-12

Prerequisites: ENG102 and ENG202

This course, approved by the College Board, engages students in close reading and critical analysis of literature, focusing on how the formal elements of literature communicate meaning. Students extend their engagement with literature beyond the personal, learning how to critically analyze and evaluate it both as art and as a sociocultural force in history. Student writing includes logs, journals, focused analyses, interpretations, and supported claims. To prepare for the exam and for college, students learn to read, think, and write with increasing complexity and sophistication. Students are strongly encouraged to take the AP exam in May.

ENG503 – College and Career Writing

Credits: 0.50

Grades: 11 - 12

Prerequisites: ENG102 or ENG103, ENG202 or ENG203

This semester course will focus on the six purposes of writing to give students experience with non-literary writing. Examples of writing types include: proposals, data analysis narratives, short persuasive essays, critiques, and personal narratives. Connections will be made between purpose, specific audience, and use of each writing assignment in college and/or career.

ENG504 – The Contemporary Novel

Credits: 0.50

Grades: 12

Prerequisites: ENG102 or ENG103, ENG202 or ENG203, and ENG302

College Credit: Transcribed/Dual Credit

This course is a study of significant British and American novels and novelists of the last decade. It is aligned with University of Wisconsin-Whitewater English 263.



UNIVERSITY OF WISCONSIN
WHITEWATER

ENG505 – Multicultural Literature of the United States

Credits: 0.50

Grades: 12

Prerequisites: Successful completion of English 9,10, and American Literature
College Credit: Transcribed/Dual Credit

Multicultural Literature of the United States offers a wide range of literary texts (drama, essays, novels, poetry, and short stories) by people of color to offer students the opportunity to study and appreciate the experiences and challenges of diverse groups of people in American society: African-American, Asian American, Native American, and Latino/a. This body of literary works will be studied through the historical/political prism of each group so that students will be acquainted with the background of the literature.

Students may enroll ENG504 or ENG505 for high school credit only or for both high school credit and 3 UW Whitewater credits. Students who wish to enroll in these courses for the 3 credits must meet the following UW-Whitewater requirements: GPA of at least 3.25 on a 4.0 scale, ACT score of 24, and/or teacher approval. WUHS will pay the \$300 tuition fee for students as long as they earn the credit for this course.



FAMILY AND CONSUMER SCIENCES DEPARTMENT

FCS101 – Foods I

Credits: 0.50

Grades: 9-12

This introductory class provides students with many opportunities to develop their cooking and cooperative working skills. Units include: ingredient measurement, following recipes, and identifying and working with kitchen tools and equipment.

FCS201 – Foods II

Credits: 0.50

Grades: 9-12

Prerequisites: FCS101

Learn what it takes to develop advanced food preparation skills. Students will build on skills learned in FCS101-Foods I.

FCS204 – Child Development

Credits: 0.50

Grades: 10-12

Prerequisites: sophomore or greater standing
College Credit: Transcribed/Dual Credit

This course examines child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children age 3-8; summarize the methods and designs of child development research; analyze the role of heredity and environment; and examine the role of brain development in the early learning ages (3-8 years old).

FCS205 – Health, Safety, Nutrition for the Young Child

Credits: 0.50

Grades: 10-12

College Credit: Transcribed/Dual Credit

This course examines the topics of health, safety, and nutrition within the context of the early childhood educational setting. Course competencies include: integrate strategies that support diversity and anti-bias

perspectives; follow governmental regulations and professional standards as they apply to health, safety, and nutrition; provide a safe early childhood program; provide a healthy early childhood program; provide a nutritionally sound early childhood program; adhere to child abuse and neglect mandates; apply Sudden Infant Death Syndrome (SIDS) risk reduction strategies; and incorporate health, safety, and nutrition concepts into the children's curriculum. RealCare Baby Infant Simulators will be utilized to reinforce concepts. Students who take this class AND FCS303 will earn the Child Care Basics certification.

FCS301 – Baking

Credits: 0.50

Grades: 10-12

Prerequisites: FCS101 and FCS201

This course is designed for students who love to bake. This class is centered on learning the scientific principles and specific techniques that are needed in making any baked good. Students will prepare items such as cakes, cookies, pastries, pies, savory baked goods and a variety of breads. Basic cake decorating will also be taught.

FCS303 – Assistant Child Care Teacher/Foundations of Early Childhood (307-148-3W7A)

Credits: 0.50

Grades: 11-12

Prerequisites: FCS204 or FCE205 – students will need to earn a "C" or better to advance to ACCT

College Credit: Transcribed/Dual Credit

This course introduces you to the early childhood profession. Course competencies include: explore the concepts of diversity, cultural responsiveness and anti-bias as it relates to early childhood education programs in WI, summarize types of early childhood education settings, identify the components of a quality early childhood education program, summarize responsibilities of early childhood education

professionals, explore early childhood curriculum models and examine the critical role of play as it relates to developmentally appropriate practice. Students will learn the skills needed to earn an assistant child care certification from the state of Wisconsin. Throughout the semester, students are required to spend 10 hours in a child care center where they will plan and conduct educational experiences for preschool children. *Students who take this class AND FCS205 will earn the Child Care Basics certification.

FCS304 – Medical Terminology

Credits: 0.50
Grades: 10-12

This course will focus on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms. There is major emphasis on spelling, definition, and pronunciation as well as an introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems. This will also be inclusive of systemic and surgical terminology.

HLT201 – Health Occupations

Credits: 0.50
Grades: 10-12

This is a semester-long course that provided a basic orientation to many different Health Occupations through the use of instruction and guest speakers from a variety of Health Care professions. This class is ideal for those who may be interested in a career in the healthcare field and includes topics such as career exploration including shadowing experiences, the ethical roles and responsibilities of a healthcare worker, an overview of human body functions, and an introduction to medical terminology.

FCS401 – Culinary Arts I

Credits: 1.00
Grades: 11-12, Prerequisites: FCS201

This course challenges students to develop the skills needed to be successful in the field of professional cooking and hospitality. Advanced techniques in food preparation include: breakfast foods, sandwiches, eggs, desserts, fruits, vegetables, salads, and garnishes. Student will focus on employability, using standardized recipes, planning nutritious and specialized menus, business math, controlling foodservice costs, applying basic cooking methods and technology in a professional setting and working in today's diverse workforce. Culinary Arts I is the first of a two-part program in which students have the opportunity to earn a nationally-recognized ProStart certificate of completion. Students will complete the ProStart Level 1 certification.

FCS402 – Culinary Arts II

Credit: 1.00
Grades: 11-12, Prerequisites: FCS401– students will need to earn a “C” or better

This course is a continuation of concepts covered in Culinary Arts I and helps students develop the skills needed to be successful in the field of Professional Cooking and Hospitality. Advanced techniques in food preparation include: potatoes and grains, desserts and baked goods, meat and seafood, and stocks and sauces. Advanced business concepts covered in this course are the art of service, marketing and the menu, purchasing and cost controls, standard accounting practices, communications, tourism and lodging. Students will be exposed to new industry technologies in a professional setting. Culinary Arts II is the second of a two-part Certification program written by industry professionals and the National Restaurant Association. With successful completion of coursework, students will earn the nationally recognized ProStart Certificate of Achievement.



INDUCTION TO TEACHING COURSES



UNIVERSITY OF WISCONSIN
WHITEWATER

PIE: Partners in Education through University of Wisconsin Whitewater

The PIE program is a concurrent education program which provides a unique way to deliver rigorous curriculum to qualified high school students by allowing them to earn college credit while still fully engaged in the high school activities. By taking college credit in high school, students also set themselves apart by demonstrating that they can succeed in college classes. The syllabus, assignments, and requirements for each course are aligned with those taught on the UW-Whitewater campus.

Students receive transcribed credit for any PIE courses taken that are transferable to other colleges and universities.

