

## THE SCHOOL AND COMMUNITY

Bethesda-Chevy Chase High School was established in 1926 and serves the communities of Bethesda, Chevy Chase, Kensington, and Silver Spring in Montgomery County, Maryland. B-CC is a comprehensive public high school that has a full complement of challenging academics and innovative programs including an honors program, IB Middle Years, an Advanced Placement Program and an International Baccalaureate Diploma Program. B-CC is accredited by the Middle States Association of Colleges and Secondary Schools and by the Maryland State Department of Education.

### ADMINISTRATORS

Ms. Karen L. Lockard, Principal  
 Mr. Bennie W. Green, Assistant Principal  
 Mr. Jon Green, Assistant Principal  
 Mr. Chris Nardi, Assistant Principal  
 Ms. Sherry Libby, School Business Administrator

### COUNSELORS

Ms. Colleen Desmond, Resource Counselor  
 Mr. Brett DeMunter  
 Mr. Richard Gordon  
 Ms. Mia Hemmer  
 Ms. Nancy Keller-Klothe  
 Ms. Tammy Mayo-Blake  
 Ms. Rina Palchick  
 Ms. Kathryn Peebles, Registrar  
 Ms. Patty Parmelee, College & Career Coordinator

### THE STUDENTS

Total Number of Students: 1863  
 Seniors – 415      Sophomores - 438  
 Juniors - 509      Freshmen - 501

More than 55 countries are represented in our student body and our ethnic breakdown is 63% Caucasian (non-Hispanic), 17% African-American, 14% Hispanic, and 7% Asian.

### GRADUATION REQUIREMENTS

#### 22 credits

English	4 credits
Social Studies	3 credits (1 US history, 1 government, 1 world history)
Foreign Language	2 credits
or	
Advanced Technology	2 credits
or	
Career Development	3-9 credits
Technology Education	1 credit
Mathematics	4 credits (includes 1 algebra and 1 geometry)
Science	3 credits (includes 1 physical and 1 life science)
Fine Art	1 credit
Health	.5 credit
Physical Education	1 credit
Community Service	75 hours

High School Assessments:  
 English 10, Biology, Algebra 1

### GRADING SYSTEM

A	(90-100)	Outstanding level of performance
B	(80-89)	High level of performance
C	(70-79)	Satisfactory level of performance
D	(60-69)	Minimal level of performance
E	(Below 60%)	Unsatisfactory level of performance
CR		Credit on Pass/Fail
NCR		No credit on Pass/Fail
I		Incomplete
W		Withdrawn

### GRADE POINT AVERAGE (GPA)

The grade point average is calculated on a 4.0 scale.

A = 4, B = 3, C = 2, D = 1 and E = 0.

The weighted GPA is calculated A = 5, B = 4, C = 3 for all IB, AP, advanced level, and honors courses.

Both GPAs include all classes taken.

Montgomery County Public Schools do not provide class rank of their students. The following grade distribution may be helpful in interpreting students' grades.

#### DISTRIBUTION OF CUMULATIVE AVERAGES BETHESDA-CHEVY CHASE CLASS OF 2011

Range	% of Class GPA	% of Class Weighted GPA
4.51 and above	NA	13%
4.01 – 4.50	NA	23%
3.51 – 4.00	27%	20%
3.01 – 3.50	28 %	14 %
2.51 – 3.00	18 %	10 %
2.01 – 2.50	14 %	17 %
1.51 – 2.00	8 %	17 %
1.01 - 1.50	4 %	3 %
1.00 & below	0 %	0 %

### POST HIGH SCHOOL ACTIVITY – CLASS OF 2011

4 -Year Colleges	2 -Year Colleges
<b>75%</b>	<b>20%</b>

### ACADEMIC AWARDS – CLASS OF 2012

National Merit Semifinalists	14
National Achievement Semifinalists	3
National Merit Commended Students	42

**ADVANCED LEVEL - HONORS COURSES**

B-CC encourages rigor through honors work in grades 9 - 12, in English, foreign languages, mathematics, music, science and social studies. All work in AP and advanced level courses listed below is considered to be honors level. The designation ADV will appear next to these courses on the student’s transcript. The designation HON will appear next to the Honors courses on the student’s transcript.

