

Friends Academy Upper School



Academic Pathways

English

**Introduction to
Literary Genres**

**Global Literature in
English**

American Literature

Minor Electives
Writing Fellows (Year)

Semester Courses (12th)
Fall
Creative Writing
Crime Fiction
Gender and Literature

Semester Courses (12th)
Spring
Screenwriting
Narrative & African-Am.
Identity
Speech and Debate
Latin American Lit

Year Course (12th)
AP English Literature
(prereq: A- in Am Lit or
Dept. Rec.)
American City Seminar
Honors (Prereq:
Application)

Graduation Requirement:
4 Years

Math

AP Statistics

(Prereq: Application)

Minor Electives:

Linear Algebra

(Prereq: A- Precalc or BC enrollment)

Multivariable Calculus

(Prereq: BC 2 enrollment or completion)

In keeping with Friends Academy being committed to meeting the needs of every student, the Math Dept. offers robust enrichment opportunities for all math students. The purpose of the enrichment is to provide students opportunities to tackle non-routine problems, participate in competitions, and complete independent research in STEM fields. While all students are encouraged to participate in enrichment, it is highly recommended for students looking for an extra challenge or are interested in entering the honors math track.

Graduation

Requirement: Algebra 1, Geometry, Algebra 2 or Algebra 2 & Trig. Four years of math recommended.

Algebra 1

Geometry

Algebra 2

Algebra 2 & Trigonometry

(Prereq: B- in Geom)

Topics in Precalculus

***PreCalculus**

(Recommend B- in Alg 2&Trig)

Calculus

AP Calculus AB

(Prereq: A in Precalc & teacher rec.)

Geometry Honors

(Prereq: A Alg 1 & teacher rec.)

Algebra 2 & Trig Honors

(Prereq: Geom Honors & teacher rec.)

AP Calculus BC 1

(Prereq: Algebra 2 & Trig Honors & teacher rec.)

AP Calculus BC 2

*PreCalculus is also available as a summer course between Jr. and Sr. year.

Science

Biology

Minor Electives

Science Projects (Fall or Spr.)
Engineering Projects (Fall)
Science Research (Year)

Chemistry

Honors Chemistry

(Prereq: Bio A, Geometry A, Geom.
Honors B)

Physics

AP Physics 1: Algebra- Based

(Prereq: Chem A or Hon Chem B; Alg
2 A or Alg 2 Honors B)

AP Chemistry

(Prereq: Honors Chem A,
Physics enrollment or
completion)

Year Electives

Marine Biology(11th,12th)

Semester Electives

Fall:

Organic Chemistry (12th)

Spring:

Engineering Design (11th, 12th)

Graduation Requirement: 3 Years.
Biology, Chemistry & Physics expected.

AP Courses:

AP Biology

(Recommended: Bio A-, Chem A- or Hon Chem B;
Prereq: Physics enrollment or completion)

AP Physics 2: Algebra-Based

(Prereq: AP Physics 1 B or Physics A; Enrollment in Pre-
Calculus or higher.)

AP Physics C

(Prereq: AP Phys 1 A; Enrollment in AP Calculus course)

AP Psychology

(Prereq: Biology & Chemistry B; B+ in 11th grade English)

Computer Science

Introduction to Computer Science (Semester)
(Prerequisite: Geometry)

AP Computer Science A

Minor Electives:
Computer Game Design
Digital Electronics
Robotics 1: Engineering
Robotics 2: Programming