Students may enroll in this course for high school credit only or for both high school credit and 3 UW Whitewater credits. Students who wish to enroll in these courses for the 3 credits must meet the following UW-Whitewater requirements: GPA of at least 3.25 on a 4.0 scale, ACT score of 24, and/or teacher approval. WUHS will pay the \$300 tuition fee for students as long as they earn the credit for this course.

ITP102 – Intro to Special Education

Credits: 0.50

Grades: 11-12

College Credit: Transcribed/Dual Credit

Students will explore issues and perspectives related to children, adolescents, and young adults with a variety of ability and disability experiences. Students will examine perceptions, assumptions, and attitudes related to students with exceptional needs. Considerable time will be spent on inclusive practices in general education environments where all staff accept the responsibility for the social and educational growth of ALL students.

SOC313 – Introduction to Human Development

Credits: 0.50

Grades: 10-12

College Credit: Transcribed/Dual Credit

Prerequisite: At least a C or better in Psychology or completion of AP Psychology

Students will learn the basic concepts of lifespan development using cognitive, biosocial, and psychological domains. Theorists include, but are not limited to, Piaget, Kohlberg, Vygotsky and Erikson. Empirical research will be evaluated and used to explore the science of human development. This course is a practical field for teaching, parenting, and any other career that interacts with people. Students will be encouraged to think scientifically and critically about the topics covered and identify ways to apply their knowledge of human development to their everyday lives and future. This course is aligned with Educational Foundations 230: Introduction to Human Development at UW-Whitewater, a developmental psychology course.

ITP103 – Teaching Practicum and Effective Teaching Practices

Credits: 0.50

Grades: 12

Students will be paired with local schools and teachers to observe and shadow students at varying age levels and abilities (PK-2, 3-5, 6-8, and students with cognitive disabilities). During this course students will obtain practicum hours that are supported by coming together one day a week to discuss their experiences. The classroom time will provide students an opportunity to journal, research, analyze, and share their learning experiences, while integrating best teaching practices into their practicum. Students will produce a portfolio based on Wisconsin teaching standards.

This course is only offered during second semester of the senior year. Students are scheduled at the feeder school during 8th hour on Monday – Thursday. On Friday during 8th hour, students meet at Wilmot. Students will be required to provide their own transportation.

ITP104 – Current Trends and Issues in Education

Credits: 0.50

Grades: 11-12

Students will explore the role of public education in the United States shaping their knowledge for analysis of the current trends and issues in education. Students will become familiar with the various roles in the public school system, the importance of teacher collaboration, licensing, teaching standards and content and grade level State Standards.



MATHEMATICS DEPARTMENT

MTH009 – Math Lab

Credits: 1.00

Grades: 9, 10, 11

Math Lab is designed for students currently enrolled in a mathematics course who need additional supports to strengthen their conceptual understanding and develop their proficiency on core standards. Students work on course prerequisite skills and essential standards for their specific level.

MTH102 – Algebra

Credits: 1.00

Grades: 9

Algebra focuses on linear, exponential, and quadratic functions. These concepts will be studied through equations, inequalities, graphs, and situations. Successful completion of this course satisfies the Algebra requirement for graduation.

MTH202 – Geometry

Credits: 1.00

Grades: 9-10

Prerequisites: MTH102

This course focuses on inductive and deductive reasoning, parallel and perpendicular lines, congruence and properties of triangles, quadrilaterals and polygons, similarity, right triangles, and circles. Probability, proof, as well as coordinate and transformational methods, are integrated into the course. Successful completion of this course satisfies the Geometry requirement for graduation.

MTH203 – Honors Geometry

Credits: 1.00

Grades: 9-10

Prerequisites: MTH102 and Teacher Recommendation

This course covers much of the content of the regular Geometry Course, plus additional topics. The use of proof will be emphasized and material will be covered in a more rigorous depth compared to Geometry, with

a goal toward advancing math skills appropriate for college level AP Exams. Successful completion of this course satisfies the Geometry requirement for graduation. This course is recommended for students that plan on taking AP Calculus or Intermediate Statistics.

MTH204 & TAE209- Geometry in Construction

Credits: 2.00

Grades: 10

Prerequisites: MTH102

Geometry in Construction is an interdisciplinary course that combines Geometry with Construction through the building of a significant construction project. The purpose of the course is to provide students an opportunity to learn Geometry by directly applying the concepts to a real-world construction project, while providing students with a better understanding of both the Geometry and the Construction content through the combination of the academic and work-world contexts. The Geometry content matches that of the other Geometry courses taught in the Mathematics Department, and prepares students for the subsequent Algebra 2 courses. Students will be exposed to and gain hands-on experience in job site safety and the phases of residential construction. Additional emphasis given to teamwork, problem-solving, and the promotion of STEM education. Upon successful completion of this course, students earn a required credit for Geometry and an elective tech ed credit in this double-period course co-taught by a Math instructor and a Construction instructor.

MTH301 – Algebra 2

Credits: 1.00

Grades: 9-12

Prerequisites: MTH102 and MTH202

This course focuses on quadratic, polynomial, exponential, logarithmic, rational, radical and trigonometric functions, their abstract

properties and their use for modeling real world situations.

MTH302 – Honors Algebra 2

Credits: 1.00

Grades: 9-11

Prerequisites: MTH203 and Teacher Recommendation

This college-prep course is intended for students seeking a more in-depth approach to Algebra 2 content with a goal toward advancing math skills appropriate for college level AP exams. This course is recommended for students that plan on enrolling in AP Calculus and/or AP Statistics.

MTH313 – Technical Math

Credits: 0.5

Grades: 12, 11*

Prerequisites: MTH202

This course reviews the four basic mathematical operations on whole numbers, fractions and decimals. Basic algebra and trigonometry as related to technical fields is also covered. Geometric principles along with calculations of linear, area and volume measurements are applied. Students will interpret and sketch graphs, cover the metric system, work with methods to solve technical conversion problems and be exposed to an introduction of statistics. *Juniors can take Technical Math with a teacher recommendation and approval from the Student Services Team.

MTH314 – Applied Math 1

Credits: 0.5

Grades: 12, 11*

Prerequisites: MTH202

College Credit: Transcribed/Dual Credit

This course reviews the four basic mathematical operations on whole numbers, fractions and decimals. Basic algebra and trigonometry as related to technical fields is also covered. Geometric principles along with calculations of linear, area and volume measurements are applied. Students will

interpret and sketch graphs, cover the metric system, work with methods to solve technical conversion problems and be exposed to an introduction of statistics. This course is articulated with Gateway Technical College and students will receive GTC credit. *Juniors can take Applied Math 1 with a teacher recommendation and approval from the Student Services Team.

MTH400 – Statistics

Credits: 1.00

Grades: 11-12

Prerequisites: MTH202 or MTH203

Looking for a math class that will help you in your college studies in science, psychology, business, or social sciences? Most college majors today require an introductory statistics course. This class will give you a head start of success. This activity-based class will introduce you to the world of data analysis. We will collect data using surveys and experiments and interpret the data to make informed decisions. Strong Reading and Interpretation skills are essential. Statistics is designed for any student interested in learning more about the subject.

MTH401 – Pre-calculus & Analytic Geometry

Credits: 1.00

Grades: 10-12

Prerequisites: MTH301

This course provides a good preparation for college math courses. Topics include functions and graphs; polynomial, power and rational functions; exponential, logistic, and logarithmic functions; trigonometry; matrices and systems of equations; conic sections; and sequences and series.

MTH402 – Honors Pre-calculus & Analytic Geometry

Credits: 1.00

Grades: 10-12

Prerequisite: MTH302 and Teacher recommendation

This college-prep course includes much of the content of Pre-calculus as well as additional topics including trigonometry. Material will be covered more in depth and at a rigorous pace as compared to Pre-calculus. This course is recommended for students that plan on taking AP Calculus.