**AP COURSES (ADV)**

Biology	Music Theory
Calculus AB and BC	Government/Politics
Chemistry	Italian Language
Computer Science A and AB	Latin Literature
Economics: Macro and Micro	Physics B and C
English Language	Psychology
English Literature	Spanish Language
Environmental Science	Spanish Literature
European History	Statistics
French Language	Studio Art -Design
French Literature	United States History
	World History

**ADVANCED LEVEL COURSES (ADV)**

All IB courses except Extended Essay	Spanish 5
Anatomy and Physiology	French 5
C++ Computer Language	Multivariable Calculus/ Differential Equations
	Calculus with Applications

**AP TEST DATA – 2011**

**Total Number of Students Who Tested: 802**

**Total Number of Tests Administered: 1539**

**HONORS COURSES (HON)**

Algebra	Geometry
Biology	Jazz Ensemble
Chamber Singers	Matter and Energy
Chemistry	Modern World History
Chorus 3	NSL Government
English (Grades 9 - 12)	Physics
Foreign Languages Levels 3 & 4 (Chinese, French, Italian, Arabic, and Spanish)	Symphonic Band
	U.S.History

**STANDARDIZED TEST DATA-2011**

**Seven Keys to College Readiness**

<b>SAT 1650 or higher</b>	<b>231</b>
<b>Reading 550 or higher</b>	<b>235</b>
<b>Math 550 or higher</b>	<b>226</b>
<b>Writing 550 or higher</b>	<b>236</b>
 <b>ACT 24 or higher</b>	 <b>95</b>
 <b>AP 3 or higher</b>	 <b>1131</b>
<b>IB 4 or higher</b>	<b>607</b>

# students	802					
#exams	1539					
Exam	5	4	3	2	1	Total
Music Theory					1	1
Studio Art 2D	1		1	1	1	1
Studio Art 3D				1		1
Studio Art Drawing Portfolio		1	2	3		6
EnglishLang/Comp	34	33	35	20	3	125
English Lit&Comp	18	21	29	42	10	120
Comp Govt&Pol	18	9	7	7	7	48
Eur.History	6	1	3			10
Human Geo	2					2
Macroeconomics	8	14	8	12	7	49
Microeconomics	7	8	6	11	1	33
Psychology	23	45	25	18	32	143
USGovt/Pol	125	51	68	33	10	287
US History	3	5	8	5		21
World History	30	36	33	19	7	125
Calc AB	6	10	14	9	12	51
Calc BC	37	25	25	12	15	114
Comp Science A		4	2			6
Statistics	14	18	22	9	3	66
Biology	17	27	10	13	23	90
Chemistry	14	12	6	3	3	38
Env Science	7	17	20	22	10	76
Physics C:Elec &	3	9	2	4	1	19

Magnetism						
Physics C:Mechanics	7	4	6	2	1	20
French	1	1	1	1		4
Japanese	2	1				3
Spanish	31	22	7	10		70
Spanish Lit	1	2		1	3	7

# *Bethesda-Chevy Chase High School*

## *International Baccalaureate Diploma Program*

### **Bethesda-Chevy Chase High School's International Baccalaureate Diploma Program**

The International Baccalaureate (IB) Diploma Program was founded in 1965 to provide a rigorous well-rounded education for students through-out the world so they would qualify for university study no matter where they had pursued their high school education. The IB Diploma Program, therefore, has a common, broad curriculum that is assessed by internationally developed and graded oral and written examinations. The IB Diploma Program is unique in that it provides a liberal arts, interdisciplinary education leading to a diploma which is recognized throughout the world. The curriculum is based on the topics and goals identified by the curriculum board of the International Baccalaureate in Cardiff, Wales.

