



## Credits and Exceptions

As well as our **placement exams**, the mathematics department has several options for earning college credit or gaining entry to higher level math courses. These are summarized below.

- **Precalculus credit**

Students can earn credits for calculus-level courses as in the table below from the Advanced Placement (AP) Precalculus exam.

AP Precalculus	Credits Earned
$\geq 4$	Math 140X

- **Calculus credit**

Students can earn credits for calculus-level courses as in the table below from Advanced Placement (AP) calculus exams AB or BC, International Baccalaureate Higher Level (IB HL) mathematics exams, and College Level Examination Program (CLEP) calculus exams<sup>1</sup>.

AP BC	AP AB	IB HL	CLEP calculus	Credits earned
$\geq 4$	N/A	N/A	N/A	Math 251A and 252A
3	$\geq 4$	$\geq 6$	N/A	Math 251A
N/A	N/A	N/A	$\geq 50$	Math 241

- **Access to higher level courses**

There are several ways that students can get access<sup>2</sup> to higher level courses: Advanced Placement AB (AP AB), International Baccalaureate Higher Level (IB HL), Scholastic Assessment Test (SAT), American College Testing (ACT), and Smarter Balance Assessment for Mathematics (SBAM). The scores below will not give college credit, however.

AP AB	IB HL	SAT	SAT pre-2016	ACT	SBAM	May enroll in
N/A	5	$\geq 760$	$\geq 730$	$\geq 33$	N/A	Math 215, 241, or 251A
3	4	$\geq 730$	$\geq 700$	$\geq 31$	N/A	Math 215, or 241
N/A	N/A	$\geq 650$	$\geq 630$	$\geq 29$	N/A	Math 140X or 203
N/A	N/A	N/A	N/A	N/A	$\geq 2628$	Math 140X

If you have received a 3 on the AP Calculus AB exam, please email the MATH Department at [office@math.hawaii.edu](mailto:office@math.hawaii.edu) and notify us of which first semester calculus course in which you are interested. Please verify that your score is visible in STAR or email the MATH Department a printout of your AP Calculus AB score.

- **College credit**

A student who scores at least 55 in the CLEP College Mathematics examination will be awarded 3 credits towards graduation. These credits cannot be used to fulfil any general education or major requirements.

<sup>1</sup>A CLEP calculus score can only be used for college credit by students who do not have either an AP score, or an IB score.

<sup>2</sup>Enrollment in 251A also requires an appointment with the Associate Chair.