

DEVELOPMENTAL EDUCATION AT UAA

DEFINITIONS

For this measure,

- **underprepared students** are defined as a cohort of baccalaureate and associate of arts degree-seeking students entering UAA for the first time in a specified fall semester who have been assessed by UAA as deficient in one or more of the basic skills (reading, writing, computation) according to SAT, ACT scores, or Accuplacer assessment instruments;
- **successfully completed** is defined as earning a grade of "C" or better;
- **developmental-level coursework** is defined as one or more of a specified list of courses offered at any of UAA's five campuses: MATH 054, 055, 060, 105 and ENGL 108, PRPE 070, 076, 080, 084, 086 107, 108;
- **college-level English or Math** is defined as ENGL 111, MATH 107, 172 AND STAT 252; and
- **one year** is defined as the four semesters beginning with the specified fall semester and ending with the subsequent fall semester. For example, for the Fall 2010 entering cohort, "one year" includes Fall 10, Spring 11, Summer 11, and Fall 11.

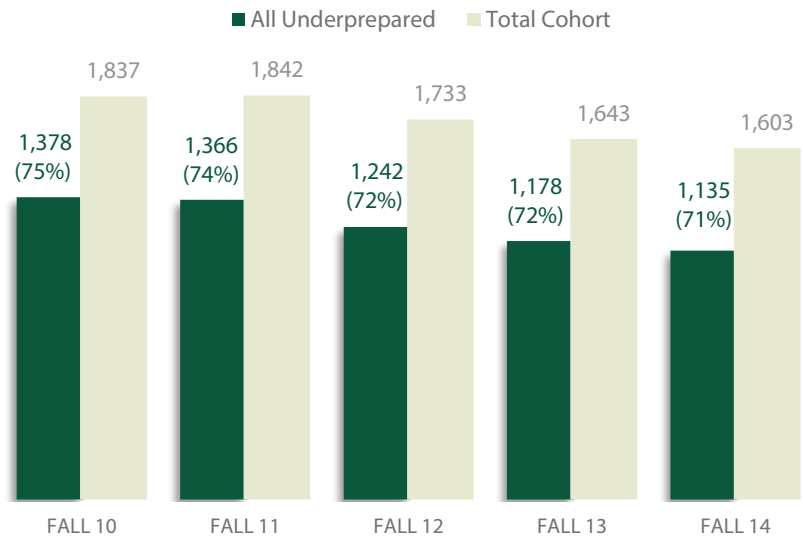
SOURCES:

SW IR DSD data system at fall semester closing, compiled by UAA IR office

National Center for Education Statistics:
<http://nces.ed.gov/pubs2011/2011221.pdf>

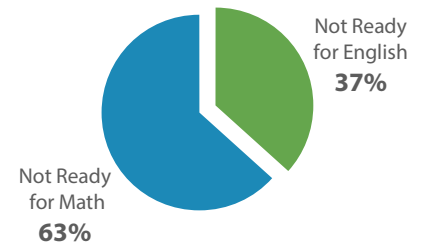
How many incoming freshmen are underprepared?

71% of all incoming baccalaureate and associate of arts degree-seeking students were identified through test scores as underprepared for English, Math or both in fall 2014.



How many need help with math compared to English?

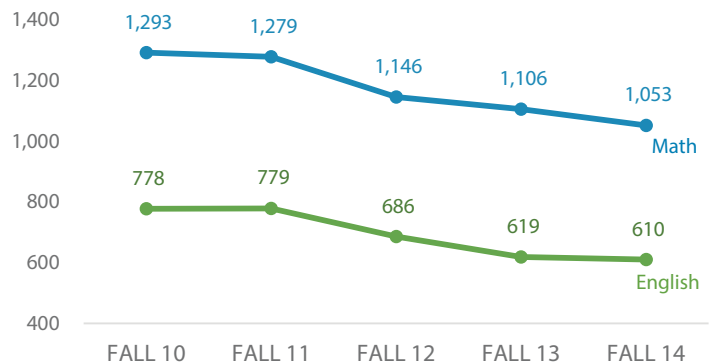
- 33% of the 1,135 underprepared students tested in fall 2014 were NOT ready for both college level Math and English.



