



2021-2022

duPont Manual HS

Scheduling



Magnet Programs:

- ☐ High School University
- ☐ Journalism & Communications
- ☐ Math, Science & Technology
- ☐ Visual Arts
- ☐ Youth Performing Arts School

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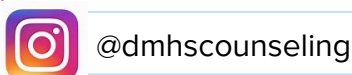
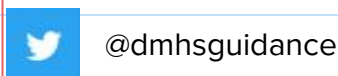
Dear Crimsons,

It's that time of the year again where you have to decide how far do I want to go? The classes you select will begin the journey toward your destiny. Choose to push yourself, test your limits and your abilities by selecting classes based on rigor and relevance. Carefully examine the course offerings listed inside this guide. The courses you decide upon today will prepare you for opportunities for tomorrow. The opportunities available to the Manual/YPAS student are limitless. As always, our counselors will be available to answer any questions or concerns you may have during the process and you can find all the scheduling information on the Counseling Website.



duPont Manual provides a dynamic, interdisciplinary, diverse learning community that focuses on rigorous academic, technical, and artistic college-preparatory magnet programs. duPont Manual, in a cooperative effort among faculty, staff, parents, students and the greater community will: nurture and sustain academic excellence for all students; provide diversified instruction to meet the needs of all learning styles; recognize multiple-giftedness; and educate beyond the classroom walls through foreign/ domestic travel, project-driven research activities, community leadership, career pathways, performance and service.

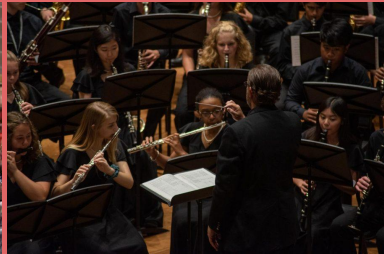
Social Media Communication



Section 1

 Scheduling Instructions

 Graduation Requirements



Scheduling Instructions

Students and their parents must assume the responsibility for providing the school with a schedule designed to meet graduation requirements. Students are responsible for meeting with their counselor and making up requirements previously failed. All students are required to sign up for a full schedule (adjustments will be made during registration for UL courses). Students receive $\frac{1}{2}$ credits for successful completion of a class each semester.

1. Review this Scheduling Guide for your magnet specific four-year plan.
2. Look for the eight (8) courses and (3) alternates for your electives from the [Course Listing 2021-22](#) school year. Please record the course numbers - you will need them to request the courses in your student portal.
3. Add your (8) courses and (3) alternate course selections in your student portal - [for directions click here](#). Make sure you enter your alternate selections in order on your student portal by preference.



Adding Course Requests on the Student Portal

Entering Student Requests via Campus Portal

Student Directions for registering for courses

All student requests are entered as Requests or Alternates. Requests should be entered in the order of preference and will be handled by the school prior to Alternates. Requests can be switched to Alternates at any time and Alternates can be switched to Requests at any time. Students may not remove "Required" requests.

1. Log into the **Campus Portal**.
2. Click on **More** under your name on the left panel.
3. Click **Course Registration**.
4. Under **Course Registration Enrollments**, select the enrollment for the upcoming school year. →
5. To begin adding course requests, click the [blue] **Add Course** button. (See sample below)

COURSE NAME
ENGLISH2 ADV 42320191
ADVANCED GEOMETRY 42720291
MODERN WORLD HISTORY 42220111
CHEMISTRY 1 (ADV) 44230391
CHORUS2 48322711

Add Course Print

< Back

Course Registration Enrollments

20-21 Louisville High School

6. Type in either the course number or course name.
7. Click the [blue] plus symbol to add the course.
8. When the "Add Course" box displays, select *Request*, *Alternate* or *Cancel*. Remember Alternates get filled after all master schedule requests and electives have been filled or considered.

Add Course ✕

Would you like to add this course as a Request or an Alternate?

YEARBOOK PRODUCTION
42320711

ACTION	COURSE NAME
+	ENGLISH2 42320111
×	ENGLISH2 ADV 42320191
+	YEARBOOK PRODUCTION 42320711

Request Alternate Cancel

9. Repeat Steps 5-8 to add additional requests.

Grad Requirements - Class of 2022

English English, I, II, III, IV. English must be take each year of high school.	4
Mathematics Algebra 1, Geometry and Algebra 2. A math course or equivalent will be taken each year of high school and students must successfully complete the math credit taken in 12th grade.	3
Science Biology, Chemistry and Physics	3
Social Studies World History, U.S. History and one of the following: Geography, Economics, Government or African American History.	3
Health/Physical Education Students can also fulfill their PE requirement by taking Fundamentals of Dance at YPAS.	1
History & Appreciation of Visual & Performing Arts (HAVPA) Students can fulfill this requirement by completing HAVPA course, Spanish Humanities, AP Art History, 3-VA courses or 3-YPAS courses in one concentration area.	1
Electives: -Academic/Career/Magnet courses -World Language (2 credits are recommended)	7
Other Requirements: -Complete an Individual Learning Plan -Civics Test -Demonstrated Performance-based competency in (JCPS Backpack of Success)	



Grad Requirements - Class of 2023-2025

English English, I, II, III, IV. English must be take each year of high school.	4
Mathematics Algebra 1, Geometry and Algebra 2. A math course or equivalent will be taken each year of high school and students must successfully complete the math credit taken in 12th grade.	4
Science Biology, Chemistry and Physics	3
Social Studies World History, U.S. History and one of the following: Geography, Economics, Government or African American History.	3
Health/Physical Education Students can also fulfill their PE requirement by taking Fundamentals of Dance at YPAS.	1
History & Appreciation of Visual & Performing Arts (HAVPA) Students can fulfill this requirement by completing HAVPA course, Spanish Humanities, AP Art History, 3-VA courses or 3-YPAS courses in one concentration area.	1
Electives: -Academic/Career/Magnet courses -World Language (2 credits are recommended)	6
Other Requirements: -Complete an Individual Learning Plan -Financial Literacy Competency (embedded in curriculum) -Civics Test -Demonstrated Performance-based competency in technology (JCPS Backpack of Success)	