MTH501 – AP Calculus AB

Credits: 1.00

Grades: 11-12

Prerequisites: MTH401 or MTH402

This is a college-level course equivalent to a first semester Calculus I course, covering the major topics of limits, derivatives, and integrals, as well as other topics specified in The College Board Advanced Placement AP Calculus course description. It has a rigorous college-level curriculum that is paced to prepare students for the AP Calculus AB Exam given in May. Students who score high enough on the AP Exam in the spring can earn college credit and/or advanced placement at the college they attend in the fall.

MTH503 – AP Calculus BC

Credits: 1.00

Grades: 11-12

Prerequisites: Students must have completed MTH501 – AP Calculus AB; with teacher recommendation.

AP Calculus BC is roughly equivalent to both first and second semester college calculus courses, covering differential and integral calculus, sequences and series, and other topics as specified in the College Board AP Calculus BC course description. It has a rigorous college-level curriculum that is paced to prepare students for the AP Calculus BC exam given in May. Students who score high enough on the AP exam in the spring can earn college credit and/or advanced placement at the college they attend in the fall.

MTH504 - Intermediate Statistics

Credits: 1.00

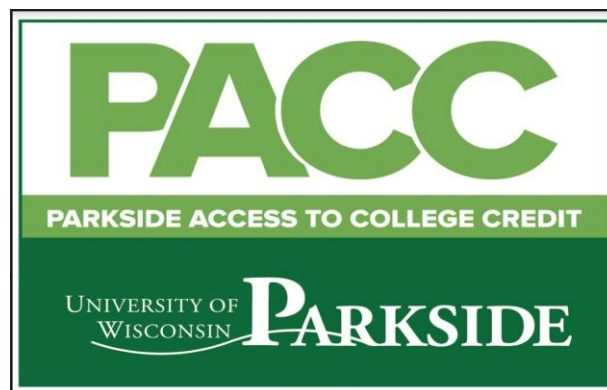
Grades: 11-12

Prerequisites: MTH301 or MTH302

College Credit: Transcribed/Dual Credit

Introduces inferential statistics including elementary combinatorics and probability, binomial and normal distributions, Central Limit Theorem estimation, confidence intervals, hypothesis testing, correlation, regression. Chi-square distribution, and analysis of variance. Students are able to take this course for transcribed credit with UW-Parkside Math 203 course through their Parkside Access to College Credit (PACC) program. Students who choose to earn UW-Parkside credit must complete the application process with UW-Parkside.

WUHS will pay the \$300 tuition fee for students as long as they earn the credit for this course.





MUSIC DEPARTMENT

MUS104 – Percussion Ensemble

Credits: 0.50
Grades: 9-12

All percussionists enroll in this class first semester followed by MUS201 or MUS202 second semester. This class reinforces percussion technique including: timpani, snare, keyboards, and Latin and African percussion. This ensemble is the drum section for the Guardsmen marching band and performs at all band concerts.

MUS105 – Music Appreciation

Credits: 0.50
Grades: 9-12

This course is designed to increase the student's awareness, knowledge, enjoyment and interest in diverse styles of music by applying listening opportunities, discussion, research, lectures and assigned readings. Styles include early musical forms, classical music and American jazz, as well as modern traditions including gospel, folk, soul, blues, Latin rhythms, rock and roll, and hip hop. Students do not need to have a musical background in order to succeed in class.

MUS106 – Theatre 1

Credits: 0.50
Grades: 9-12

An introductory course designed to spark interest in drama/theatre. Students will learn basic theatre principles in stage movement, voice, diction, and pantomime. They will study the history and vocabulary of theatre, practice techniques to overcome stage-fright and develop self-confidence, and concentration on improvisational techniques and acting skills for in-class performance and video projects.

MUS201 – Concert Band

Credits: 1.00
Grades: 9-12

Class open to students 9-12 who play a woodwind or brass instrument. This class will be combined with the Wind Ensemble to form the Guardsmen marching band 1st semester. Second semester the course is also open to all percussionists who took the Percussion Ensemble during the first semester.

MUS203 – Orchestra

Credits: 1.00
Grades: 9-12

This course is open to all students 9-12 who play guitar, violin, viola, cello, or bass. Music studied will include classical and contemporary works. Previous experience is NOT required.

MUS204 – Concert Choir

Credits: 1.00
Grades: 9-12

Concert choir is a performance-based ensemble open to students interested in singing. Repertoire of vast varieties will be performed: classical to popular music. The Choir competes at the local level.

MUS204 – Honors Concert Choir

Credits: 1.00
Grades: 12

Concert choir is a performance-based ensemble open to students interested in singing. Repertoire of vast varieties will be performed: classical to popular music. The Choir competes at the local level. **For the class of 2026 and beyond, a weighted grade will be earned for this course for seniors only if they participated in Concert Choir since 9th grade.*

MUS206 – Theatre 2

Credits: 0.50

Grades: 9-12

Demonstrate proficiency in characterization, diction, memorization, and concentration. Students will study and deliver monologues and scene work from modern sources as well as Shakespeare sonnets and plays and perform on various stages to demonstrate mastery of skills. Live performances would be required.

MUS301 – Wind Ensemble

Credits: 1.00

Grades: 10-12

Prerequisites: audition and selection

This advanced band class studies band literature grade 4 and higher. Students will be placed based on seating audition score and instructor approval. This course will combine with concert bands to form the Guardsmen marching band. **Please note for classes 2023-2025: only 1 Laude Pt will be earned no matter how many times the student is enrolled in the course.*

MUS301 – Honors Wind Ensemble

Credits: 1.00

Grades: 12

Prerequisites: audition and selection

This advanced band class studies band literature grade 4 and higher. Students will be placed based on seating audition score and instructor approval. This course will combine with concert bands to form the Guardsmen marching band. **Please note: only 1 Laude Pt will be earned no matter how many times the student is enrolled in the course. *For the class of 2026 and beyond, a weighted grade will be earned for this course for seniors only if they participated in band since 9th grade.*

MUS303 – Jazz Ensemble

Credits: 0.50

Grades: 10-12

Prerequisites: Concurrent enrollment in MUS201 OR MUS301

This is a performance-based class. Students will experience big band swing, jazz, rock, ballad and Latin music. The history of Jazz as well as improvisation will also be studied.

MUS304 – Treble Choir

Credits: 1.00

Grades: 11-12

Prerequisites: Teacher Approval

Treble Choir is a specialized ensemble for females, focused on superior performance and will compete at the local, state and national levels. The purpose of this choir is to further develop professionalism, musicianship and vocal mastery to the fullest potential.

MUS305 – Honors Vocal Ensemble

Credits: 1.00

Grades: 12

Prerequisites: Audition

Honors Vocal Ensemble is the most advanced performance-based choir. This ensemble studies a vast range of music from Renaissance to Contemporary. Along with performing at various locations, the Vocal Ensemble competes at the local/state levels. **Please note: only 1 Laude Pt will be earned no matter how many times the student is enrolled in the course. *For the class of 2026 and beyond, a weighted grade will be earned for this course for seniors only if they participated in Choir since 9th grade.*

MUS305 – Vocal Ensemble

Credits: 1.00

Grades: 9-12

Prerequisites: Audition

Honors Vocal Ensemble is the most advanced performance-based choir. This ensemble studies a vast range of music from Renaissance to Contemporary. Along with performing at various locations, the Vocal Ensemble competes at the local/state levels.

**Please note: only 1 Laude Pt will be earned no matter how many times the student is enrolled in the course.*

MUS306 – Technical Theatre 1

Credits: 0.50

Grades: 9-12

Technical Theatre 1 is an introductory course, which explores the backstage world of theatre. Students will investigate several areas of production and design from both a practical and a theoretical base.

MUS308 – Intro to Music Theory

Credits: 0.50

Grades: 9-12

This class is designed for students who wish to enrich their understanding of musical fundamentals. Students will develop skills that lead to an understanding of music theory, composition, and arranging. Tools used include piano keyboard and guitar provided by the school. Capstone assignments include student compositions.