**Post-AP Computer Science:
Algorithms**

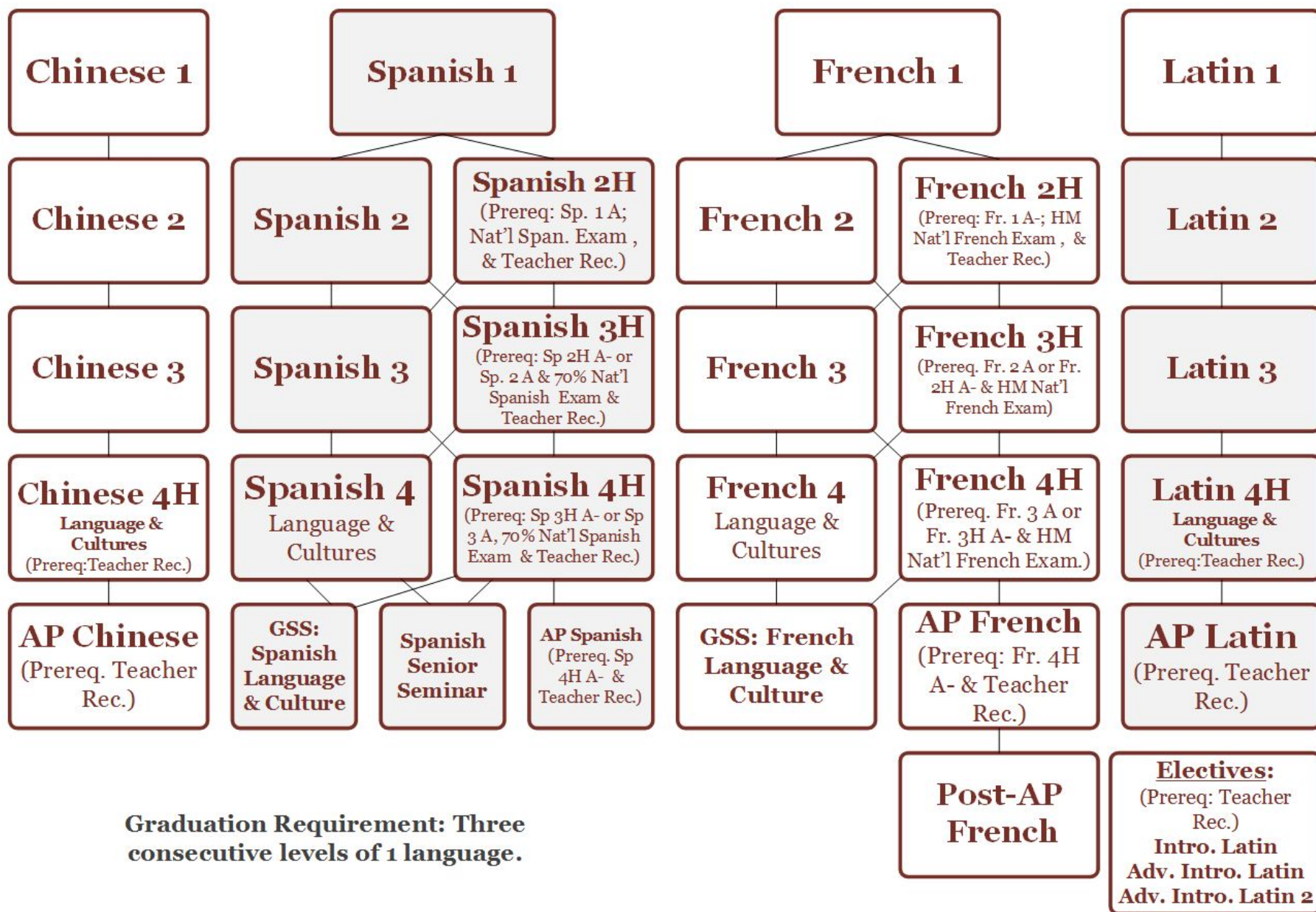
**Post-AP Computer Science:
Theory of Computation**

Graduation Requirement: One Computer Science Course, Film Making, Graphic Design, Digital Arts, Music Studio, Photography 1, or Photography 2: Digital. The course used to fulfill the technology requirement cannot be used towards the art requirement.

Engineering Electives

Science Projects
Engineering Projects
Digital Electronics
Robotics 1: Engineering
Engineering Design

World Languages & Cultures



History

Foundations of History

Global Interactions

US History

AP US History

(Prereq: History 10 A- and application)

Electives

Open to 11th-12th

Intro to Business, Econ, Personal Finance

Open to 10th-12th

Modern Global Perspectives

Introduction to Political Philosophy

GSS Honors: International Relations

GSS: Matriarchy and Patriarchy within Ancient and Modern Worlds (Fall)

AP Courses (Prereq: A- in previous year's history **or** B+ in APUSH)

AP Government and Politics:US and Comparative (10th-12th)

AP European History (11th-12th)

Graduation Requirement: Foundations of History, Global Interactions, and US or AP US History

Global Studies Scholar Program

**GSS Honors:
Spanish Language
& Culture**

(11th, 12th, Year)

