



Early College

Academic Affairs Faculty Forum

March 6, 2019 • 3–4:30 p.m. • Bangor Room, Memorial Union



Overview: Higher Education Challenge in Maine

- Maine performs well in graduating students from high school but lags behind much of the U.S. in post-secondary educational attainment
- Most jobs in near future will require a college education: increasing skill gap between available jobs and skills needed for those jobs
- Students/parents fear taking on college debt—question whether college is worth the investment



University of Maine System/Board of Trustees: Declaration of Strategic Initiative

Goal #2:

Increasing Maine Educational Attainment

Action #2:

- Expand early college and related programs to reach a participation rate of 5,000 high school juniors and seniors by 2022
- Provide opportunities for at least half of all Maine students to graduate from high school with an Associate degree or equivalent credits by 2025
- Enhance all student's educational goals and reduce their reliance on student debt

Initial State investment in UMS: \$3.1M (FY18; FY19)

UMaine Goals (as the flagship campus)

- Maintain academic integrity
- Increase enrollments—attract more Maine high school students to UMaine
- Support persistence from freshman to sophomore year/ retention strategy
- Invest in key strategic areas





UMaine Grant: \$290K

- Hutchinson Center –STEM/Waldo County
- Bryant Pond–Outdoor Leadership/Oxford County
- Math–MAT122
- EC infrastructure (eg. marketing, outreach to high schools, staffing)





Goals for our UMaine Programs

- Academic integrity
- Broaden access to entire State
- Increase college aspirations of underserved communities and first generation students
- Build confidence in students who might otherwise not consider themselves college-ready
- Provide multiple layers of support to ensure success
- Ensure a positive experience for all stakeholders



Overview and History of Early College at UMaine

- EC is not new to UMaine – DLL launched the Academ-*e* program in 2006—first campus in the state to deliver a distance education early college experience to HS students in the State
 - Fall 2006: 7 Academ-*e* courses, 122 EC students
 - Spring 2019: 24 Academ-*e* courses, 306 EC students

Current UMaine programs

- Academ-*e*
- Aspirations
- Bridge Year Program
- Dual Enrollment



Academ-*e*

- Academ-*e* provides high school students the opportunity to take college courses online taught by UMaine faculty
- UMaineOnline courses are set up with an Academ-*e* section

Examples: LDR 100: Foundations of Leadership

AST 109/110: Introduction to Astronomy



Academ-e



Course is delivered online

UMaine  online





Aspirations

- Aspirations program provides high school students the opportunity to take college courses taught by UM faculty
- EC student is enrolled in a regular course section (live, VC or online)

Examples: MAT 122: Pre-Calculus

PSY 100: General Psychology

BIO 200: Biology of Organisms

ENG 205: Creative Writing

MUY 101: Fundamentals of Music

VOX 105: Beginning Spoken Irish Gaelic I

CMJ 103: Public Speaking



Aspirations



**Course is delivered
Live on campus**



OR



**Course is delivered
online through
UMaineOnline**





Dual Enrollment Partnership

- Students take UM courses taught by high school teacher in the HS
- Courses follow high school academic calendar for a semester or full academic year
- HS teacher approved by UM department and UM faculty of record
- Site visit and oversight by UM faculty

Examples: FRE 101: Elementary French I and FRE 102: Elementary French II, Monmouth Academy
INV 121: Fundamentals of Innovation Engineering, Camden Hills Regional HS



Bridge Year

- Administered by non-profit Bridge Year Education Program
- Students take UM courses while attending regional Career and Technical Education (CTE) Center
- UM courses taught over full high school academic year
- HS teacher approved by UM department and UM faculty of record

Examples: MEE 120: Engineering Graphics & Computer Aided Design, Presque Isle Regional CTE
PHY 105: Descriptive Physics, Nokomis High School



