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.
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
Early College

Course is developed and taught by University faculty.

Course is delivered online.

UMaineOnline
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
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Aspirations

Course is developed and taught by University faculty

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
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Dual Enrollment/Bridge Year

Course is developed by University Faculty

Course is delivered in HS/CTE centers

Taught by UM department approved HS Teachers
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
Percentage of Letter Grades AY 14-18

- A: 43.5%
- B: 31.1%
- C: 17.0%
- D: 4.3%
- F: 4.1%

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%
Early College

Partnerships

AY 18-19 Top Participating High Schools

<table>
<thead>
<tr>
<th>School</th>
<th>Applications Received</th>
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<tbody>
<tr>
<td>Baxter State High School</td>
<td>59</td>
</tr>
<tr>
<td>Hampden Academy</td>
<td>38</td>
</tr>
<tr>
<td>Presque Isle Academy</td>
<td>30</td>
</tr>
<tr>
<td>Mt. Ararat High School</td>
<td>17</td>
</tr>
<tr>
<td>Memonica Regional High School</td>
<td>17</td>
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<tr>
<td>Old Town High School</td>
<td>18</td>
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<tr>
<td>Orono High School</td>
<td>28</td>
</tr>
<tr>
<td>Presque Isle Valley High School</td>
<td>33</td>
</tr>
<tr>
<td>Searsport District High School</td>
<td>25</td>
</tr>
<tr>
<td>Washington Academy</td>
<td>21</td>
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</tbody>
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State Map
Early College

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.
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Academ-e HS

Course is developed and taught by University faculty

Course is delivered online through UMaineOnline

High school teachers support students in the HS classroom
Questions & Discussion

umaine.edu/earlycollege