



# San Diego High School

*"Home of the Cavers"*

2022/2023  
Course Planning & Selection Guide

[www.theschoolcounselor.org](http://www.theschoolcounselor.org)

# COURSE PLANNING & SELECTION

## UC/CSU A-G AND GRADUATION REQUIREMENTS

- **a** - History 6 credits/3 years
- **b** – English 8 credits/4 years
- **c** – Math 6 credits/3 years (4 recommended)
- **d** – Science 6 credits/3 years
- **e** – Language 4 credits/2 years (in the same language)
- **f** – VAPA 2 credits/1 year
- **g** - College Prep 2 credits/1 year

**Additional note:** Biology, chemistry, & physics all required unless part of an approved pathway, effective with the class of 2024

# COURSE PLANNING & SELECTION

## UC/CSU A-G AND GRADUATION REQUIREMENTS

Subject Area	9th	10th	11th	12th
<b>a - History/Social Science (3 years)</b>	<ul style="list-style-type: none"> <li>• Big History</li> <li>• Elective</li> </ul>	<ul style="list-style-type: none"> <li>• World History</li> <li>• APWH</li> </ul>	<ul style="list-style-type: none"> <li>• US History</li> <li>• APUS History</li> <li>• IB History</li> <li>• City College Chicano/Black Studies</li> </ul>	<ul style="list-style-type: none"> <li>• Government/Economics</li> <li>• AP Government/Economics</li> <li>• IB History</li> <li>• City College Political Science</li> </ul>
<b>b - English Language (4 years)</b>	<ul style="list-style-type: none"> <li>• Identity &amp; Relationships</li> </ul>	<ul style="list-style-type: none"> <li>• English 3,4</li> </ul>	<ul style="list-style-type: none"> <li>• American Literature</li> <li>• AP English Language</li> <li>• IB English</li> </ul>	<ul style="list-style-type: none"> <li>• Contemporary Voices of Literature</li> <li>• AP English Literature</li> <li>• IB English</li> <li>• City College English 47A/101</li> </ul>
<b>c - Mathematics (3 years)</b>	<ul style="list-style-type: none"> <li>• Integrated Math</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Math</li> <li>• Honors Pre-Calculus</li> </ul>	<ul style="list-style-type: none"> <li>• Integrated Math</li> <li>• Precalculus Honors</li> <li>• AP Calculus</li> <li>• IB Math</li> <li>• City College Math 96/119</li> </ul>	<ul style="list-style-type: none"> <li>• Statistics &amp; Data Science</li> <li>• Precalculus Honors</li> <li>• AP Calculus</li> <li>• IB Math</li> <li>• City College Math 150/151</li> </ul>
<b>d - Science (3 years)</b>	<ul style="list-style-type: none"> <li>• Biology</li> </ul>	<ul style="list-style-type: none"> <li>• Chemistry</li> <li>• Honors Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>• Physics</li> <li>• IB Science</li> <li>• Pathway Science</li> </ul>	<ul style="list-style-type: none"> <li>• AP Biology</li> <li>• IB Science</li> <li>• Pathway Science</li> <li>• Science Research Techniques</li> </ul>

**e** – World Language (2 years). **f** – Visual & Performing Arts (1 year). **g** – College Prep Elective (1 year).

# COURSE PLANNING & SELECTION

## MATHEMATICS SEQUENCING

9th	10th	11th	12th
Integrated Math 1	Integrated Math 2	Integrated Math 3	Statistics & Data Science
Integrated Math 1	Integrated Math 2	Integrated Math 3	Precalculus Honors
Integrated Math 1	Integrated Math 2	Math SL IB	Math Analysis & Approaches IB
Integrated Math 2	Integrated Math 3	Math SL IB	Math Analysis & Approaches IB
Integrated Math 2	Integrated Math 3	Precalculus Honors	AP Calculus
Integrated Math 2	Integrated Math 3	Precalculus Honors	Math 96/119: City College Statistics
Integrated Math 3	Precalculus Honors	Math SL IB	Math Analysis & Approaches IB
Integrated Math 3	Precalculus Honors	AP Calculus	Math 96/119: City College Statistics
Integrated Math 3	Precalculus Honors	Math 96/119: City College Statistics	Math 150/151: City College Calculus