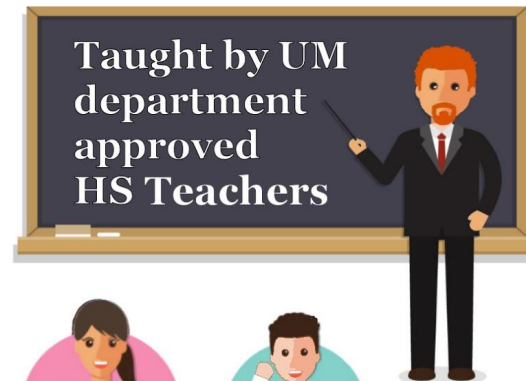
Dual Enrollment/Bridge Year



**Course
is developed
by University
Faculty**



**Course is delivered
in HS/CTE centers**





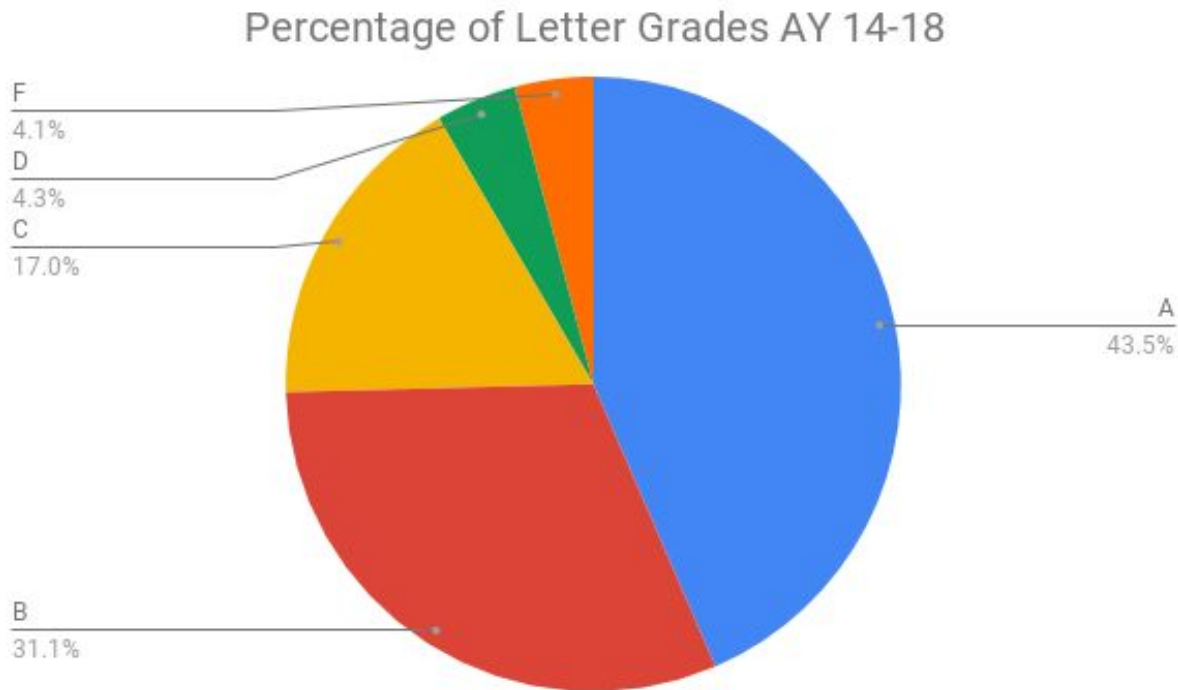
Student profile

Qualifications and criteria – application process

- B average, other approved assessment
- Guidance recommendation
- Need parent consent
- JR/SR standing preferred, FR/SO upon exception
- All course requests vetted and approved by Early College team



