

## UVU BOARD OF TRUSTEES

January 29, 2026

4:00pm Gateway Building

### Board of Trustee Members Present

Scott Smith, Chair  
Jeanette Bennett, First Vice Chair  
Bradley Herbert  
Shauna Smith  
Jared Finch  
Andrea Clarke  
Kyle Cullimore

### UVU Attendees

Astrid S. Tuminez, President  
Wayne Vaught, Provost  
Kat Brown, Deputy Provost  
Kyle Reyes, Vice President, Institutional Advancement  
Christina Baum, Vice President, Digital Transformation  
Jim Mortensen, Vice President, Finance  
Marilyn Meyer, Vice President, People & Culture  
Val Peterson, Vice President, Administration & Strategic Relations  
Michelle Kearns Vice President, Student Affairs  
Kara Schneck, Vice President of Marketing and Communications  
and Chief of Staff  
Clark Collings, General Counsel  
Rasha Qudisat, Chief Engagement & Effectiveness Officer  
Nikki Scott, PACE President  
Evelyn Porter, Faculty Senate President  
Keith Mulberry, Interim Dean, College of Engineering & Tech  
Rawan Al-Nsourm, Associate Professor, Mechatronics  
Jenny Christensen, Legal Secretary

### Others Present

TJ Bliss, USHE Associate Commissioner  
Nathan Savage, UVU Foundation Chair

## I. CALL TO ORDER

Chair Scott Smith welcomed those in attendance at the January 29, 2026, Board of Trustees meeting. He recognized TJ Bliss, Associate Commissioner of the Utah System of Higher Education and welcomed President Tuminez.

## II. INFORMATION

### 1. UVU AI Data Presentation

Chief Engagement & Effectiveness Officer Rasha Qudisat presented a year-over-year update on AI adoption and impact, using the developmental evaluation framework developed by Michael Patton to guide continuous assessment and adaptation. The presentation measured employee enablement and productivity as well as student academic use of AI. Employee survey data (approximately 200 randomly sampled annually, 25–28% response rate, 4% margin of error) shows AI usage increasing from 61% to 76%, approaching the 80% benchmark considered the maturation phase in higher education. Usage patterns are shifting from occasional experimentation to regular, habitual use, with corresponding gains in productivity. Among students, usage in academic work remains stable. Across campus, more than 3,000 AI learning opportunities are available, and Ask Wilson is integrated into 26 courses serving more than 1,800 students in Fall 2025. Overall, the institution is moving from AI curiosity toward sustained adoption and maturation, guided by ongoing data collection and adaptive strategy.

### 2. President's Report

President Tuminez reported on several major institutional milestones and outcomes. She highlighted recent ribbon cuttings for the Fintech Center powered by Charles Schwab and the Scott M. Smith Engineering Building, noting the significant impact of the new engineering facility, which serves UVU's largest college by enrollment. She emphasized progress on statewide attainment goals, including leading the Utah System of Higher Education in enrollment share (3,782 enrollments), improving the eight-year graduation rate from 36% to 48%, and producing 9,085 graduates in high-demand, high-yield fields—the

highest in the state. She also reviewed previously funded legislative items supporting the Center for Constitutional Studies and the Herbert Institute of Public Policy, Utah Debates, and the Utah Fire and Rescue Academy, as well as \$2.5 million in RFA funding for UVU Workforce 2034.

President further addressed affordability and student support, noting nearly \$89.4 million in external scholarship and grant revenue, more than 20,000 students receiving scholarships or waivers, and significant private scholarship awards, including Maurice R. Greenberg Scholarships. A majority of undergraduates receive grants, scholarships, or reduced tuition, underscoring UVU's commitment to access. She provided an update on the EverGREEN campaign, which has reached \$254.4 million in 2025, generating substantial growth in scholarships, programs, facilities, donor engagement, and endowment value, which has increased significantly since FY19. She concluded by previewing Homecoming, February 2–7, 2026, and expressed her gratitude to the campus community.

### **3. USHE 2025 Program Report**

Associate Commissioner TJ Bliss presented the Utah System of Higher Education 2025 Program Report, which has been shared with each institution in the system. He reviewed statewide trends in new and discontinued degrees, including the impact of HB 265, and examined how institutions are aligning programs in response. He noted that UVU leads the state in the number of new degrees and degree continuances and highlighted the primary instructional areas where UVU's new programs compare with statewide patterns. He also reviewed trends in new and discontinued certificates at UVU and across the system, as well as the overall ratio of new programs to discontinuances to provide context for program growth and alignment.

### **4. Audit Committee Report**

Trustee Andrea Clarke reported on the recent Audit Committee meeting, noting that the University's annual audit conducted by state auditors returned clean, unmodified results with no recommendations. The UVU Foundation audit likewise came back clean. The committee reviewed new auditing standards and overall financial health, including internal audit work across campus focused on risk assessment, campus safety, cybersecurity (scheduled for review this year), and continuous improvement efforts. They discussed discretionary expenditures related to the Sundance property acquisition and continued work addressing admission fraud prevention. President's travel was reported as minimal and within budget, and the committee also reviewed legal and management risk updates. Trustees Olson, Modersitzki, and Chair Smith will attend and report on UVU at an upcoming Board of Higher Education audit committee meeting. Overall, the report reflected strong fiscal oversight, compliance, and alignment with UVU's mission to develop champions in competition, in the classroom, and in life.

### **5. Discussion of Outside Support for Academic Programs**

Chair Scott Smith added a discussion on outside support for academic programs, highlighting concerns about student placement in their fields, workforce trends, and program success. He and Vice-Chair Jeanette Bennett emphasized the need for a more rigorous program approval process to ensure programs align with student and workforce needs, reduce unnecessary deletions, and better support student success.

### **6. Trustee Considerations for a New President for UVU**

Chair Scott Smith added a discussion on trustee considerations for selecting a new UVU President. He noted that the board will play an active role in providing input, suggestions, and criteria to the 9-person USHE-appointed search committee, which includes UBHE members, UVU trustees, and staff. Trustees are encouraged to review the current president's work, discuss priorities for the role, and finalize guidance to support the search and selection process.

## **III. CLOSED SESSION**

Vice-Chair Bennett motioned to enter closed session to discuss the purchase, exchange, or lease of real property, a proposed development agreement, project proposal, or financing proposal related to the development. Trustee Bradley Herbert seconded. The motion was carried out without opposition.

#### IV. ACTION AGENDA

##### **1. Property Approval**

Trustee Jared Finch motioned to approve the following as presented: 1) The purchase of real property at Sundance, 2) The spend of over \$1 million, 3) The revision of the Triple I budget, and 4) the expansion of Triple I funds for capital improvement. Trustee Jeanette Bennett seconded. The motion was carried out without opposition.

##### **6. Program Approvals**

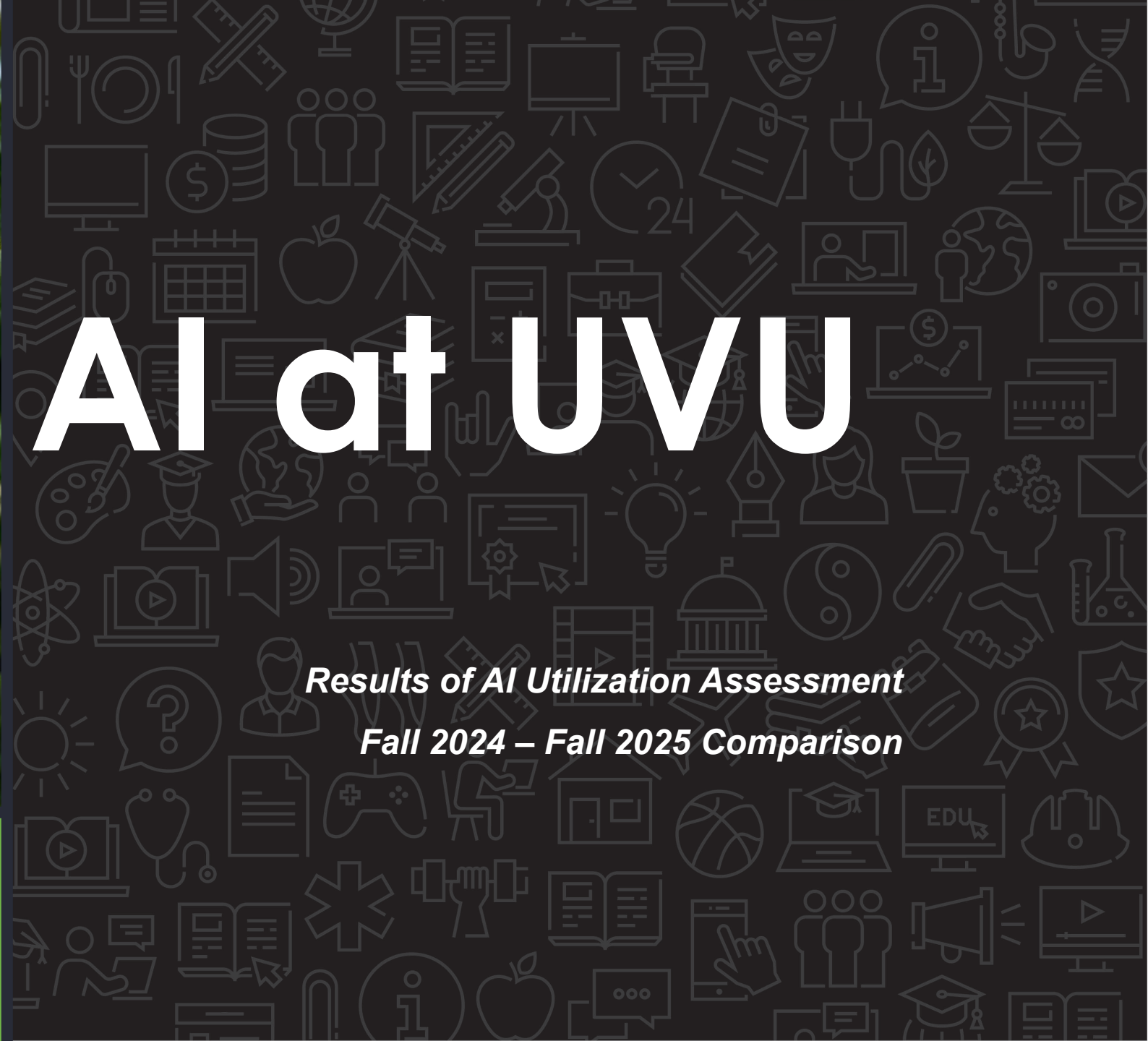
Provost Wayne Vaught addressed two new programs being proposed, which are Mechatronics Engineering Technology – Automation and Electrical Technology Emphasis, A.A.S. and Mechatronics Engineering Technology – Mechatronics Emphasis, A.A.S. Program director Rawan Al-Nsourm and Interim Dean Keith Mulberry were present and provided further information on the programs. Trustee Jared Finch motioned to approve the programs as presented. Trustee Shauna Smith seconded. The motion was carried out without opposition. Wayne noted that the Cybersecurity, M.S. program modification on the agenda was approved at the December 4 meeting.

#### IV. CONSENT CALENDAR

Trustee Kyle Cullimore motioned to approve the consent agenda, which included the minutes of the December 4, 2025, Board Meeting; and the October 2025 Investment Report. Trustee Jared Finch seconded. The motion was carried out without opposition.

Chair Scott Smith expressed his thanks and adjourned the meeting.

# AI Data Presentation



# AI at UVU

*Results of AI Utilization Assessment*

*Fall 2024 – Fall 2025 Comparison*

## Assessment highlights

Random Sample Employees  
Students enrolled in courses with Ask Wilson access.