STUDENT ENROLLMENT TRENDS

This chart shows the trend for incoming associate of arts and baccalaureate degree-seeking students who enroll in developmental English and/or math each fall semester.

These include students who test as READY for college-level work and self-advise into developmental-level courses.



FALL 2013 ENTERING COHORT MATH PLACEMENT & PROGRESS

1,643 Students
Enter UAA Seeking
AA OR Baccalaureate

ACCUPLACER Results

537 (33%)
READY for
College Level
Math.

1,106 (67%)
NOT READY for
College Level
Math.

*547 not ready for
college level Math
and English; 559 not
ready for Math only.*

PROGRESS WITHIN 1 YEAR

ENROLLMENT FIRST

507 did NOT enroll in Tier 1
College Level Math
Fall Semester (31%).

109 placed & enrolled in
Tier 1 College Level Math
Fall Semester (7%).

260 self advised &
enrolled in Tier 1 College Level
Math Fall Semester (16%).

767 enrolled in
Developmental Math
Fall Semester (47%).

76 enroll in Tier 1
College Level Math within
1 Year (15%).

134 enroll in Developmental Math
within 1 Year (26%).

203 enrolled in other courses
within 1 year (40%).

96 students PASS Tier 1
College Level Math (88%).

13 students FAIL Tier 1
College Level Math (12%).

204 PASS Tier 1
College Level Math (78%).

56 students FAIL Tier 1
College Level Math (22%).

513 students PASS
Developmental Math (67%).

254 students FAIL
Developmental Math (33%).

66 PASS Tier 1 College Level
Math within 1 Year (87%).

10 FAIL Tier 1 College Level
Math within 1 Year (13%).

84 PASS Developmental Math
within 1 Year (63%).

50 FAIL Developmental Math
within 1 Year (37%).

MATH OUTCOMES

Tier 1 College Math
536 PASS (33%)
120 FAIL (7%)

Developmental Math
597 PASS (36%)
304 FAIL (19%)

ENROLLED, but not in
Math courses.

170 students enroll in & PASS
Tier 1 College Level Math (33%).

41 students enroll in & FAIL
Tier 1 College Level Math (8%).

262 students still enrolled at UAA
but have not taken Tier 1 College
Level Math (51%).

DEFINITIONS

- Includes AA and Baccalaureate seekers only
- 1 year = Fall 2013, Spring 2014, Summer 2014, Fall 2014
- Pass = includes A, B, C, D; Fail = F, W, incomplete
- Students taking developmental and college level course were placed in college level course.
- Self-advised = may have SAT / ACT and have chosen to enter Tier 1

FALL 2013 ENTERING COHORT ENGLISH PLACEMENT & PROGRESS

1,643 Students
Enter UAA Seeking
AA OR Baccalaureate

**ACCUPLACER
Results**

1,024 (62%)
READY for
College Level
English.

619 (38%)
NOT READY for
College English.

547 not ready for
College level English
and Math; 72 not
ready for English
only.

ENROLLMENT FIRST FALL

492 did NOT enroll in Tier 1
College Level English
Fall Semester (30%).

468 placed & enrolled in
Tier 1 College Level English
Fall Semester (28%).

214 self advised & enrolled
in Tier 1 College Level English
Fall Semester (13%).

469 enrolled in
Developmental Writing
Fall Semester (29%).

PROGRESS WITHIN 1 YEAR

153 enroll in Tier 1
College Level English
within 1 Year (31%).

16 enroll in
Developmental Writing
within 1 Year (3%).

246 enrolled in other courses
within 1 year (50%).

352 students PASS Tier 1
College Level English (75%).

116 students FAIL Tier 1
College Level English (25%).

176 PASS Tier 1
College Level English (82%).

38 students FAIL Tier 1
College Level English (18%).

363 students PASS
Developmental Writing (77%)

106 students FAIL
Developmental Writing (23%)

140 PASS Tier 1 College Level
English within 1 Year (92%).

13 FAIL Tier 1 College Level
English within 1 Year (8%).

12 PASS Developmental Writing
within 1 Year (75%).

4 FAIL Developmental Writing
within 1 Year (25%).

ENGLISH OUTCOMES

Tier 1 College English
853 PASS (52%)
208 FAIL (13%)

Developmental English
375 PASS (23%)
110 FAIL (7%)

**ENROLLED, but not in English
courses.**

185 students enroll in & PASS Tier 1
College Level English (51%).