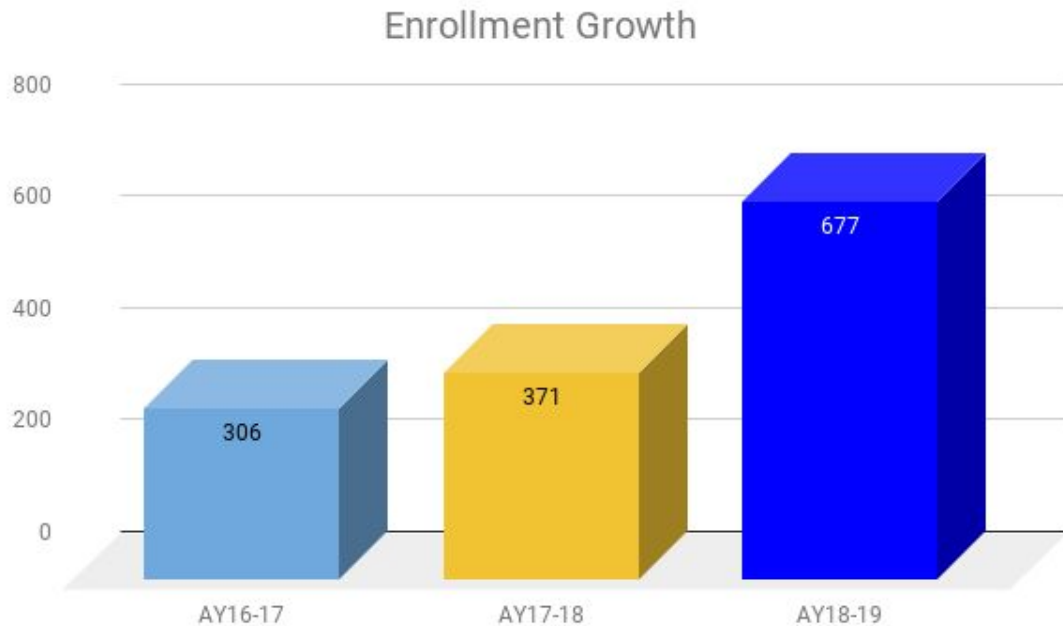
Student performance





Enrollment growth

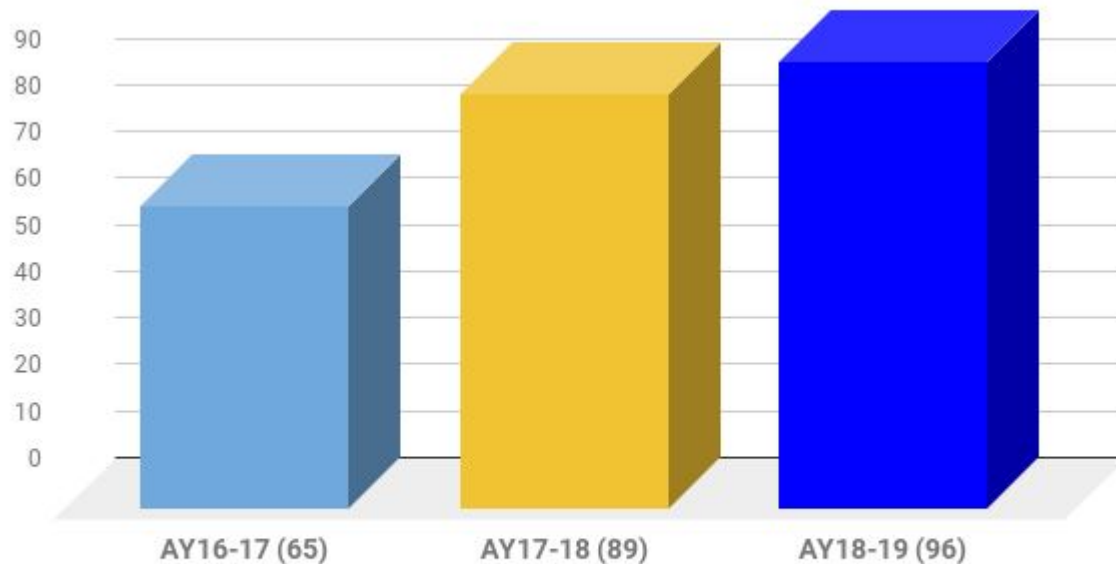
- AY16–17: 306
- AY17–18: 371
- AY18–19: 677 (as of 2/20/19)
- Overall Early College growth: 121%