# 25%

Response rate

Random sample of 2000 employees, margin of error is 4.0%, Faculty and staff response rates are 15% and 26% respectively

# +700

Ask Wilson users feedback

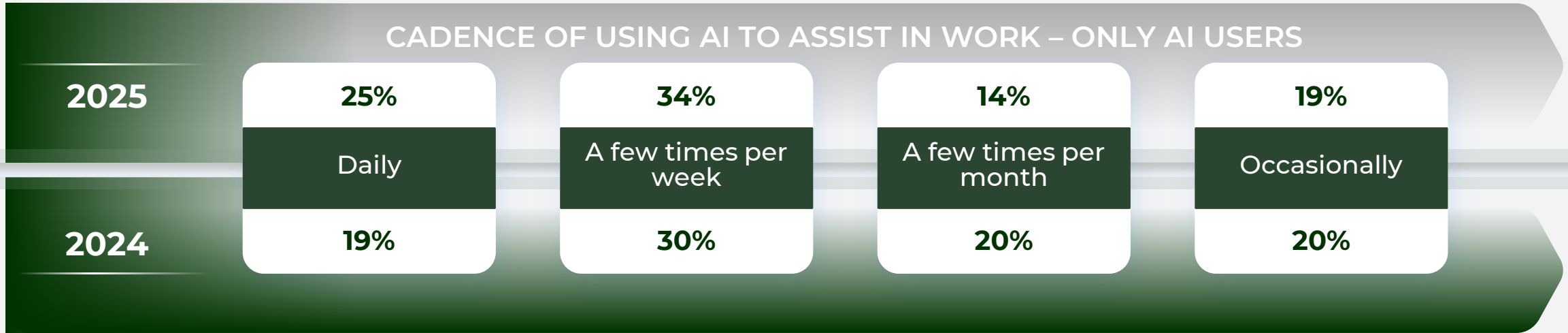
Quantitative and Qualitative Evaluation of Ask Wilson using pre- and post-survey, feedback, and regression analysis – in progress

# +3,000

AI learning opportunity

Academic Affairs, People and Culture, LinkedIn Learning, External opportunities. Continuous tracking is in progress.

## CADENCE OF USING AI TO ASSIST IN WORK – ONLY AI USERS



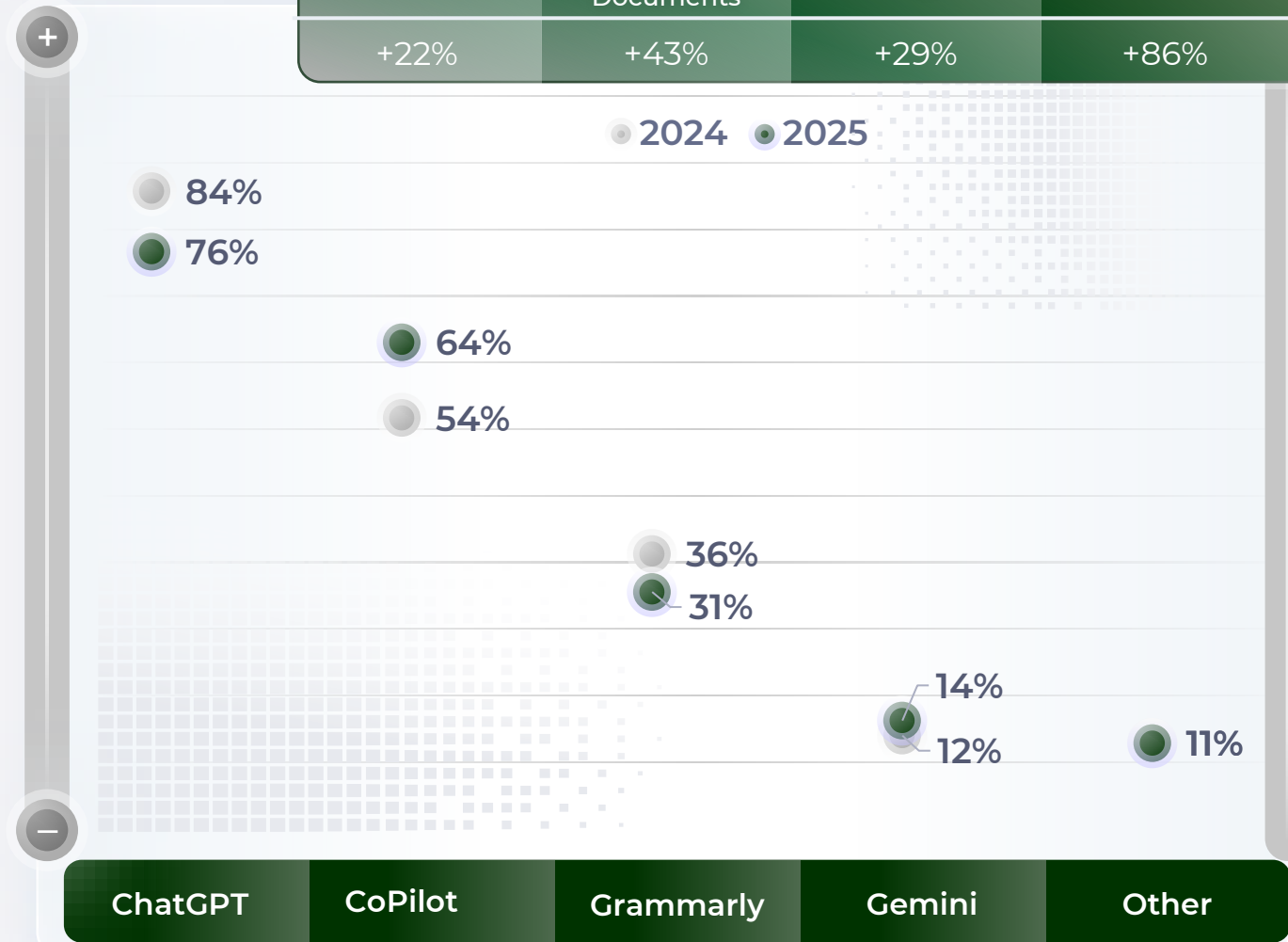
## EMPLOYEES USED AI TO ASSIST IN WORK RESPONSIBILITIES



# ACCESS AND TOOLS - EMPLOYEES

## Tasks used AI for work

Brainstorming	Revise, Create, and Summarize Documents	Generate Images	Data Processing	Generate Code
+22%	+43%	+29%	+86%	+19%



CoPilot Free Version

Access for ALL

154

CoPilot Licenses

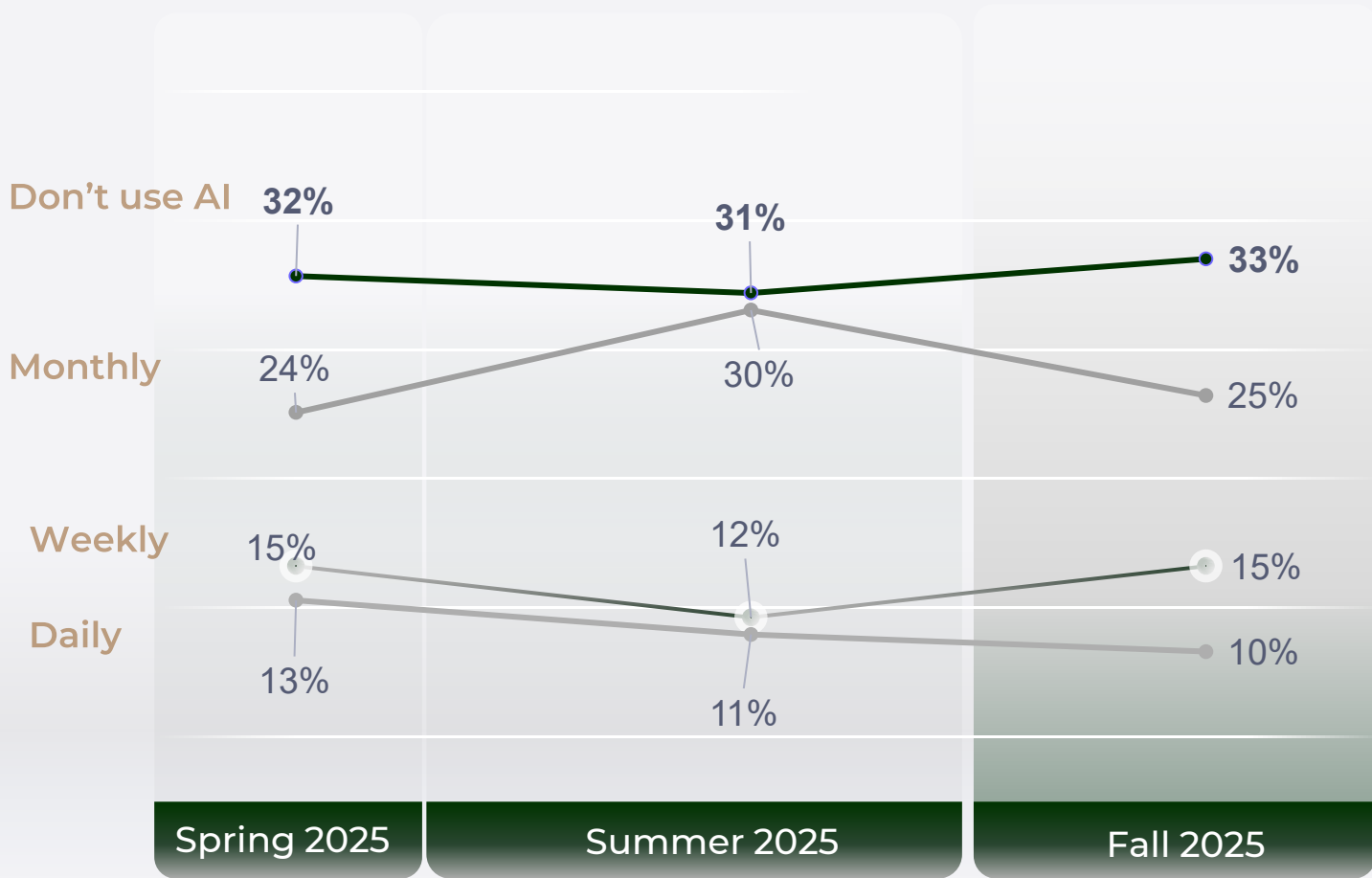
+ 175% (Since July 24)