Course Level Descriptions

Comprehensive	Comprehensive is designed for students wanting to earn a basic high school diploma.
Honors Program (HNR)	These are challenging, college preparatory courses designed for the college-bound student.
Advance Program (ADV)	This program is designed to provide accelerated instruction for academically gifted and talented students. The Mathematics, Science & Technology (MST) courses provide accelerated instruction.
Advanced Placement (AP)	The advanced placement courses provide the most rigorous curriculum at duPont Manual High School. AP Courses are developed and sanctioned by the College Board.
Dual Credit	In dual credit courses, a student receives both high school and college credit at the same time.

JCPS Advance Program

For those students who qualify through the JCPS the Advance Program offers the opportunity to follow a stimulating curriculum designed for the academically gifted. A minimum of 12 credits must be earned in Advance Program classes in at least three of the following areas: English, Math, Science, Social Studies, and World Language. Advance Program Humanities is also required for the Advance Program. Advanced Placement classes also satisfy the requirement. A cumulative GPA of 3.0 (B) is required to remain in the program. Students need to take 3-years of the same World Language or two years of two different World Languages. Note: A total of 12 Advance Program/Advanced Placement credits are required.

Advanced Placement



CollegeBoard

AP[®]

The College Board website outlines all of the AP course details, which is found linked below. Manual's AP courses are listed with (typical grade level). ([Example of UL's Advanced Placement Credit](#))

<u>Art History</u> (12)	<u>Computer Science A</u> (11 & 12)	<u>Human Geography</u> (9)	<u>Spanish Language</u> (12)
<u>Biology</u> (11 & 12)	<u>Computer Science Principles</u> (9)	<u>Latin Language</u> (12)	<u>Statistics</u> (10-12)
<u>Calculus AB</u> (11 & 12)	<u>English Lang & Comp.</u> (11)	<u>Macro-Economics</u> (10 - 12)	<u>Studio Art 2-D</u> (12)
<u>Calculus BC</u> (11 & 12)	<u>Environmental Science</u> (11 & 12)	<u>Micro-Economics</u> (11 & 12)	<u>Studio Art 3-D</u> (12)
<u>Capstone: Research</u> (11 & 12)	<u>French Language</u> (12)	<u>Music Theory</u> (11 & 12)	<u>Studio Art Drawing</u> (11)
<u>Capstone: Seminar</u> (10)	<u>Comp. Gov & Pol.</u> (12)	<u>Physics 1</u> (11 & 12)	<u>U.S. History</u> (11)
<u>Chemistry</u> (11 & 12)	<u>U.S. Gov & Po</u> (11 & 12)l	<u>Psychology</u> (11 & 12)	<u>World History</u> (10)



CollegeBoard

AP

Sign In

Search



Your AP scores could earn you college credit or advanced placement (meaning you could skip certain courses in college). Use this tool to find colleges that offer credit or placement for AP scores.

AP Students

Home Getting Started Courses & Exams Taking Exams Scores Credit & Placement

AP Credit Policy Search

Your AP scores could earn you college credit or advanced placement (meaning you could skip certain courses in college). Use this tool to find colleges that offer credit or placement for AP scores.

Search by Course

Accepted AP Course

--Select Course--

Find Your College

Career & Technical Education (CTE)

CTE is an essential component of the high school curriculum, which meets the needs of student in academic achievement, career exploration, career preparation, and leadership development. (Course Descriptions are linked). Student can earn a certification if they complete their pathway which looks favorable when applying to colleges or for internships.

Biomedical Sciences

- Biomedical Sciences
- Human -Body Systems
- Medical Interventions
- Biomedical -Innovation

Engineering

- Engineering I
- Engineering II
- Mechanical Engineering
- Engineering Capstone or Engineering Co-op
- AP Comp Science A or AP Comp Science Principles

Computer Science

- AP Computer Science Principles
- JAVA Programming
- AP Computer Science JAVA
- Cyber Science and/or Inf. Tech Internship
- Programming Project Based

Fashion & Interior Design

- FAC Essentials (Life Skills)
- Fashion & Interior Design 1
- Fashion & Interior 2
- Fashion & Interior Design 3

Computer Programming Blended Hybrid

- JAVA Programming
- AP Computer Science Principles
- Web Page Development
- AP Computer Science A
- Inf. Technology Intern./Program Project Based

Food Sciences

- Food & Nutrition or FACS Essentials
- Nutritional Food Sciences
- Advanced Foods and Nutrition
- Culinary Arts, Tourism



Consumer & Family Services

- FACS Essential (Life Skills)
- Relationships & Parenting
- Food & Nutrition
- Money Skills/Mid-Life Span
- AP Psychology

Dual Enrollment Programs with UL - [click here](#)

Manual students are able to take classes at the University of Louisville through our two high school visitor programs: Crimson Scholars and Louisville Academy. The opportunities allows students to earn college credit while in high school. Benefits of the programs are to:

- Develop a college transcript while in high school,
- Experience college curriculum and instructional methods,
- Shorten the amount of time required to complete a college degree,
- Save money by paying less per credit hour than a regular UL student,
- Offer high school students the amenities of a UL college student: free

TARC access, free access to UL libraries, and free access to our brand new student recreation center.

