


# Cactus Shadows High School


## International Baccalaureate Program



# Why IB?

- **It increases academic opportunity**
    - Research shows that DP graduates are much more likely to be enrolled at top higher education institutions than entrants holding other qualifications
    - The possibility of earning 30 or more college credits
    - Many universities offer special scholarships for students who have earned the diploma (i.e. GCU and University of Arizona)
  - **IB students care about more than just results**
    - Through CAS (creativity, action, service) students develop intellectually, emotionally, and ethically
  - **It encourages students to become confident and independent learners**
  - **It's an international qualification**
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# Why IB?

- **Graduates are globally minded**
    - A key component of the diploma programme is the development of international-mindedness across the curriculum
  - **The IB encourages critical thinking**
    - Students learn how to analyse and evaluate issues, generate ideas and consider new perspectives
  - **DP students have proven time management skills**
  - **It assesses more than examination techniques**
    - Students learn to understand, not just memorize facts or topics and prepare for exams
  - **Subjects are not taught in isolation**
    - Cross-curricular connections are imbedded within the courses
  - **It encourages breadth and depth of learning**
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# Additional Benefits

- All IB classes are weighted on a 5.0 scale
  - Smaller class sizes, personalized instruction
  - All IB teachers have attended IB training courses
  - Strong peer camaraderie
  - Summer Trip Abroad
  - Unique volunteer opportunities
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# IB students are...

- naturally curious
  - self-motivated, personally driven
  - high-achieving, open-minded, and self-reflective
  - well-organized (or willing to work on it)
  - risk-takers (or willing to become so)
  - committed to embracing the learning of another world language/culture
  - interested in balancing academics with learning outside of the classroom - both on a personal and a community level
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# IB vs. AP

## IB

- High school diploma PLUS international diploma
- International standards
- Process driven - how?
- Breadth and depth of knowledge
- More critical thinking
- Multiple assessments (internal and external)

## AP

- High school diploma
- National standards
- Content driven - what?
- Breadth of knowledge
- More memorization
- One assessment (MC and some short answer/essay)

# 2022 Exam Results

- **85% of the 2022 Diploma Candidates received their IB Diplomas (as compared to 68.6% for the state, and 72.9% for the country)**
- **Average points obtained by candidates who passed the diploma = 33 (out of 45 possible; as compared to 27.7 for the state and 28 for the country)**
- **Highest diploma points awarded to a candidate = 38**
- **Average exam score = 5 (out of 7; as compared to 4.39 for the state, and 4.30 for the country)**

# How to do IB at CSHS

Students have the opportunity to earn *either* the full Diploma or Certificates in individual courses:

- **Diploma Candidates** = students take six IB courses, in addition to the three DP core requirements (Theory of Knowledge, Extended Essay, and CAS)
  - 3 HL (Higher Level) and 3 SL (Standard Level) OR
  - 4 HL (Higher Level) and 2 SL (Standard Level)
- **Course (or Certificate) Candidates** = students take one or more IB courses based on the student's interests, aspirations, and responsibilities outside of school
- Exams are taken in May of Junior and Senior year



# 4-Year Academic Plan

## 9th Grade

- English 9 H
- Algebra 1, Geom H or Algebra 2 H
- Biology H
- French, Spanish, or Chinese 1 or 2 PE/Health Fine Art or other Elective

## 10th Grade

- English 10 H
- Algebra 2 H
- Chemistry H French, Spanish, or Chinese 3 H or 4 H
- AP U.S. Government (one semester course) and AP Macroeconomics (one semester course)
- Fine Art or other Elective (or Geometry H)

## 11th Grade

- IB English HL
- IB Math SL w/Pre-Calc H or IB Math HL w/AP Calc AB
- IB Biology/Physics SL or HL
- IB French, Spanish, or Chinese SL or HL
- IB History HL
- IB Elective
- Theory of Knowledge (Spring Semester)

## 12th Grade

- IB English HL
- IB Math SL/HL w/AP Calc AB, IB Math SL w/AP Stats or IB Math HL w/AP Calc BC
- IB Biology/Physics SL or HL
- IB French, Spanish, or Chinese SL or HL
- IB History HL
- IB Elective (if Dance, Visual Arts, or Theater)
- Theory of Knowledge (Fall Semester)

# University Recognition

“One of the advantages of an IB curriculum is its structure and quality. It is a coordinated programme, well established, well known, and well respected. We know the quality of IB courses and we think the IB curriculum is terrific.”

**Christoph Guttentag, Director of Undergraduate Admissions, Duke University**

“It is the ‘best’ high school prep curriculum an American school can offer.”

**Marilee Jones, Director of Undergraduate Admissions, Massachusetts Institute of Technology**



# University Recognition

Institution	General Acceptance Rate	IB Diploma Acceptance Rate
MIT	7.2%	23.1%
Stanford	4.65%	17%
Harvard	5.1%	12.2%
Cal Tech	8%	28.3%
University of Chicago	7.9%	60.3
Cornell	14.1%	47%
Univ. of Pennsylvania	9.4%	31.6%
University of Michigan	28.6%	70.8%
University of Wisconsin	49%	75%

# University Recognition

School	IB Average Score per Exam	Possible Credit Awarded	Approximate Cost of Tuition (24 Credit Hours)	Cost of IB Exams (six exams @ \$124 each)	Potential Savings
ASU	5	28	\$12,388	\$744	> \$11,644
U of A	5	31	\$12,694	\$744	> \$11,950
NAU	5	31	\$11,896	\$744	> \$11,152

*Exams taken: English HL (3 credits), Spanish HL (8 credits), History HL (6 credits), Economics SL (ASU and U of A, no credit; NAU - 3 credits), Biology HL (8 credits), Math SL (ASU and NAU, 3 credits; U of A, 6 credits)*

# Who is eligible to participate?

**Everyone!**

**At CSHS, all Juniors and Seniors are encouraged to enroll in IB courses – there is absolutely NO application process.**

**Some IB courses *do* have prerequisites that students must meet in order to ensure success...**

- For example, students must have completed Algebra 2 before enrolling in IB Math SL***

**Any questions regarding specific prerequisites or courses should be addressed to the IB Coordinator.**

**Any Questions?**