51

ChatGPT Licenses

Current Deployment

# STUDENTS - HOW OFTEN DO YOU USE AI IN YOUR ACADEMIC WORK?



Student Opinion Survey

## Ask Wilson

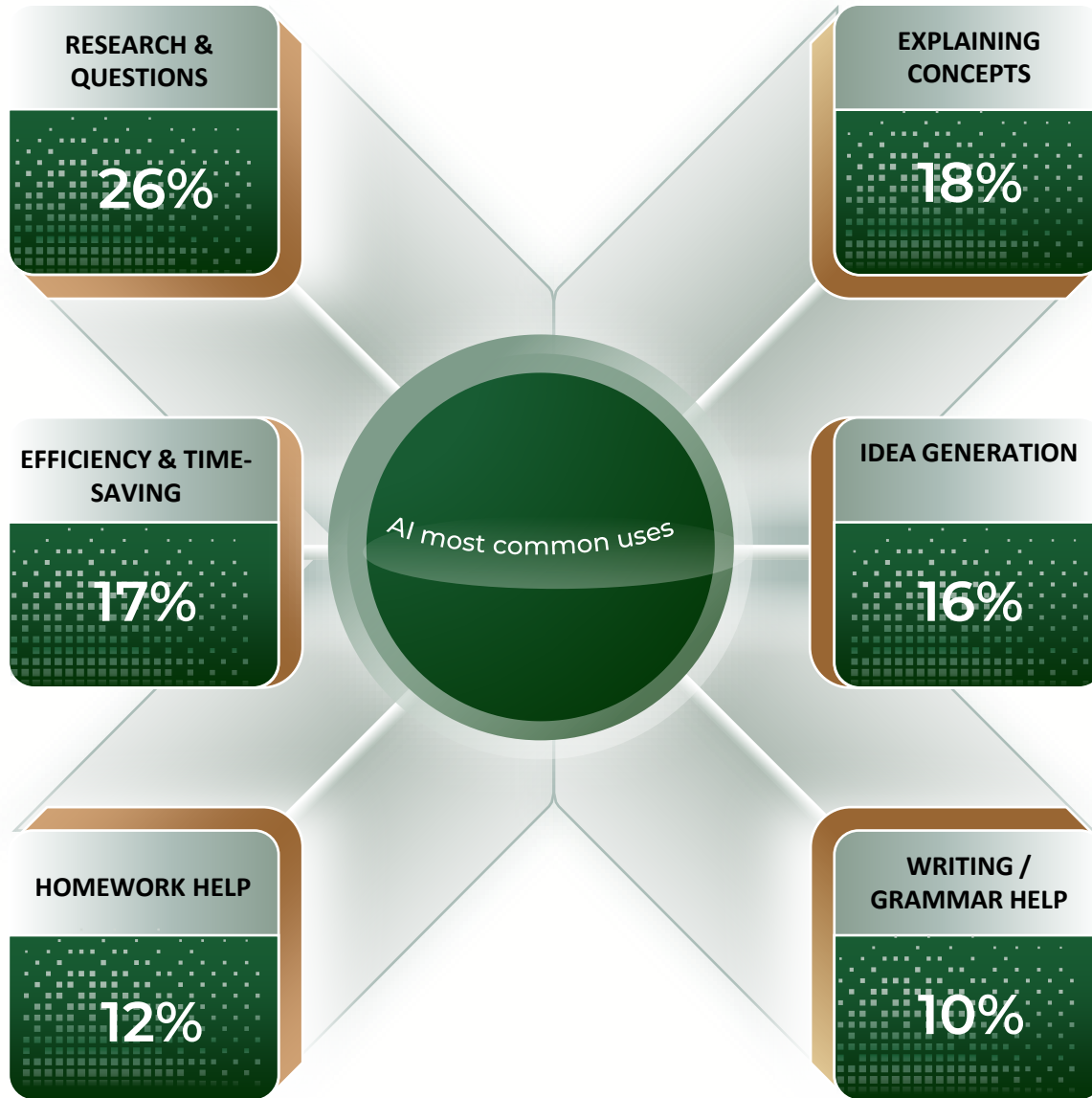
?%

Courses

?%

Sections

# STUDENTS' MOST COMMON USE OF AI



## STUDENT TOOL PREFERENCES

ChatGPT	71%
Other Tools	13%
Gemini	9%
CoPilot	7%



# AI BARRIERS TO USE AI

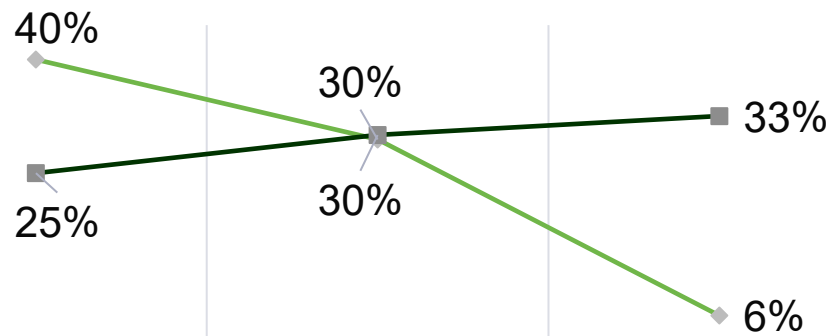
While 80% remain satisfied with AI, "very satisfied" ratings declined from 23% to 15%. This pattern suggests AI is transitioning from novel magic to a useful but imperfect tool.

## Cautious Sentiment

**75%**  
Employees expressing skepticism or concern about AI adoption

### FACULTY

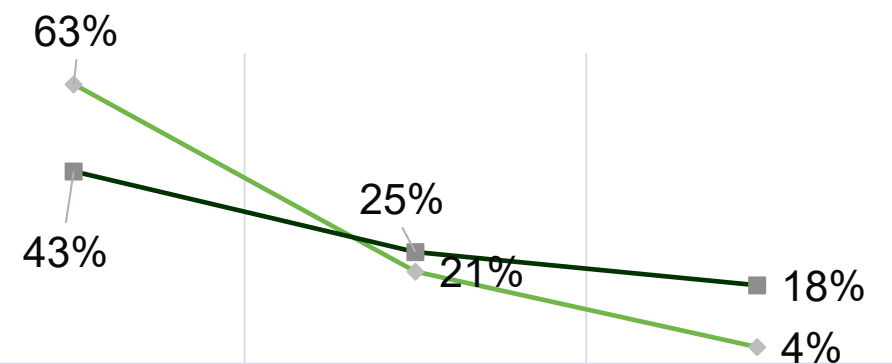
◆ 2024 ■ 2025



AI LITERACY    ACCURACY AND QUALITY    ETHICS

### STAFF

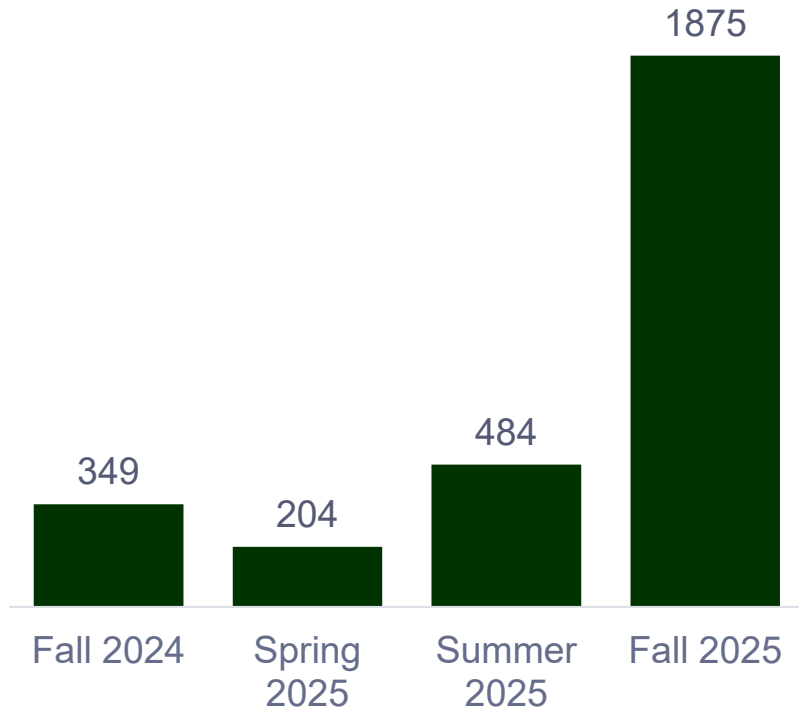
◆ 2024 ■ 2025



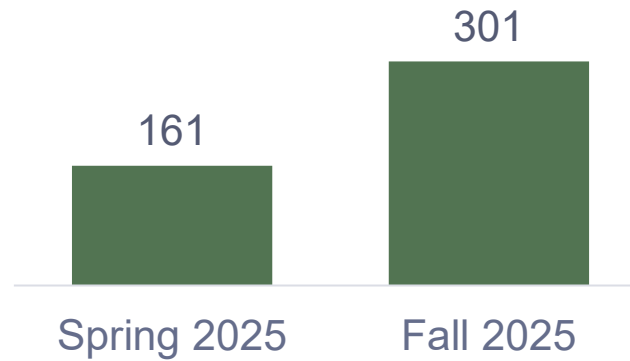
AI LITERACY    ACCURACY AND QUALITY    ETHICS