Note: Students must have an official ACT score.

Crimson Scholars Program

The Crimson Scholar students are enrolled in one UL course of their choice and will be able to receive college credit. These courses will not be placed on their high school transcript; therefore, they can take a non-graduation requirement course as an alternative for a Manual elective. Students will be required to pay tuition (at a reduced fee).

Louisville Academy Program

Students must apply for this program. These students spend 1/2 day at Manual and 1/2 day at the University of Louisville. Students enroll in UL courses that can count for their high school graduation requirements, and the courses will be reflected on their transcript. Students will be required to pay tuition (at a reduced fee).

A list of courses our students have taken at UL through these programs:

- ENGL 101 & 102 (College Writing)
- COMM 111 (Public Speaking)
- MATH 109 Elementary Statistics
- MATH 111 College Algebra
- MATH 205 Calculus
- BIOL 102 (Intro. to Biology)
- CHEM 101 (Intro. to Chemistry)
- PHYS 107 (Elem. Astronomy)
- HUM 152 (Cultures of America)
- ECON 201 & 202 (Micro & Macroeconomics)
- POLS 201 (Amer. Gov & Pol)
- PSYC 201 (Intro to Psychology)
- HIST 211 & 212 (Amer. History I& II)



Grading System

Grade	Standard Score		Grade	College Scale*	
A	90-100%	4	A	90-100%	5.0
B	80-89%	3	B	80-89%	3.75
C	70-79%	2	C	70-79%	2.50
D	60-69%	1	D	60-69%	1.25
U	Below 60%	0	U	Below 60%	0

A GPA includes grades earned in all high school courses. GPAs are derived from quality points that are assigned to letter grades as listed below.

*Weighted Grades: College Credit and Equivalent Courses, such as AP and Dual Credit will be weighted on a sliding 5.0 scale. Any student earning a weighted cumulative high school GPA of 4.0 or greater qualifies for valedictorian. A six-week Progress Report and a twelve-week Progress Report are shown on Parent Portal. A final semester grade is a cumulative report of student progress for the half credit earned during the semester.

Transcript

Your **official transcript** reflects the following: list of classes taken; credits earned (semester grades); grade point average (GPA - Unweighted and Weighted); and level of courses. Students should review their transcript before scheduling to help them make good decisions when planning for next school year. Students should consider other activities when choosing courses to create a life/school balance.

JEFFERSON COUNTY PUBLIC SCHOOLS
CERTIFIED CREDIT SHEET
Date Run: 3/1/2021 5:11:04 PM
Dupont Manual High
120 West Lee Street
Louisville, KY 40208
(502)485-8241

Grade Level: 12										GPA: Weighted 3.728	
										GPA: Standard Unweighted 3.643	
										Credits Earned: 28.00	
										Credits Required: 22.00	
Subject	Grade	Credit	Subject	Grade	Credit	Subject	Grade	Credit	Subject	Grade	Credit
Dupont Manual High			Dupont Manual High			Dupont Manual High			Dupont Manual High		
Gr 09 Term 3	2016-2017		Gr 10 Term 3	2017-2018		Gr 11 Term 3	2018-2019		Gr 12 Term 3	2019-2020	
HUMAN GEOGRAPHY AP	A	0.50	EURO HISTORY AP	B	0.50	US HISTORY AP	B	0.50	ENGLISH4 ADV	A	0.50
ENGLISH1 HNR	A	0.50	ENGLISH2 ADV	B	0.50	ENGLISH3 ADV	A	0.50	SPANISH5 HNR	A	0.50
SPANISH2 ADV	A	0.50	SPANISH3 ADV	B	0.50	SPANISH4 ADV	A	0.50	HONORS PRE-CALCULUS	A	0.50
ALGEBRA1	A	0.50	HONORS GEOMETRY	B	0.50	ALGEBRA2 (HNR)	A	0.50	ANATOMY/PHYS ADV	A	0.50
INTEG SCIENCE 1A (HNR)	C	0.50	BIOLOGY 1 (ADV)	A	0.50	CHEMISTRY 1 (ADV)	B	0.50	RELATIONSHIPS	A	0.50
FOODS & NUTRITION	A	0.50	WEB PAGE DEVELOPMENT	A	0.50	ADV FOODS & NUTRITION	A	0.50	HAIR SURVEY ADV	A	0.50
HEALTH EDUCATION I	A	0.50	FOUND OF SPORT & EXERCISE A	0.50	FITNESS CONDITIONING	A	0.50	ADVANCE PHYSICAL	A	0.50	
	Total Term 3 Credits:	3.50		Total Term 3 Credits:	3.50		Total Term 3 Credits:	3.50		Total Term 3 Credits:	3.50
Dupont Manual High			Dupont Manual High			Dupont Manual High			Dupont Manual High		
Gr 09 Term 6	2016-2017		Gr 10 Term 6	2017-2018		Gr 11 Term 6	2018-2019		Gr 12 Term 6	2019-2020	
HUMAN GEOGRAPHY AP	B	0.50	EURO HISTORY AP	B	0.50	US HISTORY AP	A	0.50	ENGLISH4 ADV	A	0.50
ENGLISH1 HNR	B	0.50	ENGLISH2 ADV	A	0.50	ENGLISH3 ADV	A	0.50	HONORS PRE-CALCULUS	A	0.50
SPANISH2 ADV	B	0.50	SPANISH3 ADV	B	0.50	SPANISH4 ADV	B	0.50	ANATOMY/PHYS ADV	A	0.50
ALGEBRA1	A	0.50	HONORS GEOMETRY	B	0.50	ALGEBRA2 (HNR)	A	0.50	PARENTING	A	0.50
INTEG SCIENCE 1A (HNR)	A	0.50	BIOLOGY 1 (ADV)	A	0.50	CHEMISTRY 1 (ADV)	B	0.50	HAIR SURVEY ADV	A	0.50
FOODS & NUTRITION	A	0.50	WEB PAGE DEVELOPMENT	A	0.50	ADV FOODS & NUTRITION	A	0.50	ADVANCE PHYSICAL	A	0.50
PHYSICAL EDUCATION I	A	0.50	FOUND OF SPORT & EXERCISE A	0.50	FITNESS CONDITIONING	A	0.50	EDUCATION	A	0.50	
	Total Term 6 Credits:	3.50		Total Term 6 Credits:	3.50		Total Term 6 Credits:	3.50		Total Term 6 Credits:	3.50