41 students enroll in & FAIL Tier 1
College Level English (11%).

92 students still enrolled at UAA
but have not taken Tier 1
College Level English (25%).

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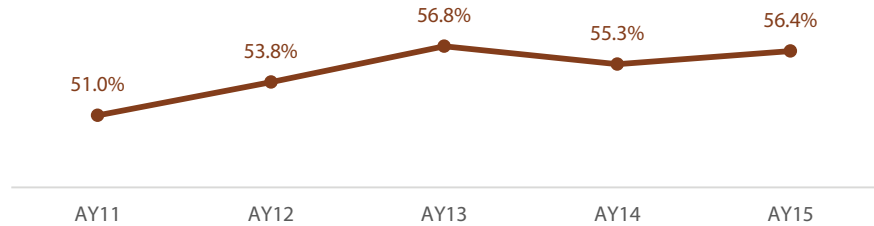
STUDENT PROFILES

Comparing Underprepared Students to Prepared Students in Fall 2014

	PREPARED	UNDER-PREPARED
Associate of Arts	10%	90%
Bachelor's	34%	66%
% Full-time	35%	65%
% Female	28%	72%
% Male	31%	69%
% Age 20-24	11%	89%
% of Minority	23%	77%
% White/Unknown	35%	65%
% Pell Recipient	16%	84%
% UA Scholar	56%	44%
% from Anchorage	33%	67%
% other Alaska	24%	76%
% Outside of Alaska	28%	72%

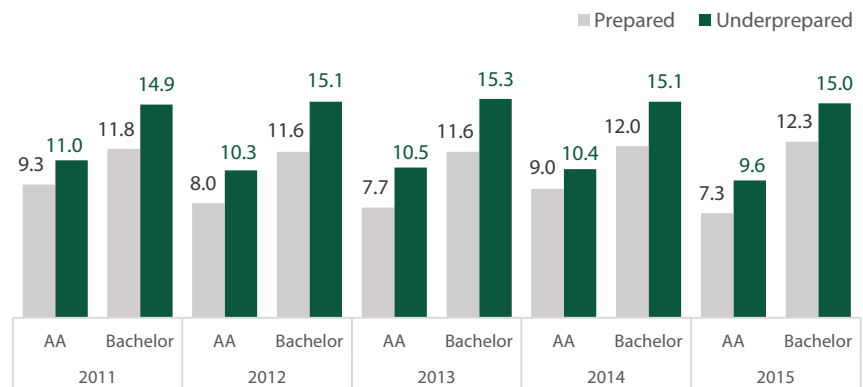
What % of graduates took at least one developmental course?

More than half of students who earned an associate of arts degree or a baccalaureate degree in each of the last five years took at least one of the following developmental courses (Math 050, 054, 055, 060, 105, and/or English preparatory courses, PRPE 070, 076, 080, 084, 086, 107, 108) as part of their coursework.



What is the average semester-to-degree?

On average, underprepared students take **10.5** semesters to complete an associate of arts degree compared to **8.5** semesters for their prepared peers, and **15.1** semesters to complete a baccalaureate degree, compared to **11.9** semesters for their prepared peers.



TRADITIONAL GRADUATION RATE DEFINITION

GRADUATION RATE: The percentage of first-time, full-time undergraduate baccalaureate degree-seeking students enrolled in a given fall semester who earn a degree within six years (150% of the time to complete a four-year degree). The 2015 rate measures the cohort who entered UAA in fall 2009 and completed their baccalaureate degree by August 2015.

8-YEAR RATE: The National Center for Education Statistics compiled data on the 8-year rate (200% of normal time to complete a 4-year degree) in response to the national decrease in the percentage of students attending college full-time. The Center wanted to explore if the extra time generated more graduates.

Comparing Traditional Retention and Graduation Rates

More time matters for those enrolled in developmental education. In 8 years, **25.2%** of these students graduated—nearly matching the 6-year graduation rate of all baccalaureate seekers—and increased the number of graduates by 42%. The 8-year rate for all baccalaureate students is **34.3%**, an increase of 17% over the 6-year rate.

6-YEAR GRADUATION RATES