# AI Capacity Building

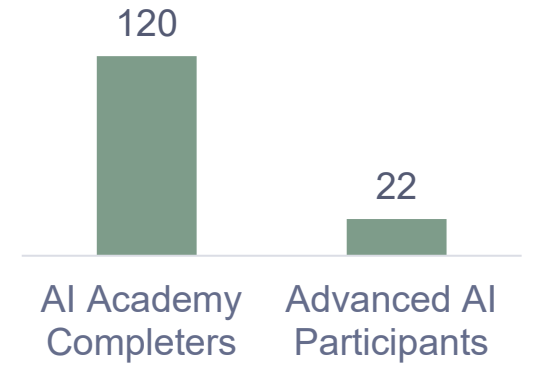
## LINKEDIN LEARNING AI COURSES



## AI IN ACTION PROGRAM

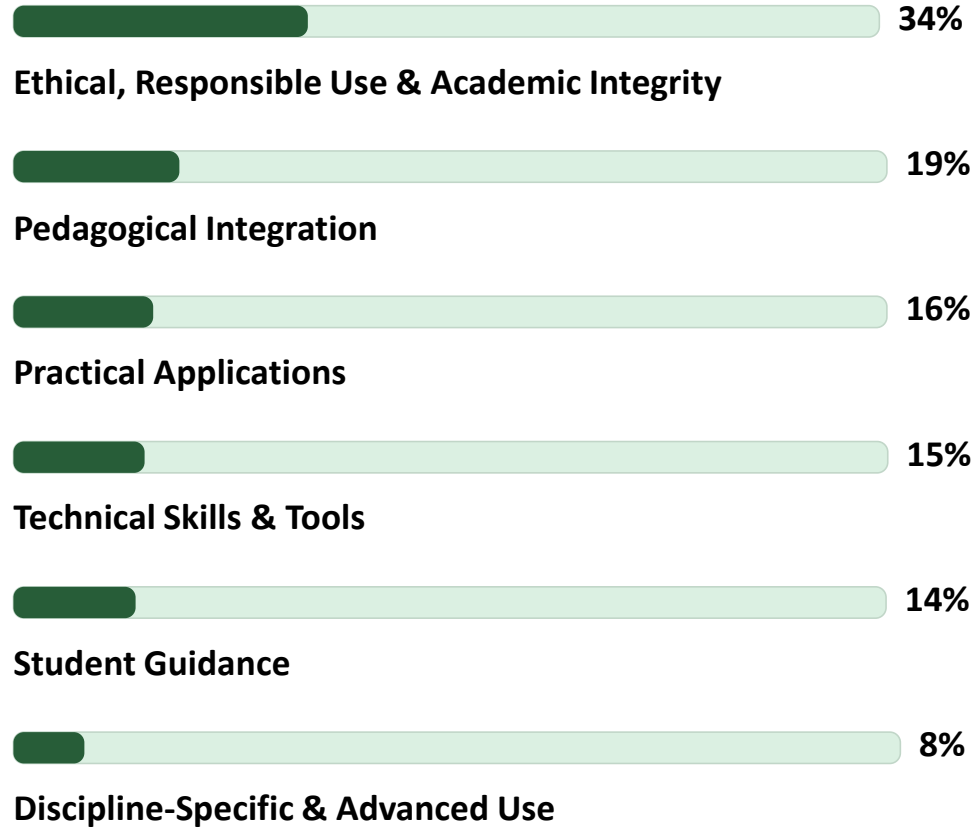


## OTL AI TRAINING

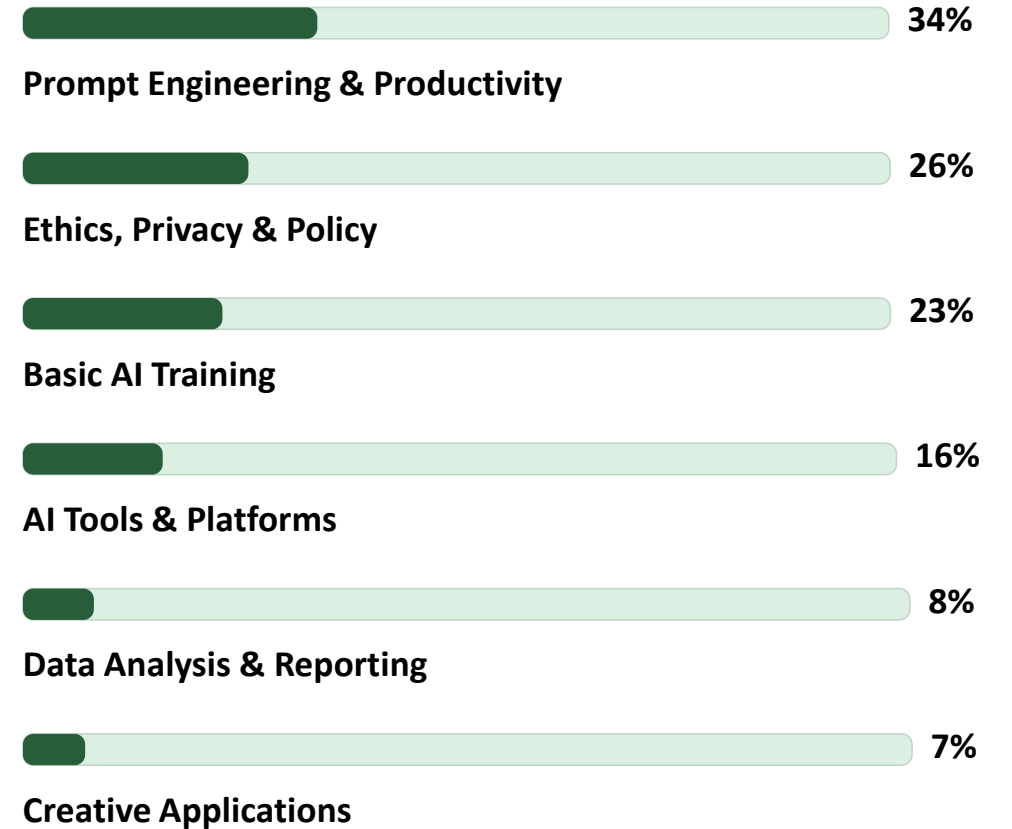


# Training Priorities by Audience

## Faculty Training Requests

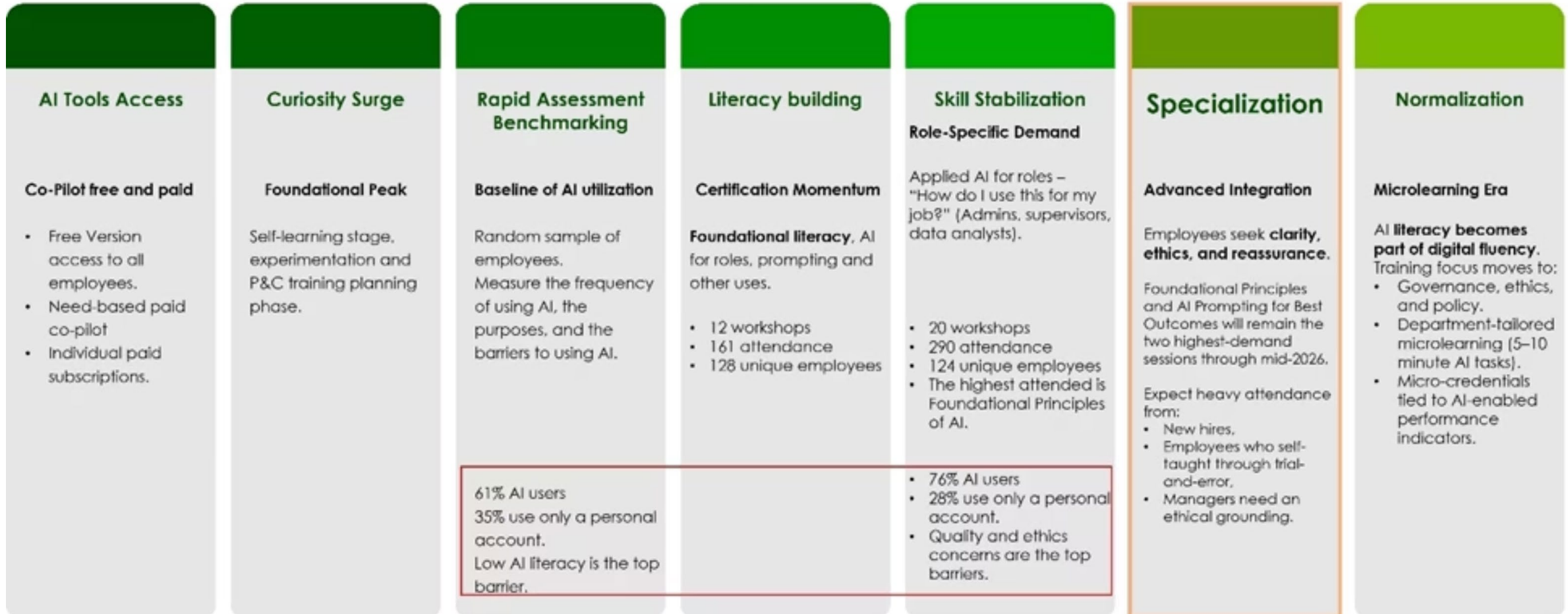


## Staff Training Requests

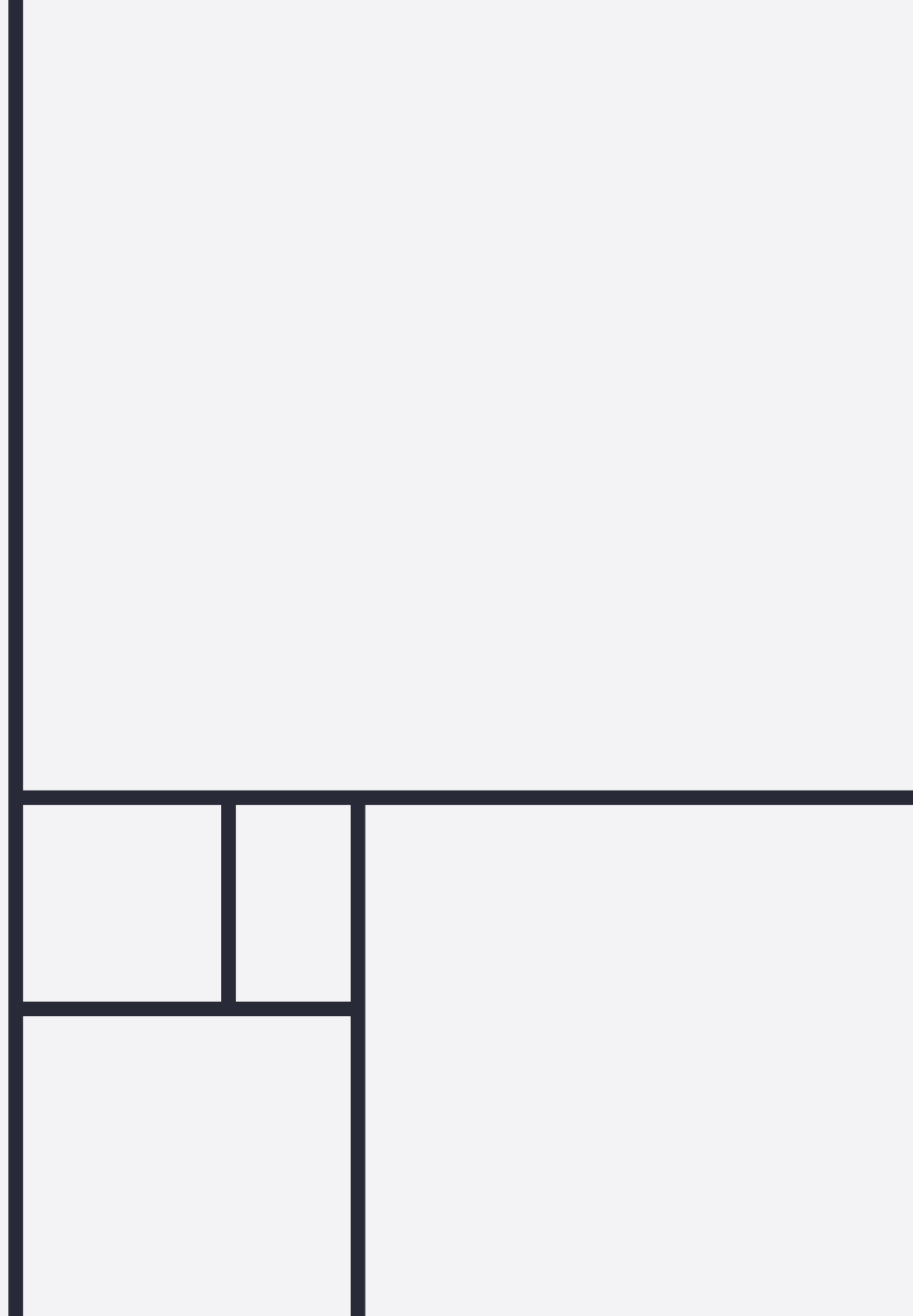


# AI Training Plans

Spring 2026



# Discussion



# President's Report



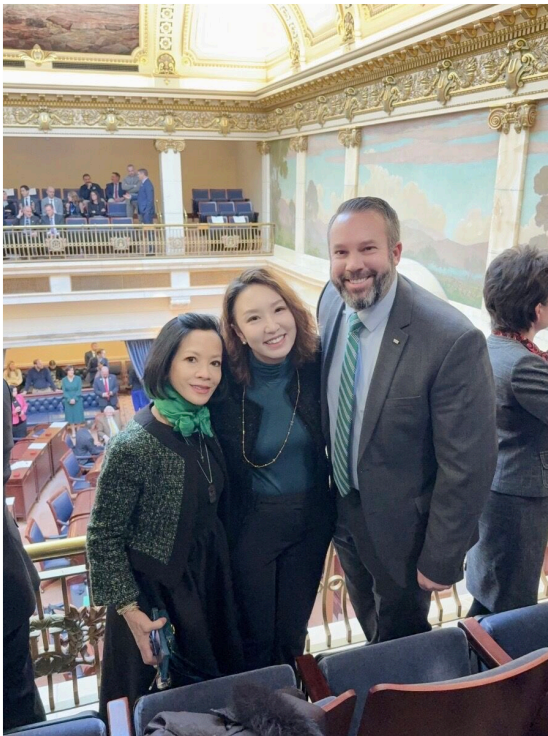
Utah Valley University  
President Astrid S. Tuminez  
January 29, 2026