High school students are given the opportunity to receive ESS, as an intervention strategy throughout the year if students are attempting and failing a course that is needed for graduation. The intent of ESS instruction is to collaborate with the teacher and subject area goals of the regular classroom in which the student is having difficulty.

The MAC was a combination of efforts from multiple teachers and administrators. There are many opportunities for students to visit the MAC, including during their Study Skills block to receive tutoring in any subject area.

Computers are available for research and additional school work.
The lab helps reinforce positive learning habits.

JCPS eSchool (credit recovery/initial credit); Study Island and Edmentum (content support/credit recovery) lab.

Study Skills Handbook

[\(click here\)](#)



Study Skills and Homework
Organization and Time Management
Test Preparation
Test Taking Strategies

Section 2



Core Curriculum

(Listed under Typical Grade Level)

- English
- Mathematics
- Science
- Social Studies
- World Language



English ([Course Descriptions - click here](#))

9th Grade Options:

- ☐ English 1
- ☐ HNR English 1
- ☐ ADV English 1

10th Grade Options:

- ☐ HNR English 2
- ☐ ADV English 2
- ☐ AP Seminar

11th Grade Options:

- ☐ HNR English 3
- ☐ ADV English 3
- ☐ ADV English 3 (Focus: African-American/Women Lit)
- ☐ AP English Language & Comp
- ☐ AP English Literature

12th Grade Options:

- ☐ HNR English 4
- ☐ ADV English 4
- ☐ ENGL 101 (Dual Credit with UL)
- ☐ ENGL 102 (Dual Credit with UL)
- ☐ AP English Literature

Mathematics ([Course Descriptions - click here](#))

9th Grade Options:

- ☐ Algebra 1
- ☐ HNR Algebra 1
- ☐ Geometry
- ☐ HNR Geometry
- ☐ ADV Geometry
- ☐ ADV Algebra 2 (only for students that have completed high school Geometry credit)

10th Grade Options:

- ☐ Geometry
- ☐ HNR Geometry
- ☐ ADV Geometry
- ☐ Algebra 2
- ☐ HNR Algebra 2
- ☐ ADV Algebra 2

11th Grade Options:

- ☐ Algebra 2
- ☐ HNR Algebra 2
- ☐ ADV Algebra 2
- ☐ HNR Precalculus
- ☐ ADV Precalculus

12th Grade Options:

- ☐ Algebra 3 (College Algebra)
- ☐ HNR Precalculus
- ☐ ADV Precalculus
- ☐ HNR Calculus
- ☐ AP Calculus AB
- ☐ AP Calculus BC
- ☐ Statistics & Probability
- ☐ AP Statistics
- ☐ MST Discrete Mathematics

Note: MST Math is listed for the MST students on their 4-Year Magnet Plan.

Science ([Course Descriptions - click here](#))

9th Grade Options:

- ☐ HNR Physics (freshmen only)
- ☐ ADV Biology

10th Grade Options:

- ☐ HNR Biology
- ☐ HNR Chemistry
- ☐ ADV Chemistry

11th Grade Options:

- ☐ HNR Chemistry
- ☐ ADV Chemistry
- ☐ HNR Physics (juniors & seniors only)

Science Elective Options:

- ☐ Principles of Biomedical/Human Body Systems
- ☐ Medical Interventions/Biomedical Innovations
- ☐ Engineering I
- ☐ Engineering II
- ☐ Mechanical Engineering
- ☐ AP Biology
- ☐ AP Chemistry
- ☐ AP Physics 1 - Algebra-Based
- ☐ ADV Anatomy
- ☐ AP Environmental Science

Note: MST Science is listed for the MST students on their 4-Year Magnet Plan.

Social Studies ([Course Descriptions - click here](#))

9th Grade Options: (Students can wait and take their social studies credit in the 12th Grade Year.)

- ☐ HNR Geography
- ☐ ADV Geography
- ☐ AP Human Geography

10th Grade Options:

- ☐ HNR World History
- ☐ ADV World History
- ☐ AP World History

11th Grade Options:

- ☐ HNR United States History
- ☐ ADV United States History
- ☐ AP United States History

12th Grade Options: (These options are for students who did not take Geography in the 9th grade year and need their third social studies credit, or could be used for a fourth social studies course.)