# COURSE PLANNING & SELECTION

## WORLD LANGUAGE SEQUENCING

### French & Spanish

**9th**

1-2

3-4

5-6

7-8 Honors

**10th**

3-4

5-6

7-8 Honors

IB SL

**11th**

5-6

7-8 Honors

IB SL

IB HL 1

**12th**

7-8 Honors

IB SL

IB HL 1

IB HL 2

# COURSE PLANNING & SELECTION

## VISUAL & PERFORMING ARTS (VAPA)

### Art

#### 9th

Art 1,2 or VAD 1,2  
Art 1,2 or VAD 1,2  
Art 1,2 or VAD 1,2

#### 10th

Drawing & Painting 1,2  
D & P or C & D  
D & P or C & D

#### 11th

AP Art Studio: D & P  
AP Studio Art: 2-D  
Senior Art Studio

#### 12th

IB Visual Art SL  
IB Visual Art SL  
IB Visual Art SL

### Music

#### 9th

Band, Choir, Orchestra 1,2

#### 10th

Band, Choir, Orchestra 3,4

#### 11th

IB Music HL 1

#### 12th

IB Music HL 2

### Theatre

#### 9th

Theatre 1,2

#### 10th

Theatre 3,4

#### 11th

IB Theatre SL 1

#### 12th

IB Theatre HL 1

\*C & D = Color & Design

\*D & P = Drawing & Painting

\*VAD = Visual Art & Design

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS & DESCRIPTIONS

[Culinary Arts](#)

[Computer Science](#)

[International  
Baccalaureate](#)

IB

[Academy of Finance  
& Entrepreneurship](#)

AOFE

[Biomedical Science](#)

MedTech

[AJROTC](#)

[Green  
Engineering](#)

GeoTech

[Broadcast  
Journalism](#)

[Digital Arts &  
Mixed Media](#)

[Program Descriptions](#)

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Academy of Finance & Entrepreneurship (AOFE)

9<sup>th</sup>

- **Business 100**
- Identity & Relationships
- Math
- Biology
- World Language
- VAPA
- Ethnic Studies
- PE 9

10<sup>th</sup>

- World History
- English 3-4
- Math
- Chemistry
- World Language
- **Empowering Entrepreneurship Honors**
- AVID 10
- PE 10

11<sup>th</sup>

- AP U.S. History
- English
- Math
- Science
- World Language
- VAPA or Elective
- AVID 11
- **Advanced Accounting Honors**

12<sup>th</sup>

- AP Gov. & AP Econ.
- English
- Math
- Science
- World Language
- **Business & Financial Markets**
- AVID 12
- **AOF Internship**

AOF will be AOFE beginning 2022/2023



# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Culinary Arts

#### 9<sup>th</sup>

- Elective
- Identity & Relationships
- Math
- Biology
- World Language
- VAPA
- AVID 9
- PE 9

#### 10<sup>th</sup>

- World History
- English 3-4
- Math
- Science
- World Language
- VAPA or Elective
- **Food Prep & Nutrition**
- PE 10

#### 11<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- VAPA or Elective
- AVID 11
- **Culinary Arts Management 1-2**

#### 12<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- VAPA or Elective
- AVID 12
- **Culinary Arts Management 3-4**

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Green Engineering – GeoTech Academy

#### 9<sup>th</sup>

- Big History
- Identity & Relationships
- Math
- Biology
- World Language
- **Green Up & Go**
- AVID 9
- PE 9

#### 10<sup>th</sup>

- World History
- English 3-4
- Math
- Chemistry Honors
- World Language
- **Intro to Design**
- AVID 10
- PE 10

#### 11<sup>th</sup>

- U.S. History
- American Literature
- Math
- Physics
- World Language
- **Principles of Engineering**
- AVID 11
- Elective

#### 12<sup>th</sup>

- History
- English
- Math
- **UCCI Chemistry & Engineering Design: Solving Local & Global Challenges**
- World Language
- **Engineering Design & Development**
- AVID 12
- Elective