# UNIVERSITY REPORT

Board of Trustees



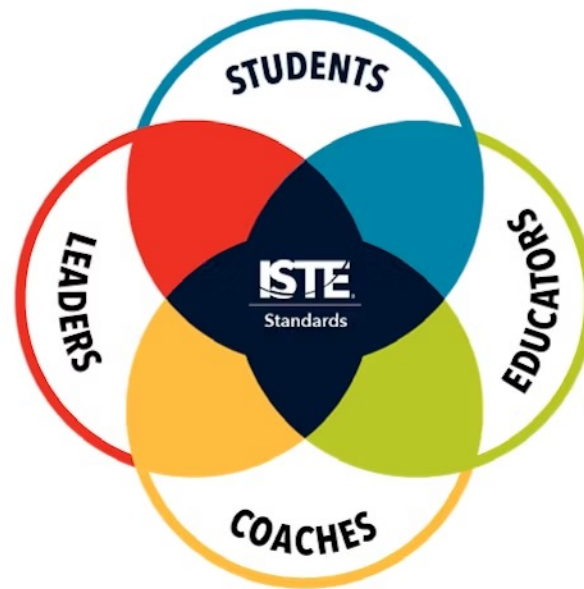
# FINTECH CENTER POWERED BY CHARLES SCHWAB



# SCOTT M. SMITH ENGINEERING BUILDING



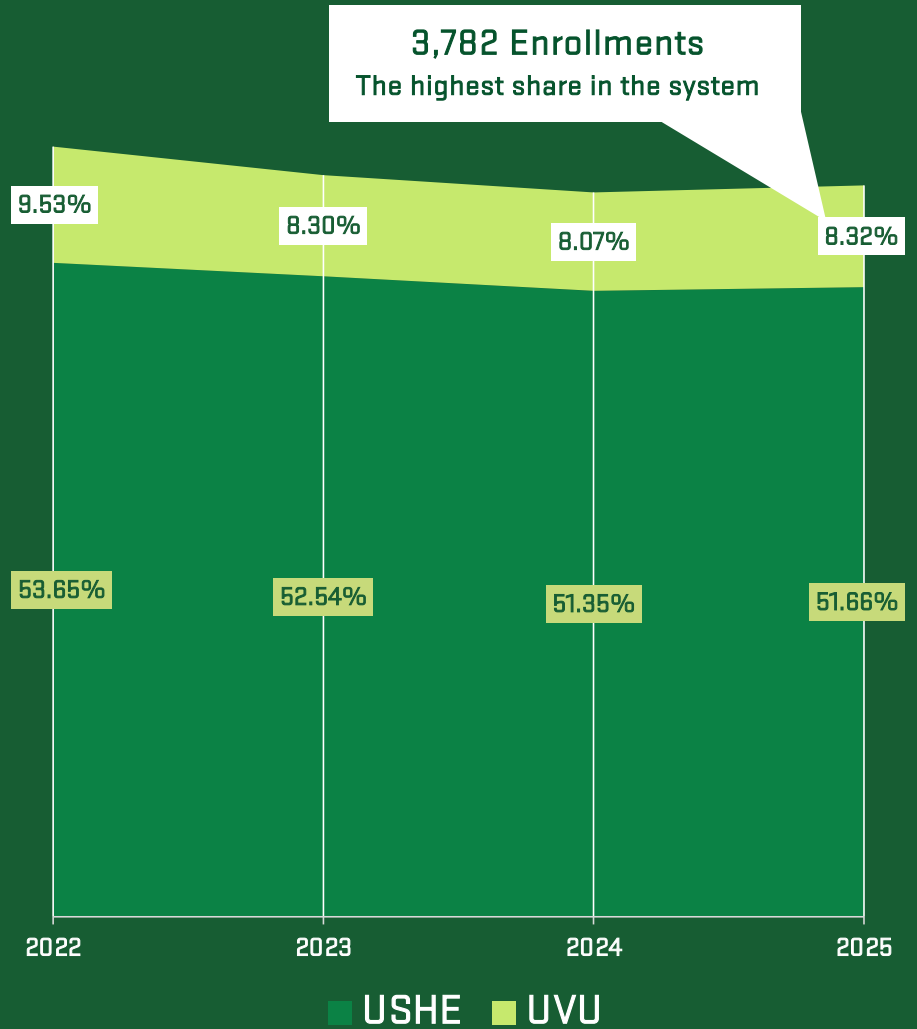
# UVU Among First Universities To Adopt ISTE Faculty Standards



A woman with blonde hair, wearing a pink shirt and green overalls, is watering a large, bushy plant with variegated green and white leaves. She is holding a black watering can and pouring water onto the plant. The setting is a greenhouse or nursery with a metal table in front of her. In the background, there are shelves with various plants and a calendar on the wall. A green text box is overlaid on the right side of the image.

# MEETING PERFORMANCE FUNDING METRICS

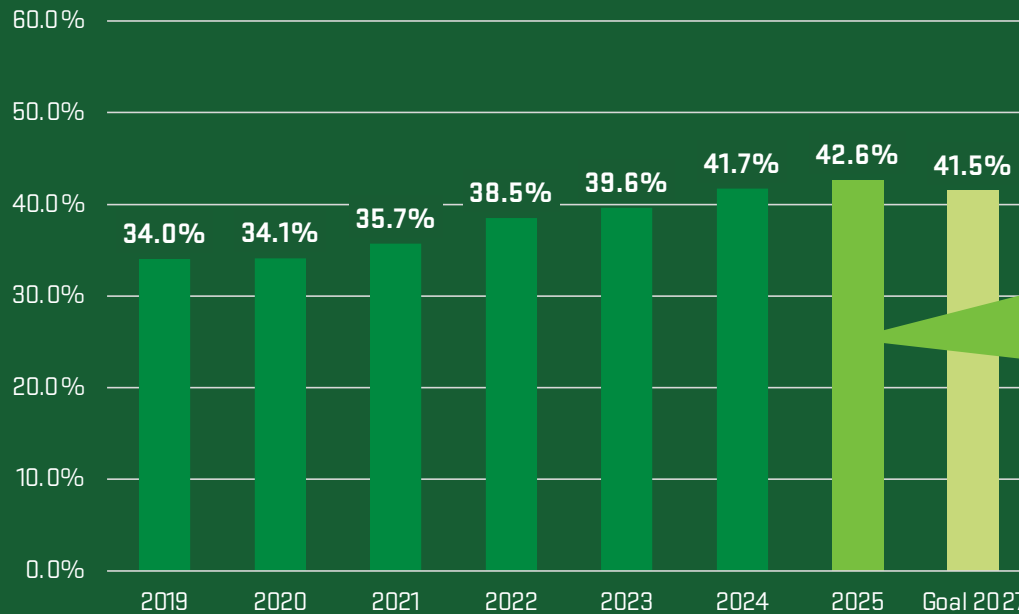
# STATEWIDE ATTAINMENT GOAL: ACCESS



# STATEWIDE ATTAINMENT GOAL: TIMELY COMPLETION

Timely Completion: Share of awards completed within 1.5 time (*e.g., 6 years for bachelor's*)

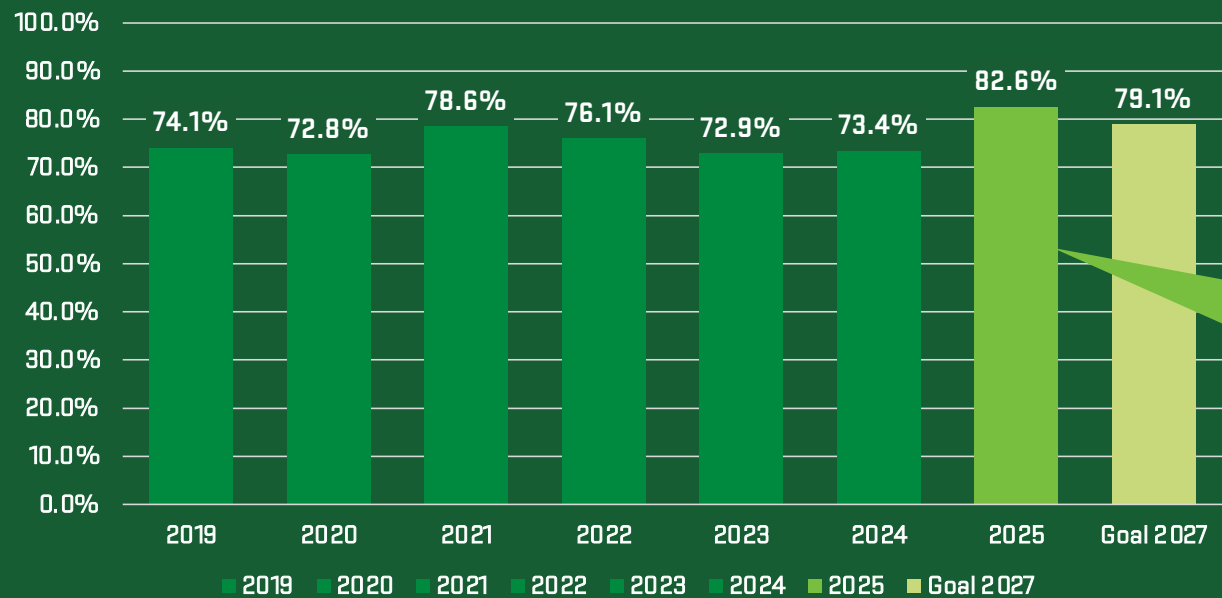
## UVU - All Students



8-Year Graduation  
Outcome Measure  
(All Students) from Past Eight  
Years Increased From  
**36%** to **48%**.

# STATEWIDE ATTAINMENT GOAL: HIGH YIELD AWARDS

UVU - All Students



**76.3% of USHE** students in 2025 graduated in high-demand, high-yield fields.

**9,085 High-Yield UVU Graduates** - the highest amount of high-yield graduates in the State.

# PREVIOUS GENERAL SESSION FUNDED ITEMS



## Center for Constitutional Studies & Herbert Institute of Public Policy

### Federalism Amendments

- \$568K Ongoing
- \$350K One-time



## Herbert Institute of Public Policy

### Utah Debates \$300K One-time



## Utah Fire and Rescue Academy

### Firefighter Cancer Screening \$3.7M Ongoing

**RFA - \$2.5M for  
UVU Workforce 2034**



# AFFORDABILITY





Tuition Revenue from External Scholarships/Grants:

**\$89,440,786**

Students on Scholarships/Waivers:

**20,263**

Students awarded a private scholarship in 2024-25:

**1,415**

FY 2024-25

**Maurice R. Greenberg Scholarships:**

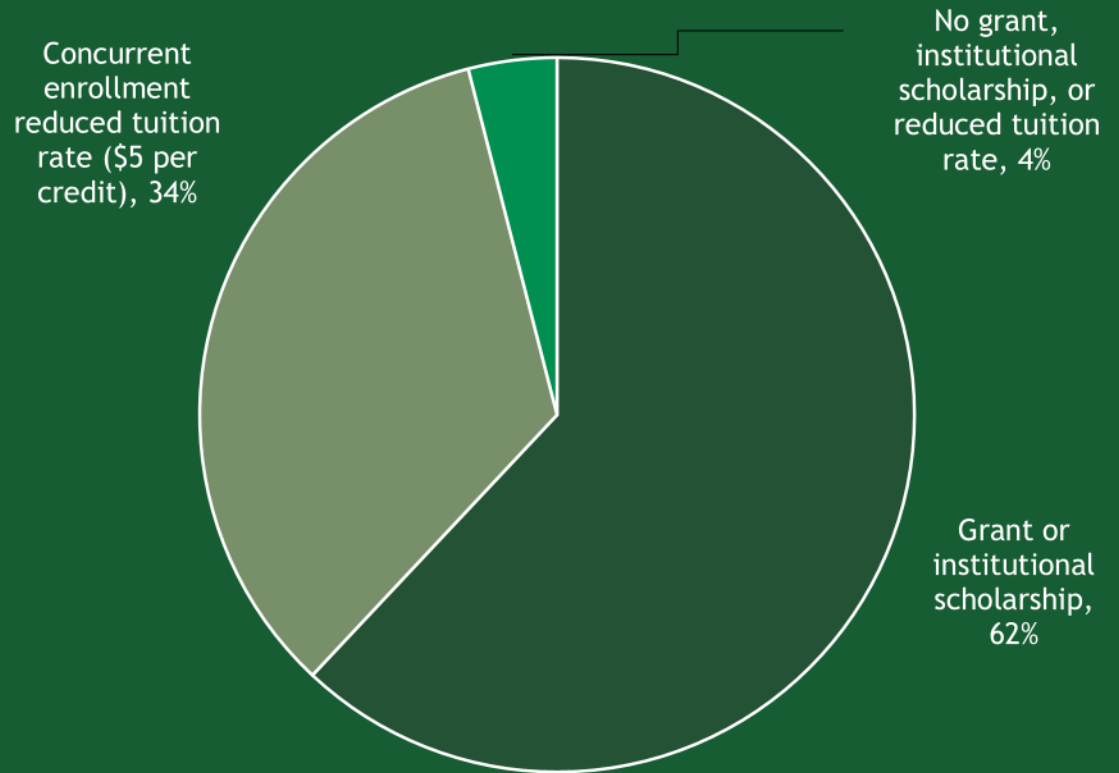
**\$50-\$100,000**

# DISCOUNTED TUITION COST BELOW STICKER PRICE

UVU's "sticker price" for tuition is not the actual price our students pay.

