



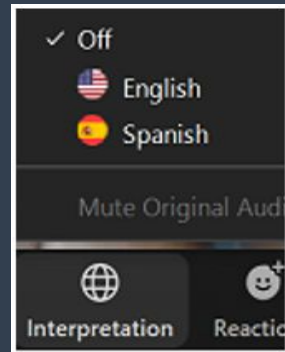
Planning for High School Coursework

10.29.2024

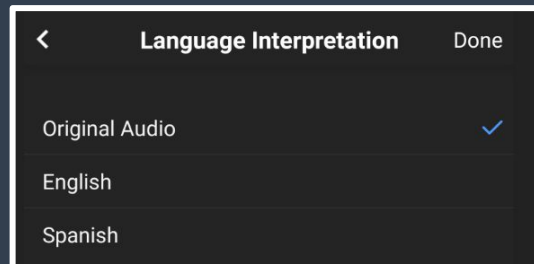
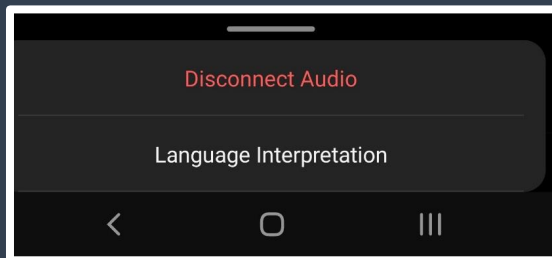
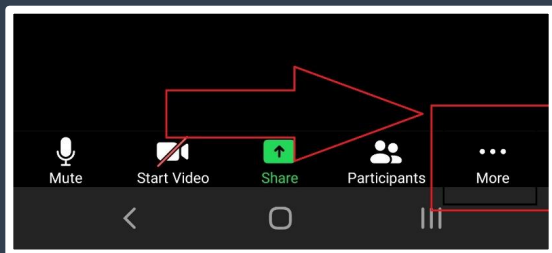
Interpretation available

Interpretacion disponible

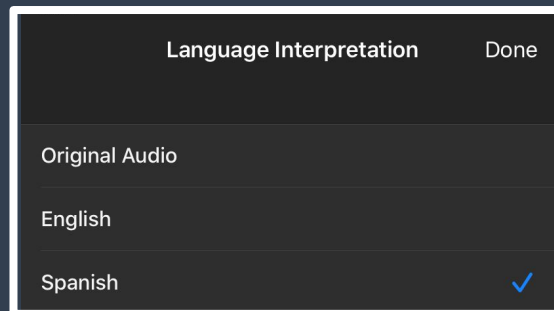
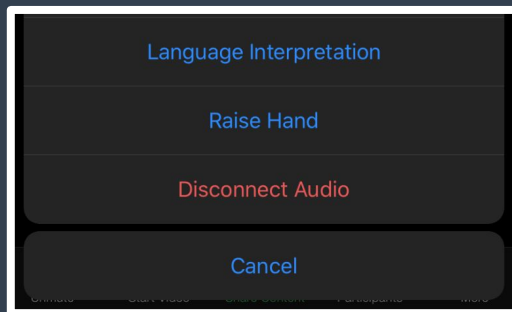
Web



Android



iPhone



Agenda

- High School Course Planning
- Choosing Advanced Academics Coursework
- Important Dates and Reminders



HS Essentials Presentation available on the Parent II site.



HS Essentials Covers:

- Enrichments
- Programs of Study
- Graduation Plans
- Career and Technical Education
- Naviance



Four Year Planning

Selecting a Program of Study

- Student Interest
- Interest Inventories (Naviance)
- Course Exploration
- Additional district resources



SBISD Course Catalog

The screenshot shows the Spring Branch ISD website. The header includes the logo and tagline 'Inspiring minds. Shaping lives.' on the left, and navigation links 'Translate', 'Calendar', 'Staff Directory', 'Let's Connect', and 'For Staff' on the right. Below the header is a main navigation bar with 'ABOUT', 'SCHOOLS', 'STUDENTS & FAMILIES', 'TEAM', and 'ENGAGE'. A red arrow points to the 'STUDENTS & FAMILIES' link. Below this bar is a grid of links. A second red arrow points to the 'Courses' link in the second column of the grid.