Partnerships

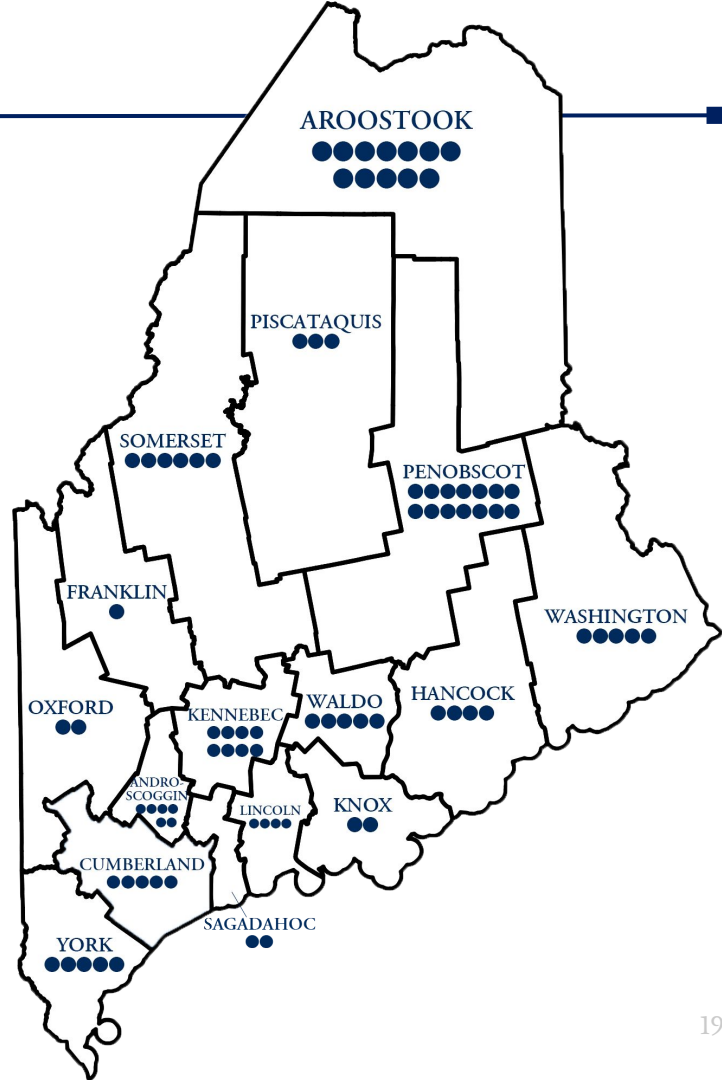
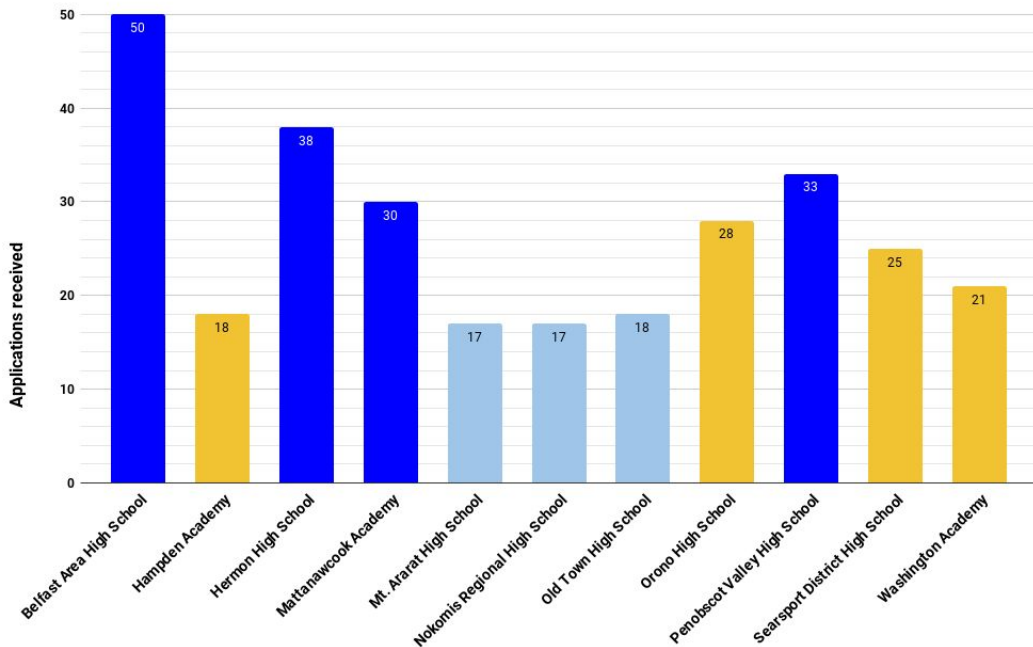
- AY16–17: 65
- AY17–18: 89
- AY18–19: 96
- Growth over 3 years: 47.7%