MUS310 – Technical Theatre 2

Credits: 0.50

Grades: 9-12

Prerequisites: MUS306 or Teacher Recommendation

A more in-depth study of the major technical theatre aspects: scenery, props, lighting, sound, costuming, and makeup.



PHYSICAL EDUCATION AND HEALTH DEPARTMENT

PHY101 – Physical Education I

Credits: 0.50

Grades: 9

Developing and maintaining personal fitness throughout one's life begins with knowledge. Major concepts related to physical activity and fitness are presented in a format that equips the student with useful strategies to improve individual fitness. Specific activities are geared to assess and/or grasp major concepts crucial to establishing and maintaining lifelong fitness. Major concepts will be reinforced by the student actively participating in the Fitness Center which will include aerobic and anaerobic activities. Several sport and recreational activities will be incorporated into this required course: eclipseball, flag football, softball, table tennis, baggo, badminton, floor hockey, and soccer. Fitness units will include aerobics with the use of heart monitors, weight lifting and yoga. Many of the Wisconsin Model Academic Standards for Physical Education are met upon successful completion of this course.

PHY202 - Unified Physical Education

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students. Community CPR/AED Certification is included in this course.

PHY205 - Total Body Fitness I

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101

This course is designed to introduce the student to a wide variety of health enhancing physical fitness activities. Students will do pre and post fitness testing to help create SMART goals and analyze the results. Activities will include both anaerobic and aerobic workouts. Such activities will include proper lifting techniques, performing bodyweight exercises, cardiovascular workouts utilizing the Polar Heart Rate Monitors (treadmill, bike, elliptical, track), and high intensity cross-fit circuit workouts. Students will also learn about using yoga and meditation as a tool for enhancing physical and mental health.

PHY206 - Total Body Fitness II

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101, PHY205

This course is designed to build on the wide variety of health enhancing physical fitness activities the students learned in TBF I. Activities will include both anaerobic and aerobic workouts. Such activities will include proper lifting techniques, performing bodyweight exercises, cardiovascular workouts using the heart rate monitors (treadmill, bike, elliptical, track), and high intensity cross-fit circuit workouts. Students will also learn the major muscles of the body and create a personal workout plan utilizing that knowledge.

PHY207 – Trends I

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101

Trends I is a course designed for students interested in individual and group movements. Some of the activities that are covered through this course might include: Pilates, Zumba, yoga, hip hop dance, aerobics, meditation and introductory level

dance. This course will also cover components of Target Heart Rate, nutrition, flexibility, muscular strength, cardiovascular endurance, kinesthetic rhythm and teamwork. This course is designed for students who enjoy working collaboratively with others and are willing to take workouts in a creative direction. Community CPR/AED certification is included in this course.

PHY208 - Team Sports I

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101

Team Sports is an elective physical education course designed for students who have successfully completed PHY ED 101. This course will cover seven major team sports. The possible sports are basketball, flag football, volleyball, soccer, floor hockey, softball and team handball. The Team Sports course will incorporate ALL areas of the sport from participation, scorebook keeping, to coaching. Out of the class reading, of the rules and regulations of each sport, should be expected. Students electing to take the Team Sports course should enjoy participating in competitive sports and want to learn all facets of the sports.

PHY306 - Team Sports II/Officiating

Credits: 0.50

Grades: 11-12

Prerequisites: PHY101 and PHY208

Team Sports is an elective physical education course designed for students who have successfully completed PHY ED 101 and PHY ED 208 Team Sports I. The possible sports units are basketball, flag football, volleyball, soccer, floor hockey, softball, ultimate frisbee and handball. The Team Sports course will incorporate ALL areas of the sport from participation, scorebook keeping, coaching and officiating. Students will also complete WIAA certification to referee basketball, volleyball, soccer, softball/baseball and/or a sport of their choice. Approximately 50% of coursework will be in the classroom where students are

expected to read the rules and regulations of each sport and to work with others to prepare for exams. Students electing to take the Team Sports course should enjoy participating in competitive sports and want to learn all facets of the sports. Certifications offered in this course: CPR and Sports Officials.

PHY307 - Individual and Recreational Activities I

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101

Individual and Recreational Activities I is an elective physical education course for students that have successfully completed PHY101. Individual and Recreational Activities I is a class that focuses on activities that students can play throughout their lifetime. It will address the basic rules of play, scoring and safety. Sports to be covered will consist of, but are not limited to the following. Badminton, Volleyball, Pickle Ball, Archery, Horse Shoes, Baggo, Ladder Toss, Power walking, Aerobics, etc. This class will also involve the use of the fitness center for cardio and weight training. The students will be tested on the basic rules for safety and game play. They will also be evaluated on a daily basis on their ability to play the sports/activities to an acceptable level of competitiveness. Heart rate monitors will be utilized during aerobic workouts and some activities for students to self-monitor their Target Heart Rate and to achieve pacing during activity.

PHY308 - Individual and Recreational Activities II

Credits: 0.50

Grades: 10-12

Prerequisites: PHY101 and PHY307

Individual and Recreational Activities II is an elective physical education course for students that have completed PHY101 and PHY307. Individual and Recreational Activities II will be a class that takes activities that students can play for a lifetime, to the

next level. This class will challenge the students to adapt sports and games to accommodate different class sizes, available space, and differing abilities. The students will have to know the specific rules, scoring, and safety aspects of the sports/activities. The students will be asked to invent a game or activity, as well as, adapt an activity for a specific situation. The students will also create a personal fitness program involving cardio and weight training. Students will track their cardiovascular health through the use of a heart rate monitor during workouts and class activities. Individual and Recreational Activities II will enhance the student's problem-solving skills as well as their critical thinking skills through the use of sports.

PHY403 - Intro to Strength and Speed

Credits: 1.00

Grades: 10-12

Prerequisites: PHY101

This course is designed to introduce the student to a wide variety of health enhancing physical fitness activities. Activities will include both anaerobic and aerobic workouts. Such activities will include proper lifting techniques, performing bodyweight exercises, cardiovascular workouts that stress proper running techniques. Major lifts will include, Bench press, Back and Front Squat, Push Press, Rows, Deadlift and Cleans.

PHY404 - Strength and Speed II

Credits: 1.00

Grades: 11-12

Prerequisites: PHY101 and PHY403

This course is designed to further the student's knowledge on basic and complex lifts. Activities will include both anaerobic and aerobic workouts. Such activities will include proper lifting techniques, performing bodyweight exercises, cardiovascular workouts that stress proper running technique and speed and agility training. Major lifts will include, Bench press, Back and Front Squat, Push Press, Rows,

Deadlift, Cleans and Overhead snatch. Students will also learn the major muscles of the body and how they impact movement.

PHY405 - Strength and Speed III

Credits: 0.50

Grades: 11-12

Prerequisites: PHY101, PHY403 and PHY404

This course is designed to further the student's knowledge on basic and complex lifts. Activities will include both anaerobic and aerobic workouts. Such activities will include proper lifting techniques, performing bodyweight exercises, cardiovascular workouts that stress proper running technique and speed and agility training. Major lifts will include, Bench press, Back and Front Squat, Push Press, Rows, Deadlift, Cleans and Overhead snatch. Students will learn how all the muscles of the body impact movement and how to aid recovery and maintenance of the muscles.

HLT101 – Health Education

Credits: 0.50

Grades: 9

Health is a one semester course that is required for graduation. This course emphasizes the promotion of positive lifestyle behaviors and the importance of good decision-making skills in relationship to a variety of health content areas. These areas include: nutrition, stress management, first aid, tobacco, alcohol and substance abuse, health skills, and AIDS/HIV and human growth and development.



SCIENCE DEPARTMENT

SCI102 – Biology

Credits: 1.00

Grades: 9

There are five life science topics in the Next Generation Science Standards (NGSS) for the high school level: Structure and Function/ Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems/ Interdependent Relationships in Ecosystems/ Natural Selection and Evolution.