Athletics	Counselors	Handbooks	Remind
Attendance	Courses	Health Services	Safety & Security
Back to School	Digital Toolkit	Income Survey	Skyward Family Access
Bus Routes	Elementary and Secondary School	Learning Portal	Special Education
Canvas	Emergency Relief Fund (ESSER III)	Library	Summer School
Career & Technical Education (CTE)	Enroll	Meals & Online Payments	Supports
Choice Programs	Family E3	Naviance	Title IX
Choice Program Process	Gifted & Talented	Parent U	Training Resources
Choice (APPLY)	Grading Expectations	PTA	Transcripts
Code of Conduct	Grade-Level Guides	Pre-K & Early Childhood	Transfers
Communication	Graduates	Read	T-2-4 College & Career Planning
	Graduation		

SBISD Course Catalog

COURSES

What is the Course Catalog?

The Course Catalog is a document that outlines the units of study for each grade level. SBISD staff, parents and students use these guides for academic planning purposes.

Middle School

2024-2025

MIDDLE SCHOOL COURSE CATALOG 2024-2025

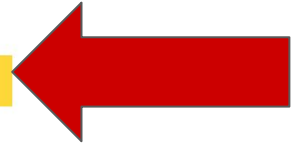
(SPANISH)

High School

2024-2025

HIGH SCHOOL COURSE CATALOG 2024-2025

(SPANISH)



SBISD Course Catalog

**High School Course Catalog
2024-2025**



Spring Branch Independent School District

District Resources

- Lessons for campuses
- Videos for students
- Informational Documents



Endorsement and Program of Study Cheat Sheet

1	START HERE	
2	Each tab has specific information regarding Programs of Study, Endorsements and the courses used to satisfy Program of Study and endorsement requirements. Please note: Each program of study leads to an endorsement if all requirements are met.	
3	The tabs listed below are linked for easy navigation. Click on the links below to go to the tab of your choice.	
4	Tab	Description
5	Programs of Study by Endorsement	List of programs of study that fall under each endorsement
6	All Endorsements	All Endorsements and programs of study offered in SBISD. This list also includes the courses by grade level for each program of study.
7	Arts & Humanities	All programs of study offered in SBISD that lead to an Arts & Humanities Endorsement. This list also includes the courses by grade level for each program of study.
8	Business & Industry	All programs of study offered in SBISD that lead to a Business & Industry Endorsement. This list also includes the courses by grade level for each program of study.
9	STEM	All programs of study offered in SBISD that lead to a STEM Endorsement. This list also includes the courses by grade level for each program of study.
10	Public Service	All programs of study offered in SBISD that lead to a Public Service Endorsement. This list also includes the courses by grade level for each program of study.

Endorsement and Program of Study Information

Endorsement:	<input type="text" value="▼"/>	Program of Study	<input type="text" value="▼"/>
	<ul style="list-style-type: none"> STEM Business/Industry Public Service Arts/Humanities Multidisciplinary 	<ul style="list-style-type: none"> 3D Animation Accounting & Financial Services American Sign Language Animal Science (Includes Vet Med) Architectural Design Art (Includes Photography) Band (Includes Jazz Ensemble) Broadcast Journalism Business Management Choir Color Guard Commercial Photography Construction Tech Cosmetology 	
Program of Study			
English			

	Junior (11th)	Senior (12th)
	<input type="text" value="▼"/>	<input type="text" value="▼"/>

Four Year Plan

Selecting the Endorsement and Program of Study

Four Year Planning

Selecting Classes

- English
- Math
- Science
- Social Studies
- Electives



Choosing Advanced Coursework

Types of Courses

Academics and Advanced Coursework

AAC- Advanced Academic Course

- Moves at a faster pace than grade level courses
- May require more homework
- Stretches those intellectual muscles

Academics and Advanced Coursework

AP- Advanced Placement

- Developed by the College Board
- Standard exam offered at the end of each year and the AP Exam score determines college credit
- Coursework prepares students for the AP Exam

Academics and Advanced Coursework

DC- Dual Credit

- Students earn HS credit and college credit at the same time by completing Houston Community College courses.
- The grade earned in the college class is transcribed on both the HS and the college transcript.
- Credits earned at Houston Community are transferable to any Texas public college or university
- Courses are taught on some high school campuses and at the Spring Branch campus of Houston Community College.

Academics and Advanced Coursework

DE- Dual Enrollment (OnRamps)

- Students are concurrently enrolled in the high school course and the college equivalent course.
- Students receive their high school credit after successfully completing the course; may choose to accept the college credit if the college coursework is successfully completed
- Courses are taught by SBISD teachers; university professors oversee the coursework.
- If accepted, college credit is awarded by the university.