- ☐ Political Science
- ☐ AP Comparative Government & Politics
- ☐ AP U.S. Government & Politics
- ☐ Economics
- ☐ AP Macroeconomics (one full year)
- ☐ AP Microeconomics (one full year)
- ☐ AP Macroeconomics/AP Microeconomics (both in one yr)
- ☐ Developing Black Historical Conscious

Social Studies Elective Options:

- ☐ Sociology
- ☐ Financial Literacy
- ☐ HNR Psychology
- ☐ AP Psychology
- ☐ The Holocaust

World Language ([Course Descriptions - click here](#))

9th Grade Options:

- ☐ HNR French 1
- ☐ ADV French 1
- ☐ ADV Latin 1
- ☐ HNR Spanish 1
- ☐ ADV Spanish 1

10th Grade Options:

- ☐ HNR French 2
- ☐ ADV French 2
- ☐ ADV Latin 2
- ☐ HNR Spanish 2
- ☐ ADV Spanish 2

11th Grade Options:

- ☐ HNR French 3
- ☐ ADV French 3
- ☐ ADV Latin 3
- ☐ HNR Spanish 3
- ☐ ADV Spanish 3
- ☐ SPA 111/112 (Dual Credit ADV Spanish 3 Level with Campbellsville University)

12th Grade Options:

- ☐ HNR French 4
- ☐ AP French Language
- ☐ ADV Latin 4
- ☐ AP Latin
- ☐ HNR Spanish 4
- ☐ ADV Spanish 4
- ☐ AP Spanish Language
- ☐ HNR Spanish 5 (Conversational Spanish)

Section 3

Magnet Programs

(Click on Your Magnet Below)

- ☐ [High School University](#)
- ☐ [Journalism & Communication](#)
- ☐ [Math, Science & Technology](#)
- ☐ [Visual Arts](#)
- ☐ [YPAS - Dance](#)
- ☐ [YPAS - Design & Production](#)
- ☐ [YPAS - Guitar](#)
- ☐ [YPAS - Instrumental Music - Band](#)
- ☐ [YPAS - Instrumental Music - Orchestra](#)
- ☐ [YPAS - Musical Theatre](#)
- ☐ [YPAS - Piano](#)
- ☐ [YPAS - Theatre](#)
- ☐ [YPAS - Vocal Music](#)

High School University

The High School University (HSU) Magnet Program will provide a rigorous liberal arts centered experience, which will allow students to explore various disciplines. The HSU program is designed to provide a strong preparatory curriculum for academically talented students.



9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography
- ✓ World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **HSU 101 (Magnet Course)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ Elective
- ✓ Elective
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ Elective
- ✓ Elective
- ✓ Study Skills

High School University

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ HAVPA: ADV HAVPA, AP Art History, or Spanish Humanities
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

1. Complete 4 courses in a declared major. HSU students are encouraged to consider their future university studies. Students will complete the HSU Career Major Planning Form during scheduling.
2. Students must complete a minimum of three Advanced Placement (AP) and/or Dual Credit courses; or complete three courses in one of the Career Pathways.
3. Students must complete at least three credits in one language other than English.
4. It is highly recommended that HSU students meet the following criteria:
 - Take four courses in each core area (math and English require four years, but students should also consider four courses in science and social studies)
 - Complete a technology course
 - Maximize their opportunities to take Advanced Placement and Dual Credit courses.

Declaring a Major - HSU Career Major Form

HSU students declare a major in the Spring of their sophomore year. Each HSU student must complete four courses within their declared major before they graduate. We encourage students to choose a major that aligns with their academic experiences at Manual. Students can request to design their own major.

Journalism & Communication



The Journalism & Communication (J&C) Magnet is a unique, award-winning program for students interested in journalism, broadcasting, photography, graphic design, public relations, and advertising. Students sometimes pursue careers in media, education, business, politics, law, and other areas in which communication plays a vital role. This nationally award-winning four-year program allows students to take intensive journalism electives along with the traditional rigorous course content that Manual offers.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~or~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Journalism 1 (Magnet Course)**
- ✓ **Mass Media Studies (Magnet Course)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Journalism 2 (Magnet Course)**
- ✓ **J&C (Magnet Elective)**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **J&C (Magnet Elective)**
- ✓ **J&C (Magnet Elective)**
- ✓ Study Skills

J&C (Course Descriptions - click here)

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ HAVPA: ADV HAVPA, AP Art History, or Spanish Humanities
- ✓ **J&C Elective**
- ✓ **J&C Elective**
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

J&C Electives: (Click on Course Descriptions to see prerequisites and availability)

- ☐ Broadcast Journalism 1 (CSPN-TV)
- ☐ Broadcast Journalism 2 (CSPN-TV)
- ☐ Multimedia Publishing (Audio & Video Storytelling)
- ☐ Advanced Multimedia Publishing (Manual RedEye)
- ☐ Journalism 3 (On the Record)
- ☐ Oral Communication/Debate
- ☐ Photojournalism
- ☐ Yearbook Production (The Crimson)
- ☐ Journalism 4 (Editorial Leadership)
- ☐ Creative Writing (One Blue Wall)
- ☐ Film Study
- ☐ Video Studio Fundamentals (Z-Media)
- ☐ Graphic Communication (Advanced Graphic Design & Illustration)
- ☐ Design for the Digital World (Motion Graphics & Interactive Design)
- ☐ ENG 202 UL Creative Writing
- ☐ Great Books

Math, Science & Technology



Mathematics, Science, and Technology (MST) follows a research-based curriculum for gifted students. The MST Program is designed to provide a rigorous curriculum that prepares students to be successful in any academic program (especially engineering, science, or math) at any college in the country. Academic rigor and research is expected of all students through the use of challenging homework, projects, classwork, and extra-curricular activities that will develop good problem-solving and critical thinking skills. MST students will complete college-level research, mentored by university scientists and engineers.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ **MST Geometry/MST Algebra 2**
- ✓ **MST Physics**
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography
- ✓ World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **AP Computer Science Principles**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ **MST Algebra 2/MST Trigonometry**
- ✓ **MST Chemistry**
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **JAVA Programming**
- ✓ Elective
- ✓ Study Skills

11th Grade

- ✓ **English:** HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ **MST Precalculus**
- ✓ **MST Biology**
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ Elective
- ✓ Elective
- ✓ Study Skills

MST (Course Descriptions - click here)

12th Grade

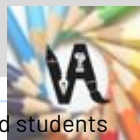
- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ **AP Calculus BC**
- ✓ **AP Physics 1 - Algebra Based**
- ✓ HAVPA: ADV HAVPA, AP Art History, or Spanish Humanities
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

All MST students will complete a minimum of 4 years of each of science and advanced math (labeled in bold on the 4-year plan).