**GSS Honors:
French Language &
Culture**

(11th, 12th, Year)

**GSS Honors:
International
Relations**

(10th-12th, Year)

**GSS: Matriarchy &
Patriarchy Within the
Ancient and Modern
Worlds**

(11th and 12th, Fall)

**GSS: Just Add
Water**

(11th-12th, Spring)

**All GSS courses entry by application and interview.
There are no grade prerequisites.**



The Arts at Friends Academy

Performing Arts

Dance
Music
Theater

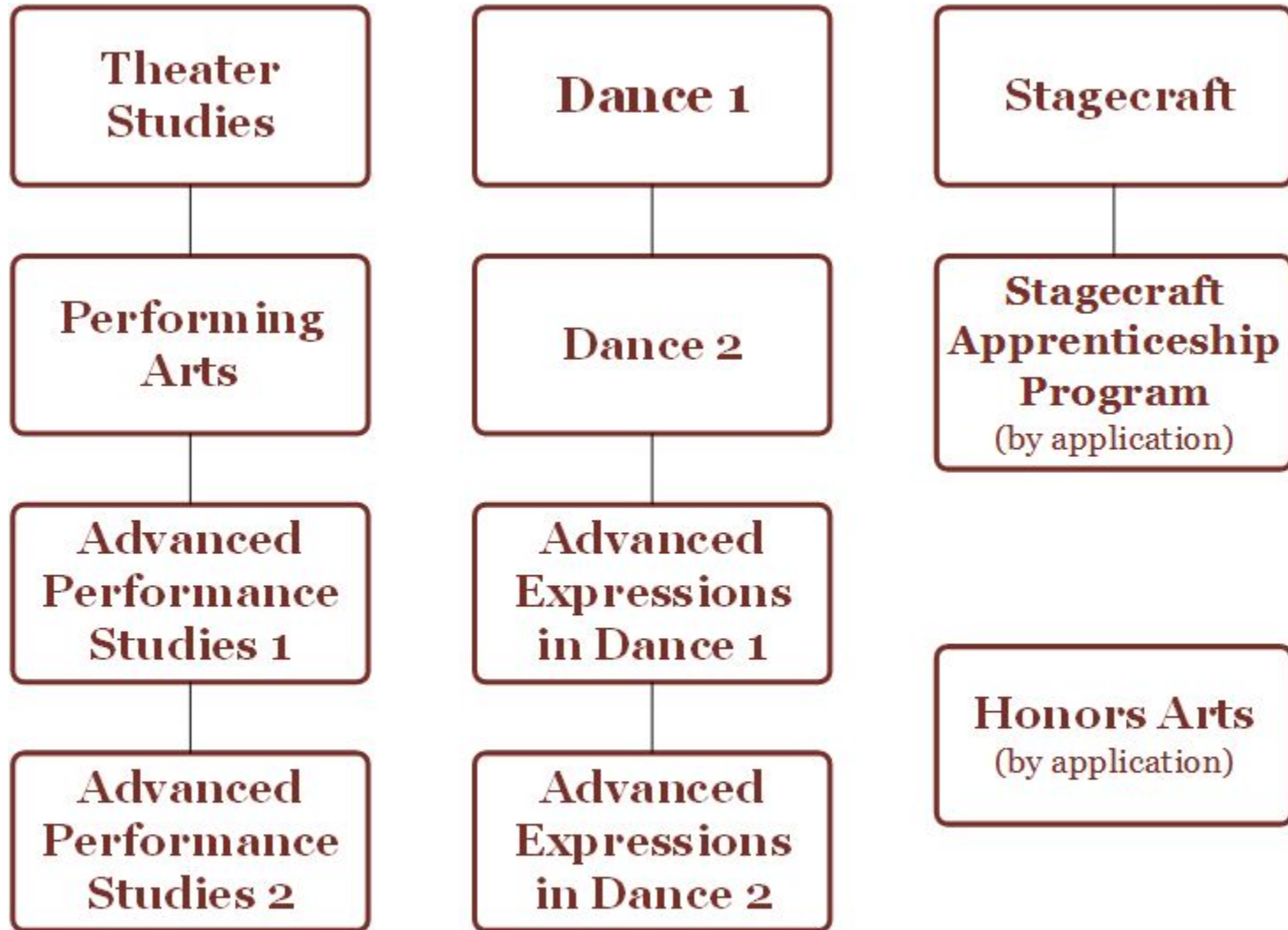
Visual Arts

Digital Arts
Photography
Studio Art

Honors Arts Seminar

**Graduation Requirement: One full credit of courses in
Visual and/or Performing Arts**

Performing Arts: Theater & Dance



**Graduation Requirement: One full credit of courses in
Visual and/or Performing Arts**