Academics and Advanced Coursework

IB- International Baccalaureate

- IB Programme is offered at Westchester Academy for International Studies only.
- Coursework and other requirements are completed in the junior and senior year.
- Students take IB exams at the end of the senior year; colleges award credit based on the scores earned by the student.
- While course may be taken as a stand-alone course, typically students are part of the IB Diploma Programme or the IB Career-Related Programme.

English



Selecting English Courses



9

English I

English I AAC

10

English II

English II AAC

11

English III Options

12

English IV Options

11th and 12th grade English Options

English III Options

English III

AP English III
English III DC/DE:
ENGL1301/1302
IB English SL & HL (WAIS)

English IV Options

English IV

AP English IV
English IV DC/DE:
ENGL2322/2323
English IV DC/DE:
ENGL1301/1302
IB English SL & HL (WAIS)

Core Courses				
	Freshman (9th)	Sophomore (10th)	Junior (11th)	Senior (12th)
Program of Study	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
English	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Math	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Science	English I	<input type="text"/>	English III	<input type="text"/>
Social Studies	English I Advanced	<input type="text"/>	English III - Advanced	<input type="text"/> (Gov) <input type="text"/> (Eco)

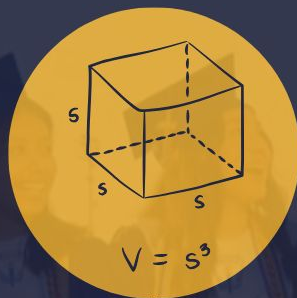
Four Year Plan

Selecting English Classes

Math



Selecting Math Courses



9

Algebra I (AAC)
Geometry (AAC)
Algebra II (AAC, DE)
Advanced Math Options

10

Geometry (AAC)
Algebra II (AAC, DE)
Advanced Math Options

11

Algebra II (AAC, DE)
Advanced Math Options

12

Advanced Math Options

Advanced Math Options

- Pre-Calculus (AP, DE)
- Statistics (AP)
- Calculus (AP– A/B or B/C)
- IB Mathematics SL and HL (WAIS)
- College Preparatory Math
- Advanced Quantitative Reasoning
- Algebraic Reasoning
- Math Models (3rd year)
- Financial Math (CTE)
- Statistics and Business Decision Making (CTE)



Core Courses				
	Freshman (9th)	Sophomore (10th)	Junior (11th)	Senior (12th)
Program of Study	<input type="text"/>			
English	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Math	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Science	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Social Studies	<div> Algebra I Algebra I - Advanced Geometry Geometry - Advanced Algebra II Algebra II Advanced Precalculus Precalculus Advanced </div> <input type="text"/>	<input type="text"/>	<input type="text"/>	<div> Precalculus (Gov) Precalculus Advanced (Eco) Calculus Calculus Advanced Statistics Statistics Advanced Other Advanced Math </div> <input type="text"/>
Electives Required For Graduation				
Physical Education or Athletics	<input type="text"/>	Fine Arts	<input type="text"/>	Other Languages: <input type="text"/>
	<input type="text"/>	<input type="text"/>	Math: <input type="text"/>	Other: <input type="text"/>

Four Year Plan

Selecting Math Classes

Science



Selecting Science Courses



9

Biology

Biology AAC

10

**Integrated Physics &
Chemistry**

Chemistry (AAC, DE)

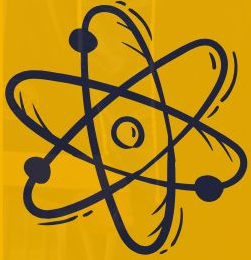
11

Third Science

12

Fourth Science

Third and Fourth Science Options



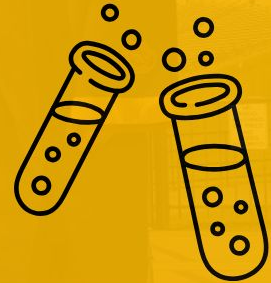
Physics
AP Physics I: Alg. Based
Dual Enrollment Physics



Aquatic Science
Environmental Systems
Astronomy
Earth Systems Science



CTE Program Science
Options



Advanced Academics
Science Options

CTE Program Science Options

- **Advanced Animal Science**
- **Anatomy and Physiology**
- **Forensic Science**
- **Medical Microbiology**
- **Pathophysiology**
- **Scientific Research & Design**
- **Principles of Engineering/Engineering Science**
- **Engineering Design and Problem Solving**



Advanced Academic Science Options

- AP Biology
- AP Chemistry
- AP Environmental Science
- AP Physics 2: Algebra Based
- AP Physics C: Mechanics
- AP Physics C: Electricity & Magnetism
- Earth Systems Science DE
- Biology DE
- IB Biology- SL & HL (WAIS)
- IB Chemistry- SL & HL (WAIS)
- IB Physics- SL & HL (WAIS)