- ❑ They will also complete a minimum of 2 years of computer science (labeled in bold on the 4-year plan).
- ❑ AP Statistics, AP Environmental Science, AP Chemistry, and AP Biology are electives.
- ❑ MST technology classes include: AP Computer Science Principles, JAVA Programming, Web Page Development, AP Computer Science, and Cyber Science.
- ❑ No MST student will be allowed to transfer to a lower level science class unless they receive a D or less in the class. Upon admission to an AP science class students will remain in the class the entire year unless students are receiving a D or less and then only with the instructor's approval.
- ❑ MST Research Component: Science, mathematics or technology research is the focus of the MST program. All students are required to complete a research project in one of the three areas during freshman, sophomore, and junior years. During freshman year, the grade for the research will be part of the overall grade for the course. During the sophomore and junior year, students will receive a half credit for the research each year and the grades will be separate from any science courses.
- ❑ All MST students are expected to participate in a regional science fair or comparable science competition in the school year when the student completes their science fair component.

Visual Arts Magnet



The Visual Arts (VA) Magnet is a unique program that provides artistically talented students with the opportunity to work in an exhibition gallery and in nine professionally equipped studio areas. Facilities for design, drawing/painting, computer graphics, ceramics/sculpture, textiles, photography, drafting, and printmaking provide an excellent and diverse environment for outstanding experiences and instruction. Students experience visiting artists, teacher mentoring, and community internships.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~or~ World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Basic Design (Magnet Course)**
- ✓ **Drawing/Painting 1 (Magnet Course)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Ceramics & Sculpture**
- ✓ **Drawing & Painting II (Magnet Course)**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Studio Art 3 (Textiles & Printmaking - Magnet Course)**
- ✓ **Drawing 3 or AP Studio Art Drawing (Magnet Course)**
- ✓ Study Skills

VA ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Painting 3 or AP Studio 2-D Design (Magnet Course)**
- ✓ **Textiles 2, Printmaking 2, or AP Studio 3-D Design (Magnet Course)**
- ✓ **VA Elective (Magnet Course)**
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-Senior VA Required Elective Choices: (Click here for course descriptions)

- Textiles 2
- Printmaking 2
- AP 3-D Design
- Photography 1
- Photography 2
- Computer Art/Graphic Design
- AP Art History
- 3-D Art



The courses listed below are required for a student to complete the YPAS Dance Magnet Program. Each student should complete a four-year plan. Electives may be chosen from a wide range of possible course offerings and are not limited to those listed in this document.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
- World Language: Spanish, French, or Latin 1
- ✓ Health Education/Study Skills
- ✓ **Ballet 1**
- ✓ **Modern Jazz 1**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Ballet 2**
- ✓ **Modern Jazz 2**
- ✓ **Dance Ensemble 1 (Required for all sophomores)**

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Ballet 3**
- ✓ **Modern Jazz 3**
- ✓ **Elective: Dance Ensemble 2** (Performance Track) or Study Skills**

YPAS (Course Descriptions - click here)

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Ballet 4**
- ✓ **Modern Jazz 4**
- ✓ **Elective: Dance Ensemble 3 ** (Performance Track)**
- ✓ Elective*
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-Website for all YPAS Dance Department Information can be found at the following: <http://www.ypasdance.com/>. Dance Department Handbook is available online.

** Dance Ensemble is required for students starting in the sophomore year. Students and parents are encouraged to consult with teachers in the dance department to explore the options available in the Dance Performance Track and the Dance Major Track. There will be a re-evaluation process at the end of each school year to determine placement and appropriate tracks that match individual student abilities and interests. Scheduling for the Dance Ensemble is by audition only and occurs during the freshman year.

YPAS - Design & Production



The Courses listed below are required for a student to complete the YPAS Design & Production (D&P) Magnet Program. Each student should complete a four-year plan. Electives may be chosen from a wide range of possible course offerings and are not limited to those listed in this document.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Design & Production 1 and Stagecraft 1 (after school lab)**
- ✓ **Design & Production 1 and Stagecraft 1 (after school lab)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Design & Production 2 and Stagecraft 2 (after school lab)**
- ✓ **Design & Production 2 and Stagecraft 2 (after school lab)**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Design & Production 3 and Stagecraft 3 (after school lab)**
- ✓ **Design & Production 3 and Stagecraft 3 (after school lab)**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Design & Production 4 and Stagecraft 4 (after school lab)**
- ✓ **Design & Production 4 and Stagecraft 4 (after school lab)**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-The Department of Design and Production is one of the most unique aspects of the Youth Performing Arts School. In the entire nation, only a very small number of performing arts schools offer a major in this field. Most students cannot obtain formal technical theatre training until college. The Department of Design and Production provides both traditional classroom instruction and "hands-on" experience in all of the areas of technical theatre - Scenery, Costumes, and Lighting/Sound. All students receive training in all of these areas; students are not allowed to specialize in one specific production area.