Performing Arts: Music

Performing Ensembles

Wind Ensemble

Jazz Band

Orchestra

9th Grade Vocal Ensemble

Vocal Ensemble

Mixed Music Ensemble

Concert Choir

Chamber Choir

Music Courses

Music Theory

AP Music Theory

Music Studio 1

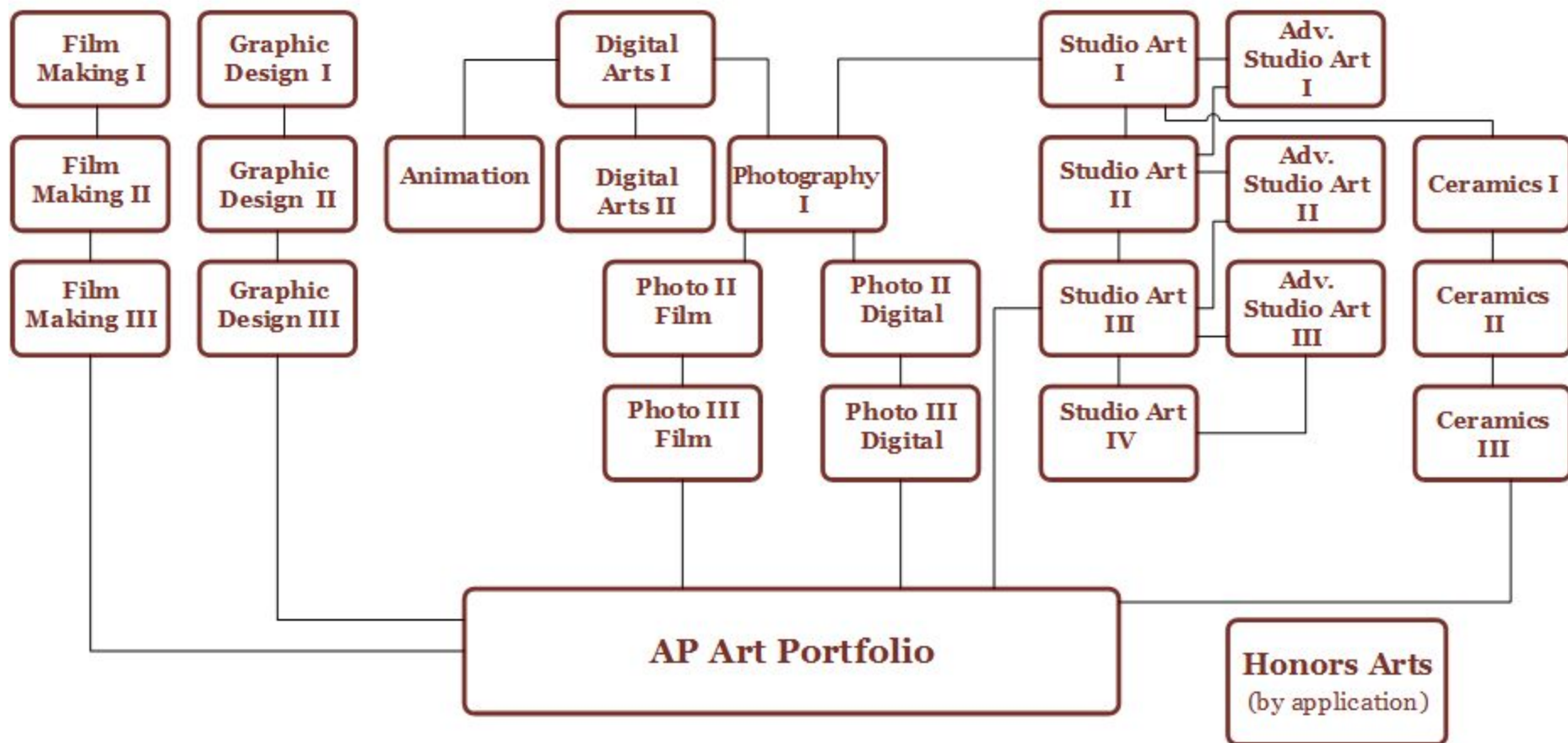
Music Studio 2

Honors Arts

(by application)

**Graduation Requirement: One full credit of courses in
Visual and/or Performing Arts**

Visual Arts



Graduation Requirement: One full credit of courses in Visual and/or Performing Arts

Minor Required Courses

All Students are required to take Physical Education classes all four years unless they are playing on an interscholastic team. Dance classes fulfill the PE credit.