- Anatomy and Physiology
- Aquatic Science
- Astronomy
- Biology - Advanced
- Chemistry - Advanced
- Earth & Space
- Earth & Space - Advanced
- Environmental Science - Advanced
- Environmental Systems
- Other Advanced Science
- (Gov)
- (Eco)

Core Courses			
	Freshman (9th)	Sophomore (10th)	Junior (11th)
Program of Study			
English			
Math			
Science			
Social Studies			

- Biology
- Biology Advanced

Four Year Plan

Selecting Science Classes

Social Studies



Selecting Social Studies Courses



9

**World Geography
World History & World
Geography AAC
AP Human Geography**

10

**World History
AP World History
AP Human Geography**

11

US History Options

12

**Government and
Economics Options**

11th and 12th grade Social Studies

US History Options

US History
AP US History
US History DC/DE:
HIST1301/1302
IB History of the
Americas- HL (WAIS)

Government and Economic Options

Government/Economics
AP Government/Economics
US Government DC: GOVT2305
Economics DE: ECON2301
IB History of the Americas- HL
(WAIS)

Core Courses

	Freshman (9th)	Sophomore (10th)	Junior (11th)	Senior (12th)
Program of Study	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
English	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Math	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Science	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Social Studies	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> (Gov) <input type="text"/> (Eco)
	<div> <div>World Geography</div> <div>Human Geography - Advanced</div> <div>World History and Geography - Advanced</div> </div>	<div> <div>Required For Graduation</div> </div>	<div> <div>US History</div> <div>US History - Advanced</div> <div>Other Advanced History</div> </div>	<div> <div>High School Credit Earned</div> </div>
Languages Other Than English	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Four Year Plan

Choosing Social Studies Courses

Choosing Advanced Coursework

Why take advanced coursework in high school?

Preparing for College

- Advanced courses in 9th and 10th grade prepare students for college-level work in 11th and 12th grade
- Advanced courses prepare students for the rigor of college
- Advanced courses help improve writing skills, problem-solving techniques, and study habits
- Improves skills needed for success beyond high school: critical thinking, analysis, teamwork, project management

College Impacts

- Colleges/universities consider advanced coursework in the college admissions process
- Students that take advanced courses in high school are more likely to complete a college degree on time
- Ability to earn college credit in high school, which means faster entrance to upper-level college courses

High School Transcript and Grade Point

Letter grade	Standard level classes	AAC, AP, IB, and Dual Credit classes in the 4 core areas
A- 90-100	6	7
B- 80-89	5	6
C- 75-79	4	5
D- 70-74	3	4
F- below 70	0	0

High School Transcript and Grade Point Average

Course	Grade	Point Value
English I AAC	85	6
Biology AAC	75	5
AP Human Geography	90	7
Geometry AAC	79	5
Spanish III AAC	85	5
Team Sports	98	6
Art I	88	5
	Divide by 7:	GPA- 5.5714

Electives



Choosing Electives

Program of Study Electives

Required Electives

- Physical Education
- Fine Art
- Language Other Than English

Core Courses

	Freshman (9th)	Sophomore (10th)	Junior (11th)	Senior (12th)
Program of Study	<div> <input type="text"/> </div> <div> <ul style="list-style-type: none"> Courses Begin Sophomore Year Freshman Core Course American Sign Language Art I Art I:Photography Band I Broadcast Journalism I </div>			

Electives Required For Graduation

High School Credit Earned

Languages Other Than English	Physical Education or Athletics	Fine Arts	
<input type="text"/>	<input type="text"/>	<input type="text"/>	Other Languages: <input type="text"/>
			Math: <input type="text"/>
			Other: <input type="text"/>

Four Year Plan

Electives



Reminders:

- Students may change their endorsement, plan of study, and four year plan at any point during high school.
- Parents and students will have an opportunity to review the 9th grade course selections in the spring and make corrections and changes.
- Most students will earn more than one endorsement, but they only need to select one.
- Campuses have the flexibility to adjust the timeline as needed.



Important Dates:

- Elective Fairs/Meetings on HS campuses:
 - MHS- January 23
 - NHS- January 22
 - SWHS- January 22
 - SHS- January 23
 - WAIS- December 5 (at WAIS) or January 7 (via Zoom)
- **January 23:** 8th grade students visit their future high school
- **February 5:** Parent U- Earning College Credit in High School



Questions?

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Beverly.Martin2@springbranchisd.com