YPAS - Guitar



The Youth Performing Arts School (YPAS) in Louisville, KY is one of the largest arts magnet schools in the nation, with a history and tradition as storied as the nation's largest Victorian neighborhood in which it is situated. Launched in 2016, the YPAS Guitar Major is the school's latest offering and the first college preparatory magnet program of its kind in the state of Kentucky. Directed by Michael Kagan, a passionate educator, performer, and advocate for the classical guitar, his program regularly hosts international artists and explores inspired collaborations among other YPAS departments and the Louisville community at large.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Applied Guitar 1**
- ✓ **Guitar Technique and Repertoire Development 1**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Applied Guitar 2**
- ✓ **Guitar Technique and Repertoire Development 2**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Applied Guitar 3**
- ✓ **Guitar Technique and Repertoire Development 3**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Applied Guitar 4**
- ✓ **Guitar Technique and Repertoire Development 4**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-Students that have three years of guitar have acquired a Specialization in the Performing Arts. Students that have earned this specialization may use this in lieu of taking a Humanities course their senior year.

- Guitar majors are highly encouraged to take Fundamentals of Dance/Health their freshman year and follow the elective schema listed above during their junior year as electives become available in their schedules.

YPAS - Instrumental Music - Band



The faculty and staff of the YPAS Band Department know that music has the power to nurture, console, replenish, and inspire the spirit - all while affirming our humanity. It is our conviction that music education is a basic and necessary component of a well-balanced educational program.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~ World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Intermediate Band, Percussion Ensemble (percussion)**
- ✓ **Symphonic Band 1, Wind Ensemble 1 (director approval)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Symphonic Band 2, Percussion Ensemble 2**
- ✓ **Wind Ensemble 2, Chamber Ensemble 2, Percussion Ensemble 2**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Symphonic Band 3, Percussion Ensemble 3**
- ✓ **Wind Ensemble 3, Chamber Ensemble 3, Percussion Ensemble 3**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Symphonic Band 4, Percussion Ensemble 4 (percussion only), Chamber Ensemble 4**
- ✓ **Wind Ensemble 4, Percussion Ensemble 4 (percussion only)**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-Placement in the Wind Ensemble must be approved by the band director. For percussion majors, the appropriate band ensemble will be determined by the band director. All band majors are required to complete one year of Chamber Ensemble (addition to required band courses).

YPAS - Instrumental Music - Orchestra

The YPAS Orchestra Department consists of four major performing groups. Also, selected students in the department often participate in the Pit Orchestra for school musicals. Students who are selected to be in the YPAS Philharmonia have the opportunity to grow and perform in one of the finest high school orchestras in the nation, as recognized by leaders in the field.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Philharmonia Prep 1 (String Techniques)**
- ✓ **Philharmonia Orchestra 1 (YPAS PhilHarmonia), or Orchestra Strings 1 ADV (Manual Concert Orchestra)**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Philharmonic Strings 2 (Chamber Strings)**
- ✓ **Philharmonia Orchestra 2 (YPAS PhilHarmonia), or Orchestra Strings 2 ADV (Manual Concert Orchestra)**
- ✓ Study Skills



11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Philharmonia Strings 3 (Chamber Strings)**
- ✓ **Philharmonia Orchestra 3 (YPAS PhilHarmonia), or Orchestra Strings 3 ADV (Manual Concert Orchestra)**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Philharmonia Strings 4 (Chamber Strings)**
- ✓ **Philharmonia Orchestra 4 (YPAS PhilHarmonia), or Orchestra Strings 4 ADV (Manual Concert Orchestra)**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

--9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

-Depending on the level of technical and musical maturity, students may be placed in the Manual Concert Orchestra instead of YPAS Philharmonia Orchestra. Placement is determined by the Orchestra Director.

YPAS - Musical Theatre Magnet



The Musical Theatre Department of the Youth Performing Arts High School of Louisville, Kentucky is a comprehensive four year integrated program wherein a student studies Singing, Acting and Dance (Ballet, Jazz, Tap, Theatre & World Dance).

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health Education/Study Skills
- ✓ **Fundamentals of Dance for MT Majors**
- ✓ **Vocal Development for MT Majors**
- ✓ **Exploring Theatre for MT Majors**

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Music Theatre Lab**
- ✓ **Advanced Dance Techniques 1**
- ✓ **Concert Choir 2, Chamber Choir 2, Men's/Ladies Ensemble 2 (audition)**

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History ~or~
World Language : Spanish, French, or Latin 3
- ✓ **American Musical Theatre 3 (Voice and Music Theory)**
- ✓ **American Musical Theatre 3 (Intermediate Acting)**
- ✓ **ADV Dance Techniques for MT Majors (Level 3)**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ U. S. History or Elective if taken in the junior year
- ✓ **American Musical Theatre 4 (Advanced Acting)**
- ✓ **American Musical Theatre 4 (Voice and Music Theory)**
- ✓ **Either Concert Choir 4, Chamber Choir 4, Men's/Ladies Ensemble 4 (audition), possibility of no vocal, depending on faculty recommendation or ADV Dance Technique for MT Majors (Level 4)**
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-The Musical Theatre Major is an extremely demanding curriculum, both physically and academically. During their four years the Musical Theatre Majors have the advantage of studying with many of the master teachers in the departments of Theatre, Dance and Vocal Music.

-The curriculum is designed to provide the young artist the all round training they will need to gain entry into the top level Musical Theatre training programs in Colleges, Universities or Conservatories.

—9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.



The YPAS Applied Piano curriculum is modeled after traditional college course requirements for Piano majors. Students are assigned a standard solo repertoire from the Baroque, Classical, Romantic, Impressionist, and Modern Eras. Keyboard theory and technique are studied through scale and arpeggio practice, chord progressions, and various études.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Applied Piano 1**
- ✓ **Applied Piano 2**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Applied Piano 1**
- ✓ **Applied Piano 2**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Applied Piano 3**
- ✓ **Applied Piano 4**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Applied Piano 3**
- ✓ **Applied Piano 4**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-Performance classes are held throughout each semester, and students perform two evening recital programs each school year. In addition to these keyboard requirements, students complete four units of the study of piano literature, including the development of the piano, period composers and their works, and the evolution of various forms of music.