3 Yr Growth of Participating HS

Partnerships

AY 18-19 Top Participating High Schools



Benefits to students

- More likely to graduate high school, enroll in college, and earn college degree
- Enhances the high school curriculum (especially in under-resourced areas)
- Opportunity to explore interests or field of study before entering college
- Improve study skills, increases confidence, lessens anxiety about transition to college
- More likely to persist to second year and earn a degree in 4 years
- Lowers college debt



Benefits to UMaine

- Builds awareness and excitement of all that UM has to offer
- Attracts top-tier high school students
- Supports UMaine mission of outreach to all parts of the State
- Supports the Think 30 and First Year Success initiatives
- Supports UM's goal to reduce our students' college debt



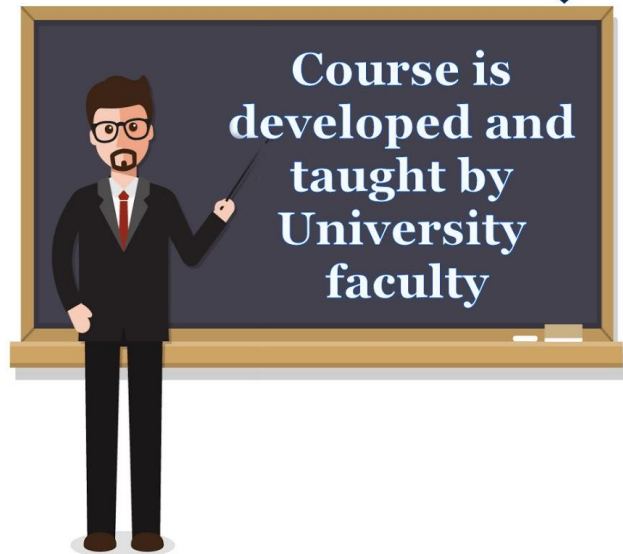


New EC initiatives under consideration

- Development of **EC tracks/guided pathways** aligned to specific fields of study. Goal is to build a credential of value that can be earned while in high school and grow enrollment and matriculation into UMaine degree programs.
- **Academ-e HS** – This proposed model of enrollment is a subset of *Academ-e*. Courses taught online by UMaine faculty and supported in a high school setting by high school teachers. *Academ-e HS* is a low-cost, scalable model for making college courses accessible to students in rural high schools and secondary career and technical centers.



Academ-e HS



Course is delivered
online through
UMaine  online





Questions & Discussion

umaine.edu/earlycollege