- 62% of our students received some form of financial aid
- Concurrent Enrollment students pay a steeply discounted tuition of only \$5 per credit
- Our lower tuition and fee costs allow students to maximize their PELL grant opportunities

## UVU Undergraduate Students Receiving Grant, Scholarship, or Reduced Tuition Rate, 2023-2024



Source: IPEDS and UVU Enrollment Data



# EVERGREEN

the campaign for **UVU**



# GROWTH

EverGREEN 2025

**\$254,397,788**

# EVERGREEN CAMPAIGN: IMPACT

**10,491**

FIRST-TIME DONORS

**14,166**

TOTAL DONORS

**10,576**

EMPLOYEE GIFTS

\$2,753,054 / 831 SEMESTERS  
OF TUITION & FEES

**33,538**

TOTAL GIFTS

**8,489**

UNIQUE ALUMNI GIFTS



# EVERGREEN CAMPAIGN: IMPACT



**190**  
NEW SCHOLARSHIPS  
CREATED

**\$22,550,126**

SCHOLARSHIPS

**\$125,376,634**

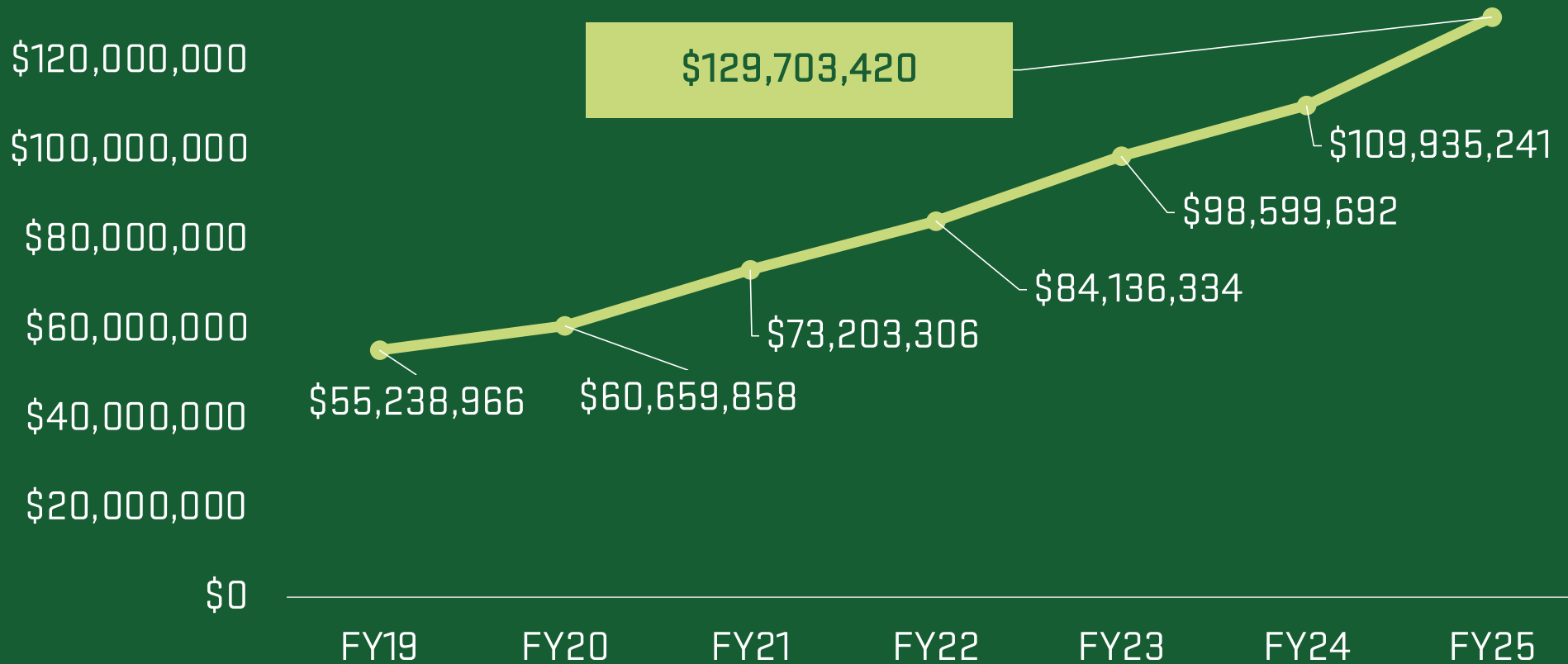
PROGRAMS

**\$109,559,139**

FACILITIES

# ENDOWMENT VALUE

Amounts as of June 30 every year