SCI103 – Honors Biology

Credits: 1.00

Grades: 9

Honors Biology will delve deeper into the topics outlined in Biology: Structure and Function/ Inheritance and Variation of Traits, Matter and Energy in Organisms and Ecosystems/ Interdependent Relationships in Ecosystems/ Natural Selection and Evolution. Placement is based on reading level, performance in previous science courses, teacher recommendation and overall academic achievement.

SCI104 – Principles of the Biomedical Sciences (PLTW)

Credits: 1.00

Grades: 9-12

Whether seeking a career in medicine or healthcare or simply looking for the challenge of real-world problems, students in Principles of Biomedical Science will practice how to think creatively and critically to innovate in science and gain practical experience tackling real-world challenges faced by biomedical professionals in the field. Principles of Biomedical Science is a full-year high school course in the PLTW Biomedical Science program. This course serves to provide foundational knowledge and skills in fields such as biology, anatomy and physiology, genetics, microbiology, and epidemiology, as well as engage students in how they can apply this content to real-world situations, cases, and problems such as solving a medical mystery case, diagnosing

and treating a patient, or responding to a medical outbreak. Students develop not just technical skills, but also in-demand, transportable skills – including problem solving, critical and creative thinking, collaboration, communication, and ethical reasoning – that they need to thrive in life and career.

SCI205 – Chemistry

Credits: 1.00

Grades: 10-12

An introductory course in the physical sciences (NGSS) focusing on the structure and properties of matter and chemical reactions. Student performance expectations will focus on developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas.

SCI206 – Honors Chemistry

Credits: 1.00

Grades: 10-12

Prerequisite: SCI103 or Teacher Recommendation

Honors Chemistry is more rigorous in content than chemistry but will still focus on the structure and properties of matter and chemical reactions. Students will cover more material and in greater depth with mathematics playing a central role in the class. Student performance expectations will focus on developing and using models, planning and conducting investigations, analyzing and interpreting data, using mathematical and computational thinking, and constructing explanations; and to use these practices to demonstrate understanding of the core ideas. This course is recommended for college bound students. Students enrolled in Honors Chemistry are encouraged to take AP Chemistry their Jr. or Sr. year.

SCI207 – Human Body Systems (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: SC1104 or Teacher Recommendation

Students who are interested in anatomy and physiology will examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through engaging real-world cases and play the roles of biomedical professionals to solve medical mysteries.

SCI208 – Geology and Astronomy

Credits: 0.50

Grades: 10-12

In this course, two primary disciplines of Earth science are covered in one semester. In geology, students will learn about the forces that shape the Earth, the composition of soil, rocks and minerals, plate tectonics, and fossil evidence that supports the evolution of the Earth. Astronomy focuses on many aspects of the universe, theories about how the universe was created, the effect of the Moon on the Earth, current studies in space and other related topics. This course is offered for the fall semester.

SCI209 – Oceanography and Climatology

Credits: 0.50

Grades: 10-12

This course focuses on two distinct areas of Earth science. Oceanography emphasizes the physical and chemical properties of salt water environments, the structure of the

ocean floor, life within the ocean, as well as environmental impacts and current research. In addition, similar topics will be covered for other bodies of water. Climatology will explore the effects of ocean currents, how to read and interpret weather maps, how to identify natural weather events, research on past weather events and weather forecasting technologies. This course is offered for the spring semester.

SCI301 – Environmental Science

Credits: 1.00

Grades: 11-12

This is a year-long course of study where students will develop an understanding and appreciation of the ecosystem we live in focusing on the relationship between living organisms and their environment. Course material will include environmental issues the world currently faces. It will discuss population, energy, pollution, and the historical environmental movement. Labs will include water studies and horticulture; the practice of plant cultivation and management. This course is recommended for students who have an interest in the environment and/or are pursuing a career in the biological or environmental sciences.

SCI303 – Physics

Credits: 1.00

Grades: 10-12

Physics is a part of the core science curriculum (Next Generation Science Standards/NGSS) and is recommended for college bound students, as well as any student with an interest in the physical world and how things work. The course of study includes forces and interactions, energy, and waves and electromagnetic radiation. The approach in this course is “concepts first” with fewer mathematical applications than in Honors Physics.

SCI306 – Honors Physics

Credits: 1.00

Grades: 10-12

This is a yearlong course and part of the Honors science sequence. Honors Physics will help to better prepare students for success in AP Physics and uses more mathematical applications than Physics. This course is recommended for college bound students.

SCI307 – Forensic Science

Credits: 0.50

Grades: 11-12

This course is designed to provide students with a basic theoretical and philosophical understanding of the investigatory process. Crime-solving techniques will be studied, as well as hands-on laboratory investigations in areas of physical and biological evidence such as: hair and fiber, fingerprinting, DNA, forensic anthropology, forensic serology, and counterfeiting.

SCI308 – Medical Interventions (PLTW)

Credits: 1.00

Grades: 11-12

Prerequisites: PBS, HBS, Teacher Recommendation

This is the third of four courses in the Biomedical Sciences program. Students investigate a variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the life of a fictitious family. Through these scenarios, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices and diagnostics. This course is designed for 11th or 12th grade students.

SCI401 – Biomedical Innovations (PLTW)

Credits: 1.00

Grades: 12

Prerequisites: PBS, HBS, MI, Teacher Recommendation

This is the capstone course for the Project Lead the Way, Biomedical Sciences program. In this year-long course, students design innovative solutions for the health challenges of the 21st century. They work through progressively challenging open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering and public health. They have the opportunity to work on an independent project with a mentor or advisor from a university, hospital research institution or the biomedical industry. Throughout the course, students are expected to present their work to an audience of STEM professionals.

SCI501 – AP Biology

Credits: 1.00

Grades: 11-12

AP Biology is a college level course. Students have the opportunity to earn university credit or advanced standing at most of the nation's colleges or universities. Main subject areas covered are: chemistry of life, cells, heredity, genetics, evolution, organism diversity, structure and function of plants and animals, and ecology. Extensive laboratory experiences will require additional time put in by the student. Students who successfully pass the AP Biology test in May may receive college credit.

SCI502 – AP Physics

Credits: 1.00

Grades: 11-12

Prerequisites: SCI303 or SCI306

AP Physics is designed to be equivalent to the first semester of a college physics course. This course emphasizes mastery of physics concepts, vocabulary, problem solving, and laboratory skills. Students will learn all mechanics topics including motion, force, gravity, energy, momentum, and rotation. Students will have the opportunity to complete hands on laboratory activities for each of these topics. The advanced problem-solving techniques require students to have strong understanding of Algebra 2 and Pre-Calculus skills.

SCI506 – AP Chemistry

Credits: 1.00

Grades: 11-12

AP Chemistry is a rigorous course that is designed to be equivalent to an introductory, college-level Chemistry course. Students will develop problem solving, laboratory and collaborative skills. Instruction will be provided via lecture, laboratory activities, discussions and small group work. In addition, students' independent study of each unit is critical to their success. Major topics include a review with additional depth of all of the topics of General Chemistry, as well as a study of thermochemistry and thermodynamics, kinetics, equilibria in gas and aqueous phases, oxidation/reduction, acids and bases, and electrochemistry. The rigorous nature of the course requires that students have a strong understanding of Honor Chemistry and Algebra II/Trigonometry. General Chemistry students may take AP Chemistry with instructor approval. Students will have the opportunity to earn college credit by taking the AP exam in May.

SCI503 – AP Environmental Science

Credits: 1.00

Grades: 11-12

Prerequisites: SCI205 or concurrent enrollment

AP Environmental Science investigates modern environmental issues integrating concepts from biology, earth science and chemistry. The course is designed to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students will participate in field studies to collect and analyze authentic data and to evaluate specific environments. Length of course – full year/one class period per day. Students who are admitted to the course are expected to take the Advanced Placement examination in May and may earn college credit.



SOCIAL SCIENCES DEPARTMENT

SOC101 – Civics

Credits: 0.50

Grades: 9

This required semester-long course taken during the freshman year, covers the basics of our government and its role in our society. Students will learn the structure of the U.S. Government and how it operates so that they will become informed citizens who participate in our democratic system. State mandate now requires students to take a citizenship test.