-Piano in the Chamber Ensemble" focuses on collaborative piano and is not only highly recommended, but may be substituted for a student's 2nd piano course. Intermediate Piano and Applied Piano are also offered to non-piano majors who wish to take part in the YPAS piano curriculum as an elective.

-Piano majors are highly encouraged to add Music Theory 1 and/or Advanced Placement Music Theory as electives during their junior and senior years.

-9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.



The goal of the Theatre Department at YPAS is to develop a quality product through an emphasis on the artistic process. The course of study furthers the disciplines of the theatrical arts and includes instruction in the physical, verbal, and structural elements of theatre.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
 - ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
 - ✓ Science: HNR Physics or ADV Biology
 - ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography
- ~ or ~

World Language: Spanish, French, or Latin 1

- ✓ Health/Physical Education

✓ **Theatre 1**

✓ **Theatre 1**

- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2

✓ **Theatre 2**

✓ **Theatre 2**

- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3

✓ **Theatre 3**

✓ **Theatre 3**

- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Theatre 4**
- ✓ **Theatre 4**
- ✓ Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills or Student Assistant

Notes:

-A carefully designed approach and course of study provide young student performers with the techniques they will need to freely express their creative energies. An actor's instruments are his or her body and voice. In order to be creatively and technically adept, an actor must gain knowledge, freedom, and control of these instruments. The Theatre Program encompasses training; creative and imaginative exploration; and the history, literature, and production of the theatre.

-Theatre majors will be encouraged to add elective courses in Fundamentals of Dance, Directing/Stage Production, Playwriting, American Musical Theatre, and/or Music Theatre Lab as warranted by their advancing skills and availability of elective opportunities in their schedule.

—9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

YPAS - Vocal Music



The Youth Performing Arts School Choral Ensembles and Singers have been actively engaged in the vocal arts since the school opened in 1977. Founding director, David Brown, established a tradition of excellence that was continued through the tenure of Dr. Tim Glasscock and that we continually strive to maintain today.

9th Grade

- ✓ English: HNR English 1 or ADV English 1
- ✓ Mathematics: Algebra 1, HNR Algebra 1, HNR Geometry, or ADV Geometry
- ✓ Science: HNR Physics or ADV Biology
- ✓ Social Studies: HNR Geography, ADV Geography and AP Human Geography ~ or ~
World Language: Spanish, French, or Latin 1
- ✓ Health/Physical Education
- ✓ **Vocal Development 1**
- ✓ **Men's/Ladies Ensemble 1**
- ✓ Study Skills

10th Grade

- ✓ English: HNR English 2, ADV English 2, or AP Seminar
- ✓ Mathematics: Geometry, HNR Geometry, ADV Geometry, Algebra 2, HNR Algebra 2 or ADV Algebra 2
- ✓ Science: HNR Biology, ADV Biology, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR World History, ADV World History, or AP World History
- ✓ World Language: Spanish, French, or Latin 2
- ✓ **Concert Choir 2 or Chamber Choir 2 (by audition)**
- ✓ **Men's/Ladies Ensemble 2**
- ✓ Study Skills

11th Grade

- ✓ English: HNR English 3, ADV English 3, AP English Language, or AP English Lit.
- ✓ Mathematics: Algebra 2, HNR Algebra 2, ADV Algebra 2, HNR Precalculus, or ADV Precalculus
- ✓ Science: HNR Physics, ADV Physics, HNR Chemistry, or ADV Chemistry
- ✓ Social Studies: HNR U.S. History, ADV U.S. History, or AP U.S. History
- ✓ World Language : Spanish, French, or Latin 3
- ✓ **Concert Choir 3 or Chamber Choir 3 (by audition)**
- ✓ **Men's/Ladies Ensemble 3**
- ✓ Study Skills

YPAS ([Course Descriptions - click here](#))

12th Grade

- ✓ English: HNR English 4, ADV English 4, AP English Lit., ENG 101 or ENG 102
- ✓ Math: Algebra 3, HNR Precalculus, ADV Precalculus, HNR Calculus, AP Calculus AB, Statistics, or AP Statistics
- ✓ **Concert Choir 4 or Chamber Choir 4** (by audition)**
- ✓ **Men's/Ladies Ensemble 4**
- ✓ J&C Elective
- ✓ Elective
- ✓ Elective
- ✓ Study Skills

Notes:

-The choirs have performed worldwide on concert tours, been invited to sing at a presidential inauguration, performed with local organizations and in the Louisville community, and have been invited to perform in conferences with the American Choral Directors Association, Intercollegiate Men's Choruses, and the Kentucky Music Educators Association. Our students are also active in studio voice programs and have an individual singing requirement in our classes. All students in our program sing in semester juries, and all of our magnet students also perform in solo recitals and KMEA solo and ensemble. Many of our students go on to pursue vocal performance or music education in college.

-This four-year curriculum plan is based on the continued growth and advancement of both vocal/rehearsal skills and classroom etiquette. The appropriate vocal ensemble placement must be approved by the Choral Director.

—9th Grade Students may take either their Social Studies or a World Language Course; and will finish either credit within the next three years.

-Students that have three years of the Arts have acquired a Specialization in the Visual Arts. Students that have earned this specialization may use this in lieu of taking a Humanities class their senior year.

Section 4

Course List - 2021-22