# RALLY *the* VALLEY

**UVU HOMECOMING**

**February 2-7, 2026**



**KEEP THE FAITH [IN UVU]!**



Utah Valley University  
**Presidential Search**



**THANK YOU**

# USHE 2025 Program Report

# 2025 Program Report

Utah Valley University

Date Goes Here

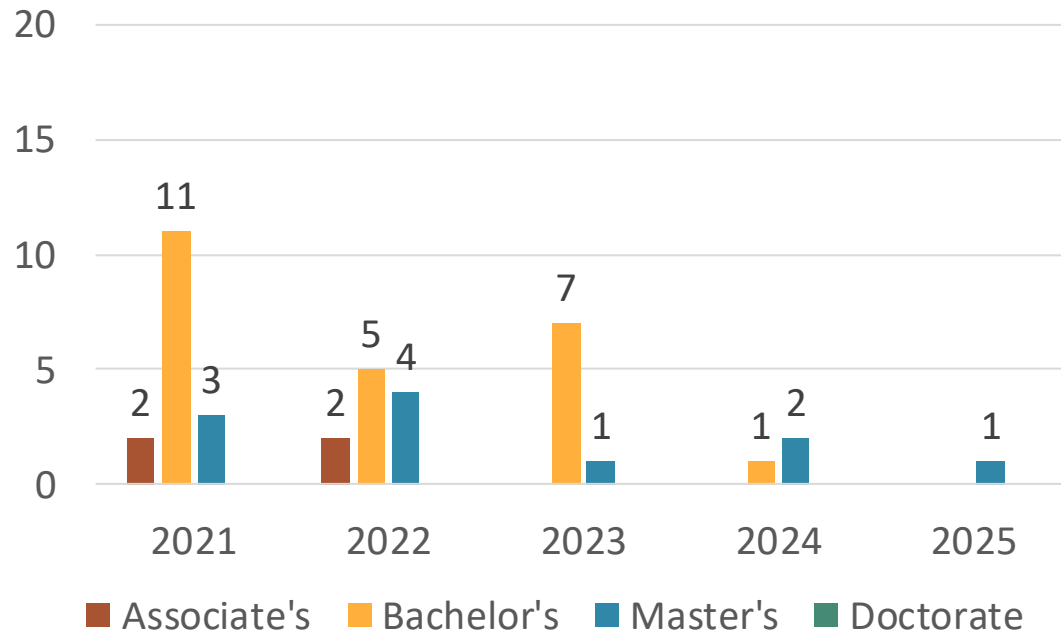


UTAH  
SYSTEM OF  
HIGHER  
EDUCATION

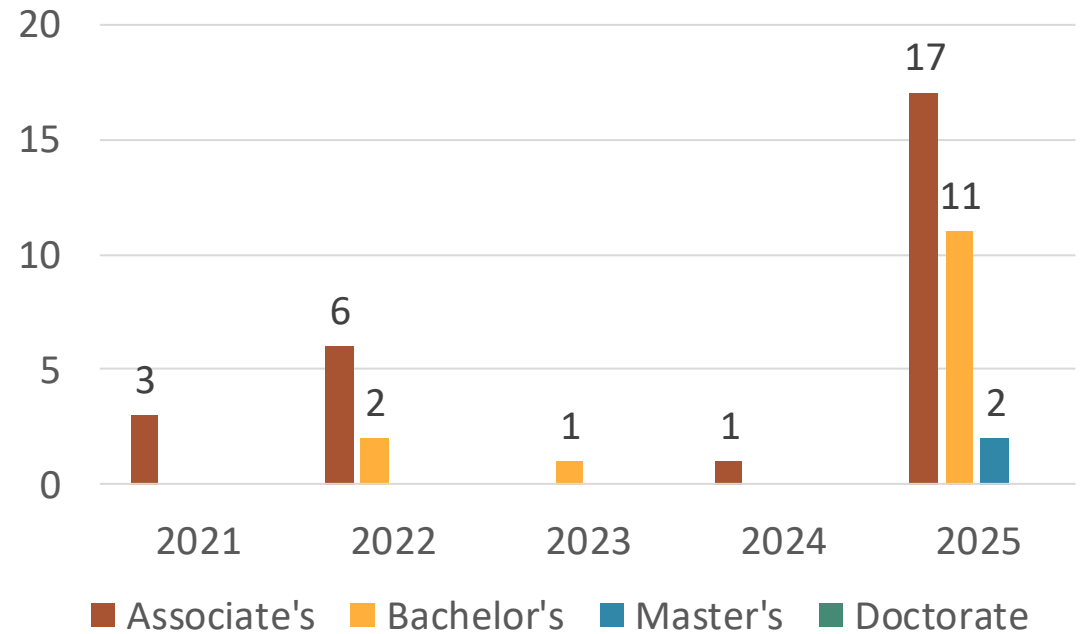
# New and Discontinued Degrees

*UVU*

5 Year New Programs by Degree



5 Year Discontinuances by Degree

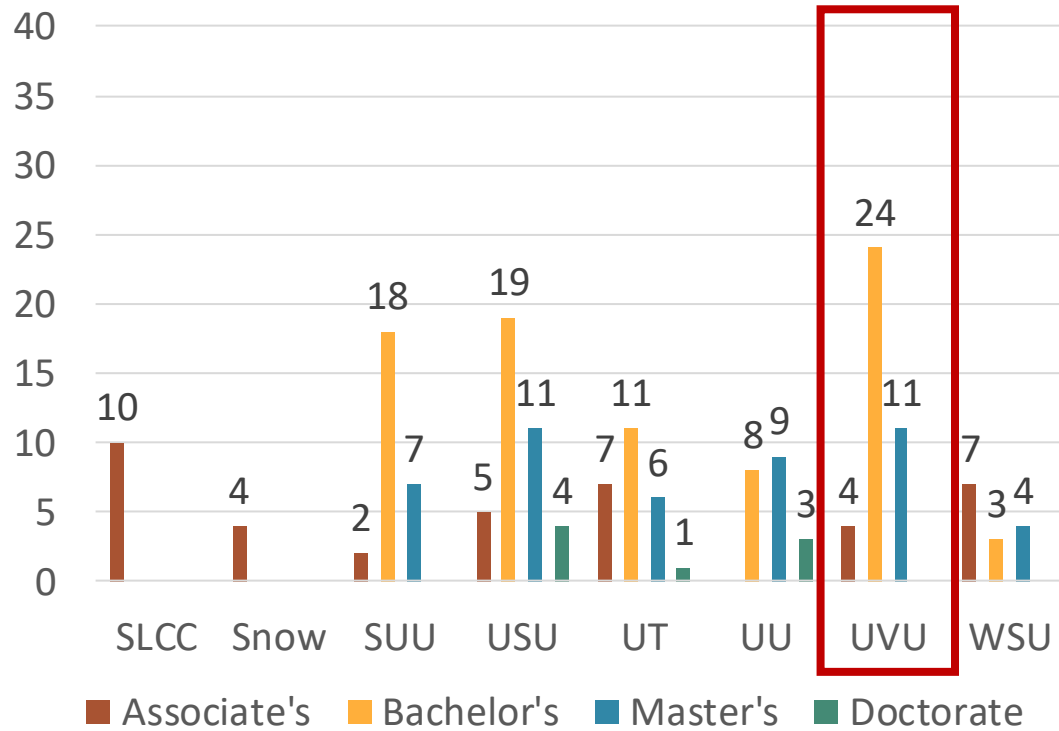




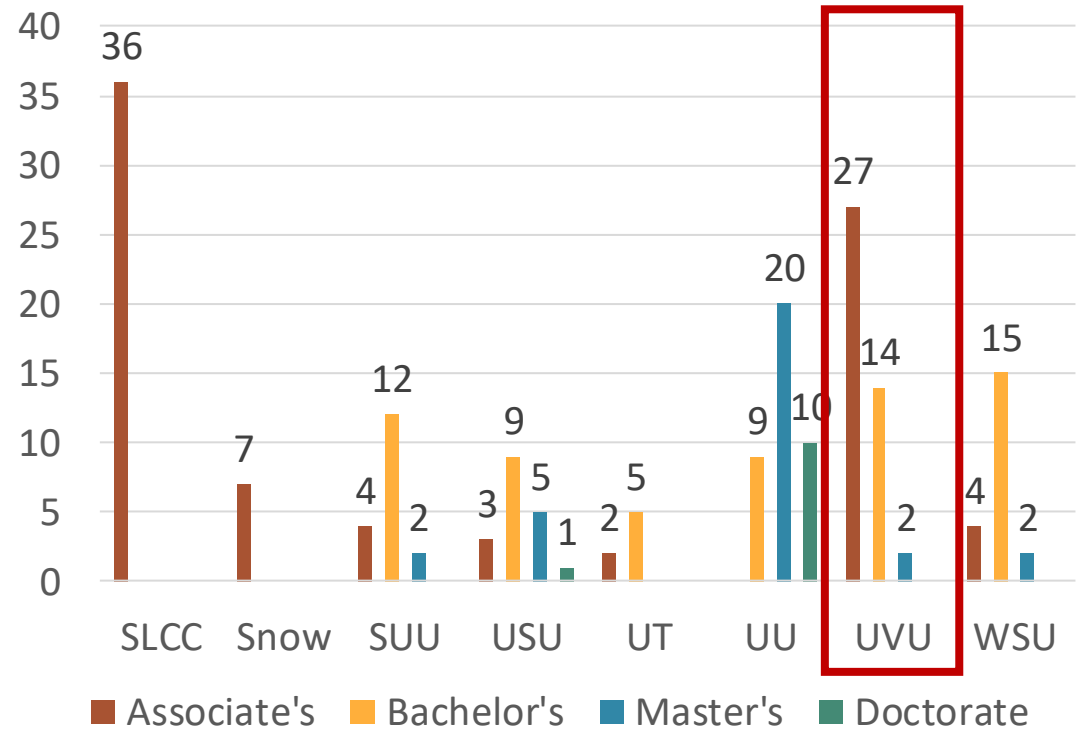
# New and Discontinued Degrees

## Statewide

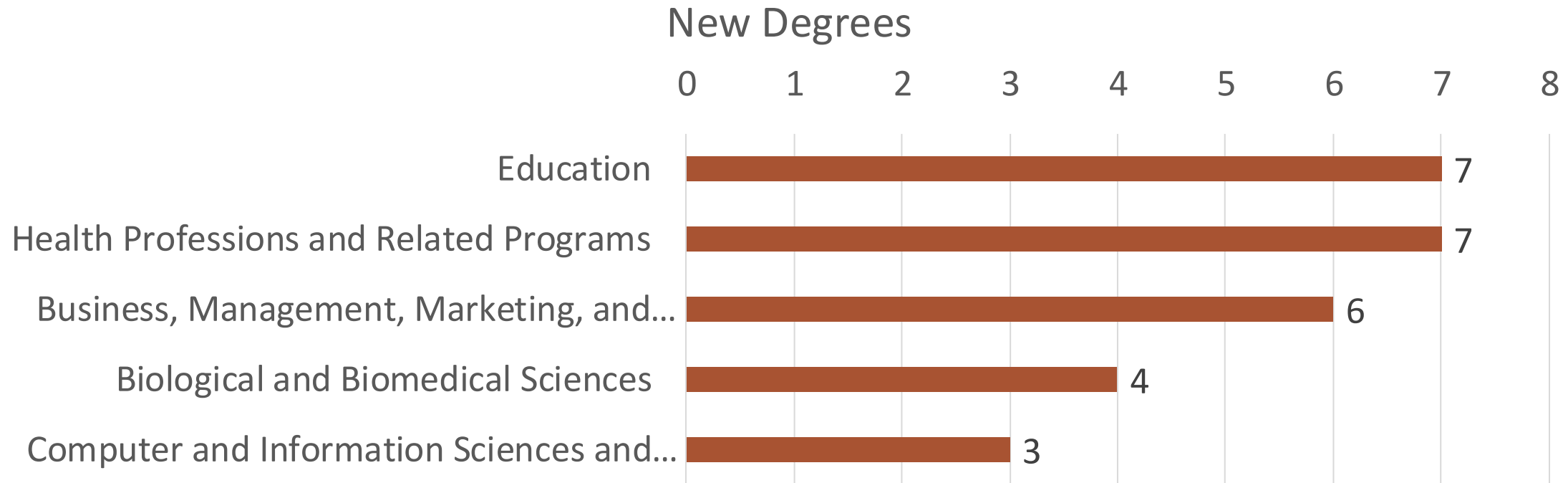
New Degrees



Discontinued Degrees



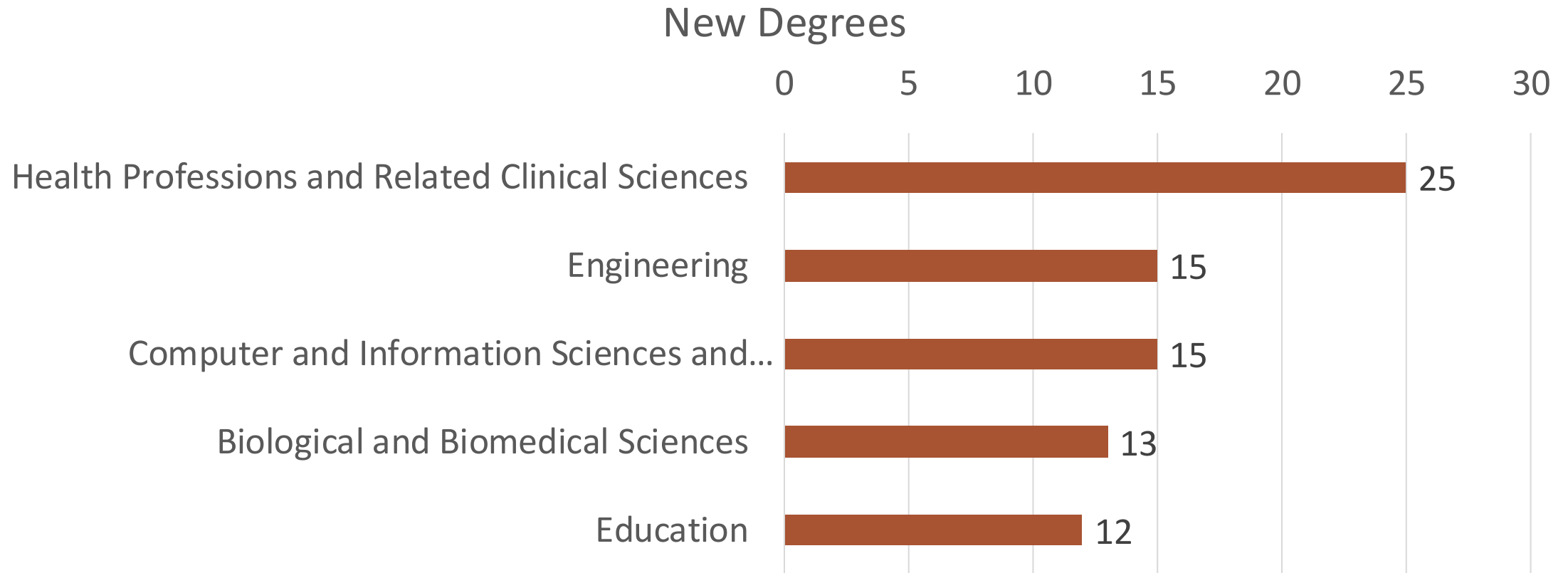
# Instructional Area\* as Percentage of Total *UVU*



\*2 Digit CIP Code



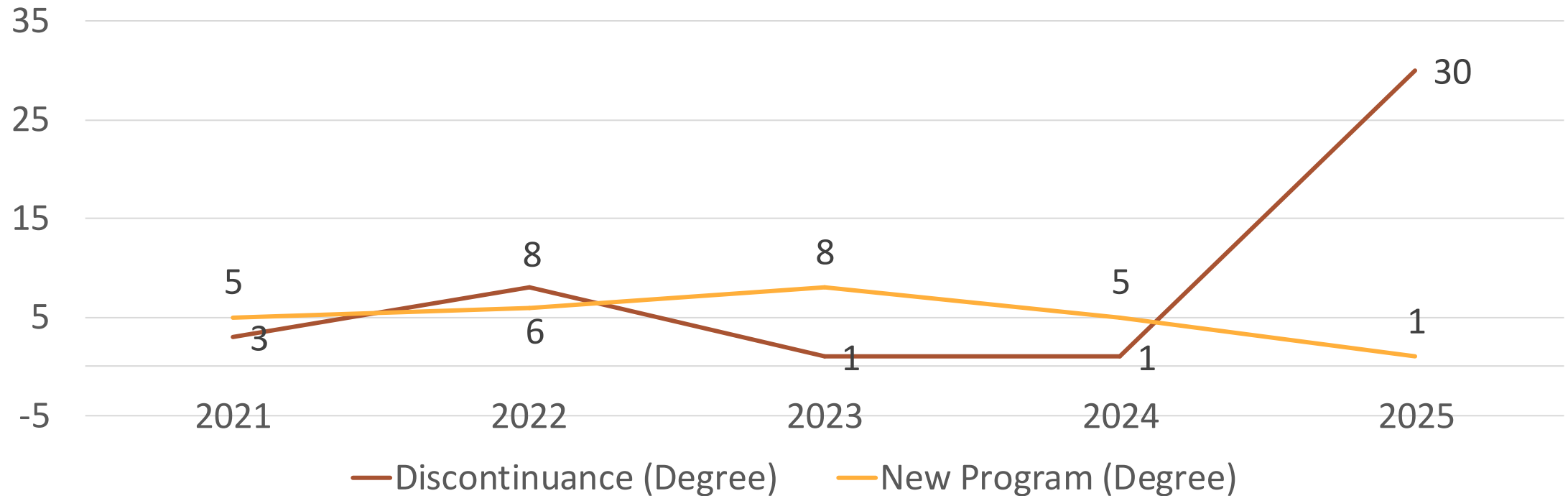
# Instructional Area\* as Percentage of Total *Statewide*