SOC201 – World History

Credits: 1.00

Grades: 10

This required two-semester course taken during the sophomore year, covers the geographical, religious, achievements, political, economic and social impacts (GRAPES) of major civilizations throughout history from the industrial revolution to the present. Some specific topics include world religions, WWI and WWII, revolution, Cold War and current Middle East hot spots. *AP World History fulfills the SOC201 World History requirement*

SOC202 – Current Events through Multiple Perspectives

Credits: 0.50

Grades: 10-12

Explore present day events through the lens of various perspectives with the purpose of better understanding the point of view of diverse populations. The course will explore the connection between current events and historical background.

SOC301 – U.S. History

Credits: 1.00

Grades: 11

This required two semester course taken during the junior year, covers the history of the United States from colonization to the present. Physical and cultural geography is also addressed in this course. 20th century history is the emphasis of the 2nd semester. *AP U.S. History fulfills the SOC301 U.S. History requirement*

SOC302 – Wisconsin History

Credits: 0.50

Grades: 11-12

This semester course taken during the junior or senior year, introduces students to the study of the processes, peoples and events that have shaped the history of our state including Native American history and culture within our borders. The course also introduces students to the structure, functions and operations of state, county and municipal governments in Wisconsin.

SOC305 – Sociology

Credits: 0.50

Grades: 11-12

This semester course taken during the junior or senior year, introduces the systematic and scientific study of human group behavior. Topics covered include sociological theory, culture, group behaviors, social structure and institutions. This course is designed to prepare students for an introductory college sociology class.

SOC306 – Psychology

Credits: 0.50

Grades: 10 -12

A semester course that will help any student become familiar with the principles of psychology for both daily life and college. Content includes the methodology used to study psychology, neuroscience, personality development, abnormal behavior, and associative learning. This is a Social Studies elective open to all sophomores, juniors, and seniors. This course is not a prerequisite to AP Psych.

SOC312 – Academic Decathlon

Credits: 0.50 each semester

Grades: 10-12

This two-semester course is geared for anyone (grades 10-12) who is inclined to make the school's Academic Decathlon team. Students with all grade point averages are encouraged to take this class as the team must be made up of students with varying GPA's. The curriculum is dictated by the United States Academic Decathlon and the overall theme changes annually. The theme is usually announced in March. Though the theme may change, the format of the class is structured the same every year. Students will study for tests in Literature, Economics, Math, Art, History, Science, and Music. Students will also prepare speeches, write essays, and be interviewed. First and second semester will vary widely due to the fact that the second semester is geared toward the people who make the team, but not limited to these students. Students will be graded mostly on their testing scores, essays and speech. Academic Decathlon class is a wonderful way to learn how to prepare for college. Many different learning techniques are practiced and explored. (Students may register for one or both semesters)

SOC313 – Introduction to Human

Development

Credits: 0.50

Grades: 10-12

College Credit: Transcribed/Dual Credit

Prerequisite: At least a C or better in

Psychology or completion of AP Psychology



UNIVERSITY OF WISCONSIN
WHITEWATER

Students will be educated on basic concepts of lifespan development using cognitive, biosocial, and psychosocial domains. Theorists to be studied include but are not limited to Piaget, Kohlberg, Vygotsky and Erikson. Empirical research will be evaluated and used to explore the science of human development. This course is a practical field for teaching, parenting, and any other career that interacts with people. Students will be encouraged to think scientifically and critically about the topics covered and identify ways to apply their knowledge of human development to their everyday lives and future. This course is aligned with Educational Foundations 230: Introduction to Human Development at UW-Whitewater.

Students may enroll in this course for high school credit only or for both high school credit and 3 UW Whitewater credits. Students who wish to enroll in these courses for the 3 credits must meet the following UW-Whitewater requirements: GPA of at least 3.25 on a 4.0 scale, ACT score of 24, and/or teacher approval. WUHS will cover the \$300 tuition fee as long as the student earns the credit for this course.

SOC401 – Economics

Credits: 0.50

Grades: 10-12

This required semester course taken during the senior year explores the roles of consumers and producers and their interactions. The study and understanding of scarcity is central to the economic problem, which is, how people try to satisfy their unlimited wants with limited resources. Students will explore topics that concern how individuals, firms, and entire

economies make decisions. A study of supply and demand and the way they function to determine prices, resource allocation, and income distribution will be included. Interpreting economic indicators and business cycles will also be discussed. Necessary skills include basic computation, graphical analysis and critical thinking.

AP Economics fulfills the SOC401 Economics requirement

SOC501 – AP U.S. History

Credits: 1.00

Grades: 11-12

Prerequisites: SOC201

This two-semester course can be taken during the junior, or senior year and fulfills the U.S. History requirement. This course follows the general outline provided by the Educational Testing Service and College Board, which creates the Advanced Placement examination. Students admitted to the course are expected to take the Advanced Placement examination in May. Successful completion of this exam could result in earning college credits while in high school that will transfer to any UW system school and most other universities. This is a college level history course taught to highly motivated students. The expectation is that students will assume responsibility for completing heavy reading and writing assignments. Topics to be covered will appear in chronological order beginning with 1491 and moving to present-day. Summer homework required.

AP U.S. History fulfills the SOC301 U.S. History requirement

SOC502 – AP Psychology

Credits: 1.00

Grades: 10-12

This two-semester course can be taken during the sophomore, junior, or senior year. This course follows the general outline provided by the Educational Testing Service

and College Board, which creates the Advanced Placement examination. Students admitted to the course are expected to take the Advanced Placement examination in May. Successful completion of this exam could result in earning college credits while in high school that will transfer to any UW system school and most other universities. This is a college level psychology course taught to highly motivated students. The expectation is that students will assume responsibility for completing heavy reading and writing assignments.

SOC503 – AP Macroeconomics

Credits: 0.50

Grades: 10-12

This semester-long course can be taken during the sophomore, junior, or senior year and fulfills the Economics requirement. This course follows the general outline provided by the Educational Testing Service and College Board, which creates the Advanced Placement examination. Students admitted to the course are expected to take the Advanced Placement examination in May. Successful completion of this exam could result in earning college credits while in high school that will transfer to any UW system school and most other universities. This is a college level economics course taught to highly motivated students. Topics to be covered include: basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment and stabilization policies, economic growth and productivity and open economy: international trade and finance.

SOC504 – AP World History: Modern

Credits: 1.00

Grades: 10-12

Prerequisites: SOC101

This two-semester course can be taken during the sophomore through senior year and fulfills the World History requirement. This course follows the general outline provided by the Educational Testing Service and College Board, which creates the Advanced Placement examination. Students admitted to the course are expected to take the Advanced Placement examination in May. Successful completion of this exam could result in earning college credits while in high school that will transfer to any UW system school and most other universities. This is a college level history course taught to highly motivated students. The expectation is that students will assume responsibility for completing heavy reading and writing assignments. The purpose of this course is to develop a greater understanding of the evolution of global processes and contacts in different types of human societies beyond Western Civilization. Topics to be covered will appear in chronological order beginning with a period before 1200 C.E., with most emphasis in AP work 1200 to the present. Summer homework.

AP World History fulfills the SOC201 World History requirement

SOC505 – AP Human Geography

Credits: 1.00

Grades: 9-12

This two-semester course can be taken during freshman through senior year and fulfills the Global Studies requirement. This course follows the general outline provided by the Educational Testing Service and College Board, which creates the Advanced Placement examination. Students admitted to the course are expected to take the Advanced Placement examination in May. Successful completion of this exam could result in earning college credits while

in high school that will transfer to any UW system school and most other universities. This is a college level history course taught to highly motivated students. The expectation is that students will assume responsibility for completing heavy reading and writing assignments. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Students will employ spatial concepts, landscape analysis and the tools and methods geographers use in their science and practice.