**Health
Quakerism**

Community Service

Health

**Senior
Reflections: Seeking
Happiness, Peace, and
Purpose**

Name: _____

Part-Time Elective Courses 2019-2020

Please rank elective courses in order of your preference. Please choose more than might fit in your schedule so you are more likely to get enough electives.

Math

- _____ 2116 Linear Algebra (0.50) Year
- _____ 2173 Multivariable Calculus (0.50) Spring

Science:

- _____ 3096 Science Projects (0.25) Fall or Spring
- _____ 3098 Science Research (0.50) Year
- _____ 3127 Engineering Projects (0.25) Fall or Spring
- _____ 3042 Organic Chemistry (0.50) Fall
- _____ 3130 Engineering Design (0.50) Spring

Computer Science: (each of these fulfill Technology credit)

- _____ 6709 Robotics 1 Engineering (0.25) Fall
- _____ 6708 Robotics 2 Programming (0.25) Spring
- _____ 6007 Digital Electronics (0.25) Fall or Spring
- _____ 6008 Computer Game Design (0.25) Fall or Spring
- _____ 6000 Introduction to Computer Science (0.50) Sem.
- _____ 6010 AP Computer Science (1.0) Year
- _____ 6006 Post AP Computer Science: Algorithms (1.0) Year

World Languages & Cultures:

- _____ 4147 Introductory Latin (0.50) Year
- _____ 4148 Advanced Introductory Latin 1 (0.50) Year
- _____ 4149 Advanced Introductory Latin 2 (0.50) Year

Dance: (Each of these fulfill PE Credit)

- _____ 6721 Dance 1 (0.50) Year
- _____ 6722 Dance 2 (0.50) Year
- _____ 6720 Adv. Expressions in Dance 1 (0.50) Year
- _____ 6723 Adv. Expressions in Dance 2 (0.50) Year

Theater:

- _____ 6362 Theater Studies (0.50) Year
- _____ 6364 Performing Arts (0.50) Year
- _____ 6367 Adv. Performance Studies (1.0) Year
- _____ 6366 Stagecraft (0.25) Fall or Spring
- _____ 6378 Stagecraft Apprenticeship Program (0.50) Year

Music:

- _____ 6306 Wind Ensemble (0.50) Year
- _____ 6308 Jazz Band (0.50) Year

- _____ 6304 Orchestra (0.50) Year
- _____ 6330 9th Grade Vocal Ensemble (0.50) Year
- _____ 6330 Vocal Ensemble (0.50) Year
- _____ 6338 Mixed Music Ensemble (0.50) Year
- _____ 6331 Concert Choir (0.50) Year
- _____ 6303 Chamber Choir (0.50) Year- by audition
- _____ 6350 Music Theory (0.25) Fall or Spring
- _____ 6352 AP Music Theory (1.0) Year
- _____ 6299 Music Studio I (0.25) Fall or Spring
- _____ 6300 Music Studio II (0.25) (Spring)

Visual Art:

- _____ 6024 AP Art Portfolio (0.50) Year

Digital Arts: (Each may be credited to either Tech or Art credit)

- _____ 6291 Digital Arts I (0.25) Fall or Spring
- _____ 6291 Digital Arts II (0.25) Fall or Spring
- _____ 6377 Animation (0.25) Fall or Spring
- _____ 6293 Film Making I (0.25) Fall or Spring
- _____ 6294 Film Making II (0.25) Fall or Spring
- _____ 6294 Film Making III (0.25) Fall or Spring
- _____ 6810 Graphic Design I (0.25) Fall or Spring
- _____ 6811 Graphic Design II (0.25) Fall or Spring
- _____ 6811 Graphic Design III (0.25) Fall or Spring