The requirements for an IB diploma include course work and passing scores on examinations in English, a foreign language, mathematics, experimental science, social studies, and one elective; completion of a course entitled Theory of Knowledge, a 4,000-word extended essay, and 150 hours of CAS (creativity, action, and service). B-CC's IB Diploma program maintains an open admissions policy.

BCC's IB Program strives to:

- Create a challenging academic program
- Emphasize "formation" rather than "information" -- teach thinking, not memorization
- Help to lay a foundation for a lifetime of learning
- Foster high standards of personal development and a mature sense of responsibility
- Value and nurture diversity
- Provide many opportunities to develop talents in leadership, communications, performing arts, athletics, and other abilities

### **B-CC's IB Test Data**

#### **Class of 2009**

Diploma Candidates	91
Anticipated Candidates	94
Certificate Candidates	177
Exams Taken	946

#### **Class of 2010**

Diploma Candidates	91
Anticipated Candidates	81
Certificate Candidates	210
Exams Taken	957

#### **Class of 2011:**

Diploma Candidates	75
Anticipated Candidates	83
Certificate Candidates	240
Examinations taken	658 *

\*Please note TOK and Extended Essay are no longer counted

## IB Program Rating Scale

Levels: HL = Higher Level Exam  
 SL = Standard Level Exam

Scores 7 represents the highest score  
 1 represents the lowest score

B-CC's IB program maintains an open admissions policy  
 And a student success rate well above the international  
 average.

Subject	candidates	candidates						
		7	6	5	4	3	2	1
ENGLISH A1 HL	144	2	25	88	28	1	0	0
FRENCH AB. SL	4	0	0	0	2	2	0	0
FRENCH B HL	17	2	4	4	4	3	0	0
FRENCH B SL	11	1	1	4	2	3	0	0
ITALIAN B HL	3	0	0	1	2	0	0	0
ITALIAN B SL	2	0	0	0	0	1	1	0
MANDARIN B HL	1	0	0	1	0	0	0	0
MANDARIN B SL	8	0	1	1	6	0	0	0
RUSSIAN B SL	1	1	0	0	0	0	0	0
SPANISH AB. SL	6	0	0	4	1	1	0	0
SPANISH B HL	44	8	22	14	0	0	0	0
SPANISH B SL	19	0	7	6	5	1	0	0
ENV. AND SOC. SL in ENGLISH	56	1	4	19	15	12	5	0
HIST.EUROPE/ME HL in ENGLISH	94	1	19	37	30	5	2	0
PSYCHOLOGY SL in ENGLISH	58	4	14	26	8	1	2	1
BIOLOGY HL in ENGLISH	17	0	3	6	4	3	1	0
BIOLOGY SL in ENGLISH	4	0	0	2	1	1	0	0
CHEMISTRY SL in ENGLISH	27	1	1	6	11	3	5	0
PHYSICS HL in ENGLISH	17	0	0	5	8	2	2	0
PHYSICS SL in ENGLISH	2	0	0	0	0	2	0	0
MATH.STUDIES SL in ENGLISH	28	0	10	9	5	4	0	0
MATHEMATICS HL in ENGLISH	21	0	1	0	3	11	6	0
MATHEMATICS SL in ENGLISH	28	1	2	9	8	7	1	0
FILM HL in ENGLISH	14	2	1	5	4	0	1	0
MUSIC HL in ENGLISH	3	0	0	3	0	0	0	0
MUSIC SO.PERF SL in ENGLISH	6	0	1	4	1	0	0	0
THEATRE SL in ENGLISH	7	0	0	2	4	1	0	0
VISUAL ARTS OPTION A HL in ENGLISH	7	0	1	0	3	3	0	0
VISUAL ARTS OPTION A SL in ENGLISH	7	0	0	1	4	2	0	0