SOC507 – P.I.E. Microeconomics

Credits: 0.50

Grades: 10-12



UNIVERSITY OF WISCONSIN
WHITEWATER

College Credit: Transcribed/Dual Credit

Consumer and firm behavior. Market supply and demand and the price system. Monopoly and imperfectly competitive market structures. The pricing of factors of production and the distribution of income. Additional topics may include: poverty, growth and development; international trade. This course is aligned with Principles of Microeconomics: 201 at UW-Whitewater. Students taking this course should have obtained a "C" or better in Algebra 1.

Students may enroll in this course for high school credit only or for both high school credit and 3 UW Whitewater credits. Students who wish to enroll in these courses for the 3 credits must meet the following UW-Whitewater requirements: GPA of at least 3.25 on a 4.0 scale, ACT score of 24, and/or teacher approval. WUHS will cover the \$300 tuition fee as long as the student earns the credit for this course.



TECHNOLOGY AND ENGINEERING DEPARTMENT

TAE101 – Woodworking I*

Credits: 0.50

Grades: 9-12

*Course requires additional lab fee

This semester long course is designed to teach students proper use of hand, cordless, portable, and stationary power tools with a strong emphasis on safety. Students will learn how to use layout tools and measure accurately using standard feet and inches. Each student will use these skills and tools to produce a minimum of three projects accurately according to a bill of materials, step by step procedures, and working drawings. Students will benefit from this class by learning many basic woodworking concepts that are used in trades and industrial careers.

TAE103 – Drafting I / AutoCAD

Credits: 0.50

Grades: 9-12

A semester course that introduces the student to drafting fundamentals. Concepts in mechanical drafting include single, multi-view, and isometric drawings. Computer-Aided Drafting (CAD) is incorporated into this beginning drafting class. The main goal of this course is to pursue AutoDesk AutoCAD certification through Certiport.

TAE105 – General Metals*

Credits: 0.50

Grades: 9-10

*Course requires additional lab fee

A semester long course introducing students to metal working and fabrication techniques. Students will study safety, while using hand and machine tools, metallurgy, sheet metal and bench metal fabrication, and fastening techniques.

TAE106 – Power Mechanics*

Credits: 0.50

Grades: 9-12

*Course requires additional lab fee

College Credit: Transcribed/Dual Credit

A semester long course designed to develop an understanding of internal combustion engine systems. Tools, terms, and engine rebuilding techniques will be examined. Students will study engine theory in the classroom, and put that theory into practice in the lab area.

TAE107 – Introduction to Engineering Design (PLTW)

Credits: 1.00

Grades: 9-12

College Credit: Transcribed/Dual Credit

Designed for 9th or 10th grade students, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community. This is the prerequisite for Principles of Engineering (POE). Students can also receive college credit from Gateway Technical College.

TAE202 – Drafting II / AutoCAD

Credits: 0.50

Grades: 9-12

Prerequisites: TAE103

A semester course designed to more extensively develop drafting concepts learned in Drafting I. Drafting II uses AutoDesk Fusion 360 extensively to focus on 2D multi-view drawings, isometric drawing, and 3D modeling. The main goal of this course is to obtain AutoDesk Fusion 360 user certification through Certiport.

TAE204 – Woodworking II*

Credits: 0.50

Grades: 9-12

*Course requires additional lab fee

Prerequisites: TAE101 – Juniors and Seniors are exempt from pre-requisite with instructor approval

This semester long course is designed to introduce advanced woodworking techniques, machinery, and basic design. Woodworking II will reinforce the vocabulary and techniques presented in Woodworking I, using a hands-on experience focusing on building projects while developing craftsmanship. This course allows organized, self-motivated, responsible students to capitalize on the important skills of successful trades people while preparing for more advanced courses of study.

TAE205 – Welding: MIG/TIG

Credits: 0.50

Grades: 10-12

Prerequisites: TAE105_

College Credit: T

A semester long course focusing on the methods and technical welding skills used in the manufacturing and construction trades. Students will study and practice Metal Inert Gas (MIG) and Tungsten Inert Gas (TIG) welding processes and procedures. Print reading and welding set-up procedures will also be a focus of this course.

TAE206 – Machining & Fabrication*

Credits: 0.50

Grades: 10-12

*Course requires additional lab fee

Prerequisites: TAE105

A semester course that focuses on the methods and skills used in the metal machining and fabrication industry. Students will study and practice milling, drilling, turning, and grinding techniques. Equipment set up, print reading and precision measurement will also be the focus of this course.

TAE207 – Principles of Engineering (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: TAE107–with a grade earned of a C or better.

College Credit: Transcribed/Dual Credit

This is the second level in the Project Lead the Way program. The course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Students can also receive college credit from Gateway Technical College.

TAE208 – Welding: Stick/Oxy Fuel

Credits: 0.50

Grades: 10-12

Prerequisites: TAE105

College Credit: Transcribed/Dual Credit

A semester long course focusing on the methods and technical welding skills used in the manufacturing and construction trades. Students will study and practice Shielded Metal Arc Welding (stick), oxyacetylene, and plasma cutting. Print reading and welding set-up procedures will also be a focus of this course.

TAE209 & MTH204 - Geometry in Construction

Credits: 2.00

Grades: 10

Prerequisites: MTH201

Geometry in Construction is an interdisciplinary course that combines Geometry with Construction through the building of a significant construction project. The purpose of the course is to provide students an opportunity to learn Geometry by directly applying the concepts

to a real-world construction project. The students will develop a better understanding of both the Geometry and the Construction content through the combination of the academic and work-world contexts. The Geometry content matches that of the other Geometry courses taught in the Mathematics Department, and prepares students for the subsequent Algebra 2 courses. Students will be exposed to and gain hands-on experience in job site safety and the phases of residential construction. Additional emphasis given to teamwork & problem-solving. Students earn credit for Geometry and Construction in this double-period course co-taught by a Math instructor and a Construction instructor.

TAE300 – Digital Electronics (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: TAE107 – Introduction to Engineering Design (PLTW)

A yearlong course in the study of electronic circuits that are used to process and control digital signals. Digital Electronics is the foundation of all modern electronic devices. This course will expose students to the design process of combination and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation. Students can also receive college credit from Gateway Technical College. Students will work towards the NC3 Snap-On Digital Multimeter certification.

TAE301 – Advanced Drafting / AutoCAD

Credits: 0.50

Grades: 11-12

Prerequisites: TAE202 *This course is only available 2nd semester and to juniors and seniors that have taken Drafting I and II or Introduction to Engineering and Design (PLTW).*

This one semester course is designed for juniors and seniors to apply the skills obtained in Drafting I and II through team design projects. Students will design

solutions to given or discovered problems and create 3D assembly models using Fusion 360. Designs will then be 3D printed and/or CNC machined to further understand part interaction, tolerance, fit, and clearance. Time and complexity permitting, students will then fabricate working prototypes using equipment available in the other Technology and Engineering labs. All designs will require students to create a fully dimensioned complete set of working drawings complying with ANSI drawing standards from which the item could be manufactured.

TAE302 – Architectural Drafting & Design

Credits: 0.50

Grades: 9-12

Prerequisites: TAE103 for 9th and 10th grades

A semester course that introduces students to the use of Autodesk Revit to create architectural drawings for residential and light commercial construction. Students will learn the basic tools that are provided in Revit as well as how to customize Revit for specific architectural applications. The main purpose of this course is to get AutoDesk Revit user certification through Certiport.

TAE303 – Cabinet & Furniture Design & Construction*

Credits: 1.00

Grades: 11-12

*Course requires additional lab fee

Prerequisites: TAE204

This year long course is a practical application of design and construction of modern or contemporary furniture and cabinetwork. This course will reinforce the vocabulary and techniques presented in Woodworking 1 & 2. The course will capitalize on the use of hands on experience with millwork materials and the safe application of advanced woodworking techniques and processes. During the course, each student will research and develop their own projects with an emphasis on developing craftsmanship. This course allows organized, self-motivated, responsible students to

capitalize on the important skills of successful trades people.