Photography: (Digital Photo may be credited to either Tech or Art credit)

- _____ 6260 Photography I (0.50) Year
- _____ 6275 Photography II: Digital (0.25) Fall or Spring
- _____ 6262 Photography II: Film (0.25) Fall or Spring

Studio Arts:

- _____ 6100 Studio Art I (0.25) Fall or Spring
- _____ 6101 Advanced Studio Art I (0.25) Fall or Spring
- _____ 6102 Studio Art II (0.25) Fall or Spring
- _____ 6103 Advanced Studio Art II (0.25) Fall or Spring
- _____ 6104 Studio Art III (0.25) Fall or Spring
- _____ 6105 Advanced Studio Art III (0.25) Fall or Spring
- _____ 6106 Studio Art IV (0.25) Fall or Spring
- _____ 6220 Ceramics I (0.25) Fall or Spring
- _____ 6221 Ceramics II (0.25) Fall or Spring

Graduation Requirements:

1 Full Credit in the Arts

1 Technology Course: Comp Sci or Dig Arts Elective(1/4 Credit)

Friends Academy Upper School



Student Lastname
Senior
Student Firstname
Rising
CLASS YR
2020
Student ID
726311
Advisor

2019-2020 Course Selections

For English: Write year long course in box
or semester elective options below box

English:

1st choice Fall:

2nd Choice Fall:

1st Choice Spring:

2nd Choice Spring:

Math:

Science:

Language:

History:

Other
Major
Courses:

**For ELECTIVE courses,
please rank choices on
BACK of this card.**

Advisor Signature

Parent Signature

3/5/2019

Date Modified

Notes:

Five full time courses is the standard load. Application to the Academic Council is required to gain permission to take a sixth course.

The **maximum number of APs** students can take is 4, with the only 5th possible AP Studio Art or AP Computer Science.

Department Head signatures needed to affirm Honors/AP course eligibility.

_____ Arts Credit Complete

_____ Technology Credit Complete

_____ Number of Courses/Application
Submitted if Required

_____ Number of APs

_____ Department Head Signatures
Obtained if Needed

College Counselor Signature

18-19 Sem 1 Courses

Grade

| | |
|-----------------------------|----|
| American Literature | A- |
| Pre-Calculus | A |
| Physics | A |
| Honors Spanish IV | A- |
| AP United States History | B+ |
| Critical Health Issues | |
| P.E. 11/Health | |
| Field Hockey, Girls Varsity | |
| | |
| | |
| | |
| | |

Friends Academy Upper School



Student Lastname
Rising
Student Firstname
Tenth
CLASS YR
2022
Student ID
725421
Advisor

2019-2020 Course Selections

English:

Math:

Science:

Language:

History:

Other
Major
Courses:

**For ELECTIVE courses,
please rank choices on
BACK of this card.**

Advisor Signature

Parent Signature

3/5/2019

Date Modified

Notes:

Five full- time courses is the standard load. Application to the Academic Council is required to gain permission to take a sixth course.

Please check prerequisites for Honors/AP courses. **Department Head signatures needed to affirm Honors/AP course eligibility**

_____ Arts Credits/Complete

_____ Technology Credits/Complete

_____ Number of Courses/Application
Submitted if Required

_____ Department Head Signatures
Obtained if Needed

Academic Counselor Signature

18-19 Sem 1 Courses Grade

| | |
|-------------------------------------|-----|
| English 9: Intro to Literary Genres | B |
| Geometry | B+ |
| Biology | A- |
| French II | A- |
| Ancient Foundations of Human | A- |
| Computer Game Design | A |
| Quakerism | PAS |
| Robotics | A |
| P.E. 9 | |
| | |
| | |
| | |

Schedule Card Procedures

- Schedule cards are due on the following dates:
 - 9th grade March 15th
 - 10th grade March 22nd
 - 11th grade March 29th
- Parent, advisor, and department head signatures need to be obtained before that date
- Schedules need to be reviewed and signed by Ms. DeBlasi if a rising 10th or 11th; by college counselor if rising 12th
- Check out the [Course of Study](#) on the FA website for further information about all courses. This Pathways presentation is also on the website.
- The typical course load is 5 full-time courses. If a student wishes to take 6 full-time courses for a year or semester they need to be in excellent academic standing and go through an application process. Applications are due March 20th.