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Biomedical Science – MedTech Academy

9<sup>th</sup>

- Prin. of Biomedical Science
- Identity & Relationships
- Math
- Biology
- World Language
- VAPA
- AVID 9
- PE 9

10<sup>th</sup>

- World History
- English 3-4
- Math
- Human Body Systems
- Chemistry Honors
- Color & Design
- AVID 10
- PE 10

11<sup>th</sup>

- History
- English
- Math
- Research Techniques
- AP Psychology
- Medical Interventions
- AVID 11
- Drawing & Painting

12<sup>th</sup>

- History
- UCCI Advanced English Public Health
- Math
- Science
- World Language
- Biomedical Interventions
- AVID 12
- Internship

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Computer Science – iTech Academy

9<sup>th</sup>

- Computer Science Discoveries
- Identity & Relationships
- Math
- Biology
- World Language
- VAPA
- AVID 9
- PE 9

10<sup>th</sup>

- World History
- English 3-4
- Math
- Science
- World Language
- Computer Science
- AVID 10
- PE 10

11<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- Game Design 1-2
- AVID 11
- Drawing & Painting

12<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- Game Design 3-4
- AVID 12
- Internship

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### International Baccalaureate (IB)

#### IB Diploma:

- ❑ 6 courses in 6 different subject areas.
- ❑ Theory of Knowledge (TOK), Extended Essay, & Creativity-Activity-Service (CAS)

<u>Language &amp; Literature</u> IB English	<u>Language &amp; Acquisition</u> French Spanish	<u>Individuals &amp; Society</u> IB History of the Americas	
<u>Science</u> IB Biology IB Chemistry IB Physics	<u>Mathematics</u> IB Math SL IB Math Analysis & Approaches SL	<u>Art or Elective</u> Visual Art Film Theatre	Music 2 <sup>nd</sup> Language 2 <sup>nd</sup> Science

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### International Baccalaureate – IB

#### 9<sup>th</sup>

- Elective
- Identity & Relationships
- Math
- Biology
- World Language (WL) 5-6
- VAPA
- AVID 9
- PE 9

#### 10<sup>th</sup>

- AP World History
- English 3-4
- Math
- Chemistry Honors
- WL 7-8 Honors
- VAPA or Elective
- AVID 10
- PE 10

#### 11<sup>th</sup>

- IB History
- IB English
- IB Math
- IB Science
- IB WL SL
- IB Elective
- AVID 11
- IB Support/TOK 1

#### 12<sup>th</sup>

- IB History
- IB English
- IB Math
- IB Science
- IB WL HL
- IB Elective
- AVID 12
- IB Support/TOK 2

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Broadcast Journalism

#### 9<sup>th</sup>

- Elective
- Identity & Relationships
- Math
- Biology
- World Language
- **Video Production 1-2**
- AVID 9
- PE 9

#### 10<sup>th</sup>

- World History
- English 3-4
- Math
- Science
- World Language
- **Video Production 3-4**
- AVID 10
- PE 10

#### 11<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- **Broadcast Journalism 1-2**
- AVID 11
- Elective

#### 12<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- **Broadcast Journalism 3-4**
- AVID 12
- Elective

# COURSE PLANNING & SELECTION

## SDHS PROGRAM PATHWAYS: COURSE SEQUENCING

### Digital Art & Mixed Media

#### 9<sup>th</sup>

- Elective
- Identity & Relationships
- Math
- Biology
- World Language
- **Foundations in Visual Art & Design**
- AVID 9
- PE 9

#### 10<sup>th</sup>

- World History
- English 3-4
- Math
- Science
- World Language
- **Video Production 1-2**
- AVID 10
- PE 10

#### 11<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- **Digital Art & Mixed Media 1-2**
- AVID 11
- Elective

#### 12<sup>th</sup>

- History
- English
- Math
- Science
- World Language
- **Digital Art & Mixed Media 3-4**
- AVID 12
- Elective



# CONTACT INFORMATION

[WWW.THESCHOOLCOUNSELOR.ORG](http://WWW.THESCHOOLCOUNSELOR.ORG)

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