TAE304 – Advanced Metals

Credits: 0.50

Grades: 10-12

Prerequisites: TAE205

A semester of practical experiences in the care and use of metal working tools and machines. Emphasis will be placed on the design and production of metal products using machine tools, hand tools, and various forming processes. MIG, TIG, and stick welding processes will also be emphasized. Along with blueprint reading and the development of general shop skills that are needed for a career in the metals and fabrication field.

TAE306 – Building Construction I

Credits: 1.00

Grades: 10-12

Prerequisites: TAE101

This yearlong course is designed to teach students the systems of residential construction. The course will focus on relationship of the foundation, floor, wall, and roof systems. There will be an introduction to estimation and print reading.

TAE401 – Advanced Cabinetmaking/Furniture Design & Construction *

Credits: 1.00

Grades: 11-12

*Course requires additional lab fee

Prerequisite: TAE303- with a grade of C or better in TAE303

This yearlong course allows self-motivated and responsible students to advance their skills in cabinet or furniture design and construction. During the course, each student will individually design and construct their own projects with an emphasis on design and material planning, while focusing on craftsmanship. Students will concentrate on developing advanced techniques in

furniture construction. The course will allow students to continue to develop the skills required to be successful in the trades.

TAE402 – Building Construction II

Credits: 1.00

Grades: 11-12

Prerequisites: TAE306

This year long course is designed to be advanced study of residential construction systems reinforcing the vocabulary and techniques presented in Building Construction I. The class will be a hands-on experience focusing on building projects while meeting client expectations. This course allows organized, self-motivated, responsible students to capitalize on the important skills of successful trades people while preparing for a career in the construction industry.

TAE403 – Automotive Service Fundamentals

Credits: 0.50

Grades: 10-12

Prerequisites: TAE106

College Credit: Transcribed/Dual Credit

A semester long course designed as an introduction to the automotive service technology and light truck repair career path. This class will provide an automotive curriculum that could be used in post-secondary education. This course is geared toward those students that have a desire to continue their education in the automotive field. Automotive theory, diagnostics, troubleshooting, service, and repair will be included in the curriculum of this course. Lab activities will consist of maintenance and service performed by entry-level technicians and will be performed on student and customer supplied vehicles. Students will pursue ASE student certification in maintenance and light repair.

TAE404 – Automotive Electrical & Electronic Systems

Credits: 0.50

Grades: 10-12

Prerequisites: [TAE403](#)

College Credit: Transcribed/Dual Credit

A semester long course designed as a continuation of the automotive service technology and light truck repair career path. This class will provide an automotive curriculum that could be used in post-secondary education. This course is geared toward those students that have a desire to continue their education in the automotive field. The theory of operation and servicing of electrical and electronic systems in automotive applications will be included in the curriculum of this course. Lab activities will consist of electrical testing, repairs, and service performed by entry-level technicians and will be performed on student and customer supplied vehicles. Students will pursue NC3 Snap-On Digital Multimeter certification.

TAE405 – Civil Engineering & Architecture (PLTW)

Credits: 1.00

Grades: 10-12

Prerequisites: [TAE107](#)

Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects. This course is designed for 11th or 12th grade students.

Students can also receive college credit from Gateway Technical College.

TAE406 – Engineering Design & Development (PLTW)

Credits: 1.00

Grades: 11-12

Prerequisites: TAE107 and TAE207

This class mimics the actual practice of engineering, is open ended and offers a framework for integrating several disciplines while maintaining the rigors of scientific inquiry. Like engineers in the real world, teams of students work on a project that synthesizes science, mathematics, technology, economics, management, and communication. Each team applies engineering analysis and experimentation to a real-world problem by designing and constructing a prototype of a unique device. As they move through the design process, they consider not only the scientific and mathematical requirements of the problem, but also the social, economic, environmental and ethical issues. This is the capstone course for the Project Lead the Way Program.



WORLD LANGUAGE DEPARTMENT

WDL101 – Spanish I

Credits: 1.00

Grades: 9-12

A year study of the language through reading, writing, listening and speaking. Emphasis is on vocabulary and the foundational grammatical structures of the language. Students will learn about the culture and history of Spanish speaking countries. The target language is used as much as possible.

WDL102 – German I

Credits: 1.00

Grades: 9-12

A year study of the language through reading, writing, listening and speaking. Emphasis is on vocabulary and the foundational grammatical structures of the language. Students will learn about the culture and history of German speaking countries. The target language is used as much as possible.

WDL201 – Spanish II

Credits: 1.00

Grades: 9-12

Prerequisites: WDL101

A year of study of the language through reading, writing, listening, and speaking. Students will develop survival speaking skills and a good overall knowledge of Spanish life after completing this course. Spanish is spoken by the teacher and students.

WDL202 – German II

Credits: 1.00

Grades: 10-12

Prerequisites: WDL102

A year study of the language through reading, writing, listening, and speaking. Students will develop survival speaking skills and a good overall knowledge of German life after completing this course. German is spoken by the teacher and the students.

WDL301 – Spanish III

Credits: 1.00

Grades: 10-12

Prerequisites: WDL201

A year study of the language through reading, writing, listening, and speaking. Students will use all tenses and begin the subjunctive mood. There will be a study of Spanish culture and history. The class will be almost entirely in Spanish. Completion of this course of study will lead to opportunities at most universities to earn free retroactive credits in Spanish at the University Level.

WDL302 – German III

Credits: 1.00

Grades: 11-12

Prerequisites: WDL202

A year study of the language in which advanced grammar concepts are introduced, reading and writing are emphasized, and communication between teacher and students is in German. Completion of this course of study will lead to opportunities at most universities to earn free retroactive credits in German at the University Level.

WDL401 – Spanish IV Honors

Credits: 1.00

Grades: 11-12

Prerequisites: WDL301

This class offers an intensive study of the Spanish language. Students will further their proficiency by reading novels, writing, listening, and speaking. The year prepares students for the college placement exam. Everyone uses the target language. Completion of this course of study will lead to opportunities at most universities to earn free retroactive credits in Spanish at the University Level. *Honors level applies to the class of 2026 and beyond.

WDL402 – German IV Honors

Credits: 1.00

Grades: 12

Prerequisites: WDL302

A year-long study of the language in which advanced grammatical concepts are reviewed. Reading, writing and listening skills will be improved. The year prepares students for the college placement exam. The target language is emphasized. Completion of this course of study will lead to opportunities at most universities to earn free retroactive credits in German at the University Level. *Honors level applies to the class of 2026 and beyond.

WDL404 – Spanish for Health Care

Credits: 0.50

Grades: 11-12

Prerequisites: 1st semester of WDL301

This semester-long course focuses on preparing students to use the Spanish language in their future health care careers. Students will learn vocabulary to discuss many medical topics including systems of the body, medical procedures, and illnesses. There is a strong emphasis on usage of the language in practical medical situations.

WDL412 – GAPP

Credits: 0.25

Grades: 9-12

This is your chance to visit another country. In order to participate you must start German as a freshman or sophomore. GAPP is an exchange program between students from Wilmot and St. Katarina Gymnasium in Oppenheim, Germany. This is an opportunity to learn about the German culture and people outside of the classroom. By attending monthly meetings before the trip,

students will learn about cultural differences and survival speaking skills that they will then use while in Germany. Three weeks are spent hosting a German student (usually in September and October), and three weeks are spent in Germany (usually in June and July). A culminating project will be finished upon completion of this experience.

WDL500 – Spanish V Honors

Credits: 1.00

Grades: 12

Prerequisites: WDL401

In this year-long course, students will further their communicative competency through a variety of conversational and listening activities. Students will also further develop their reading and writing skills using authentic materials which explore the diversity of the Spanish speaking world. Completion of this course of study will lead to opportunities at most universities to earn free retroactive credits in Spanish at the University Level. *Honors level applies to the class of 2026 and beyond.