\*2 Digit CIP Code

# Trend of New and Discontinued Degrees

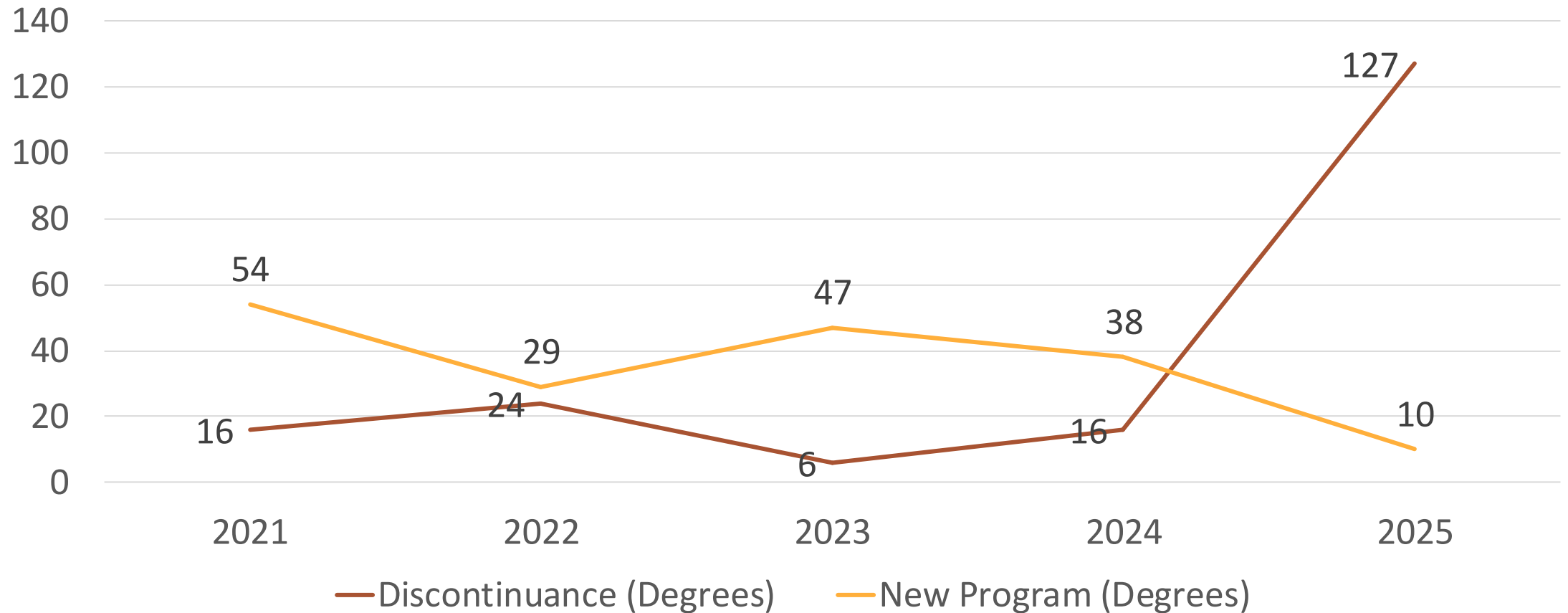
*UVU*





# Trend of New and Discontinued Degrees

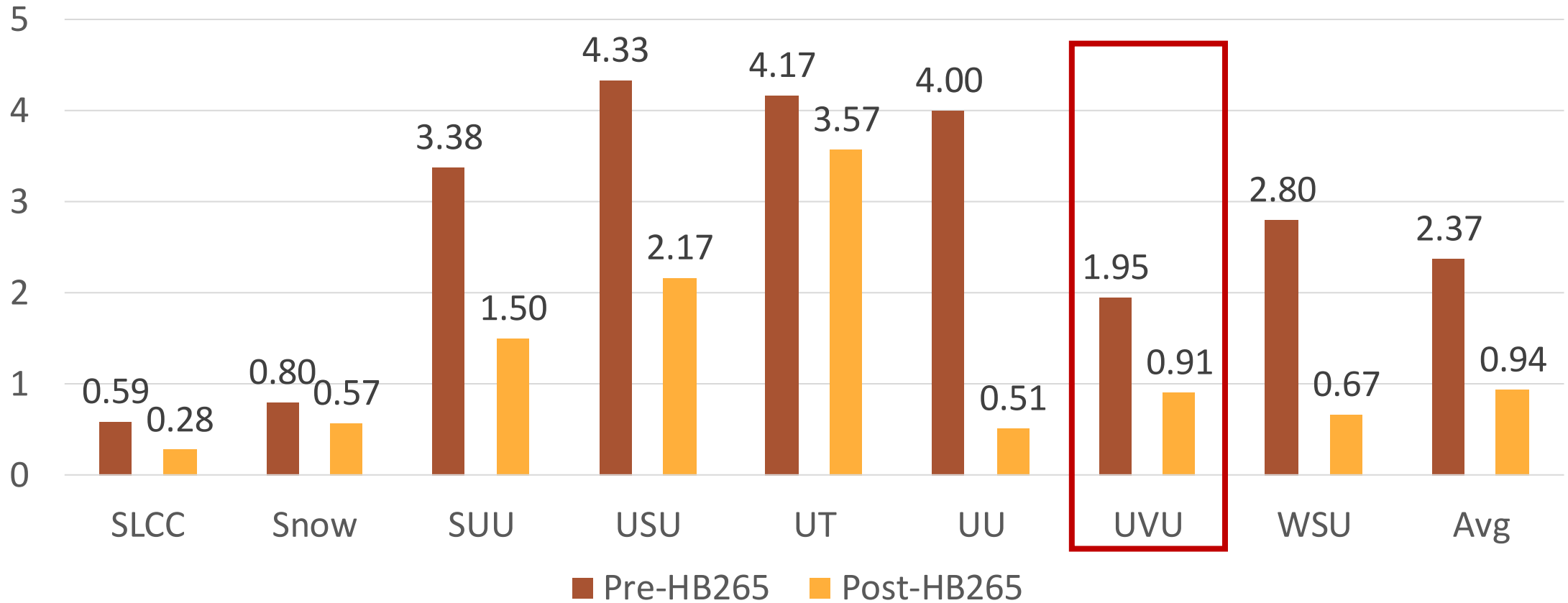
## Statewide





# New Degrees Per Discontinuance

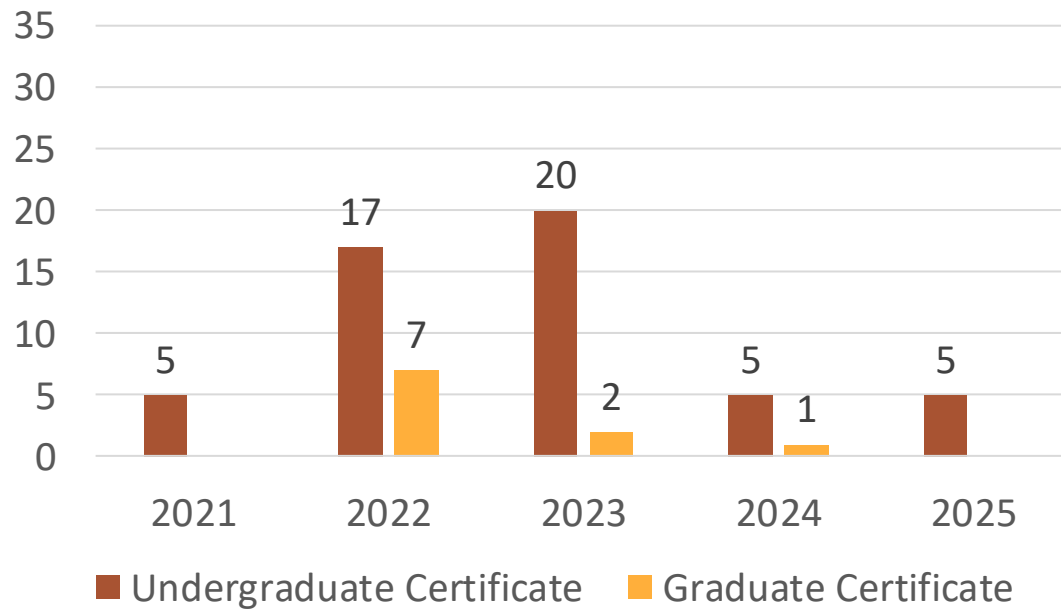
## Statewide



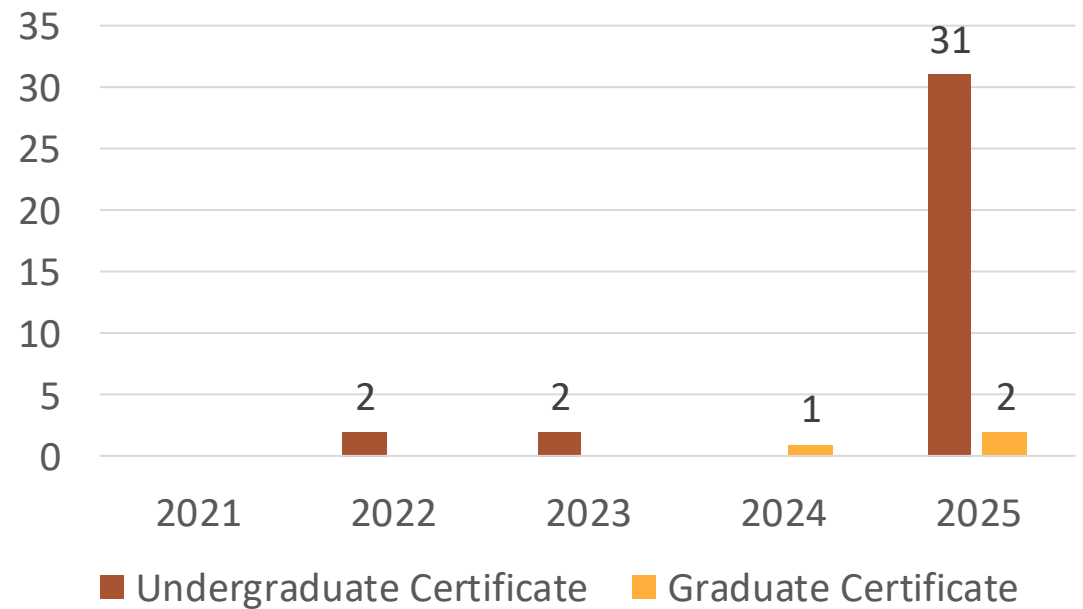
# New and Discontinued Certificates

*UVU*

5 Year New Programs by Certificate



5 Year Discontinuances by Certificate

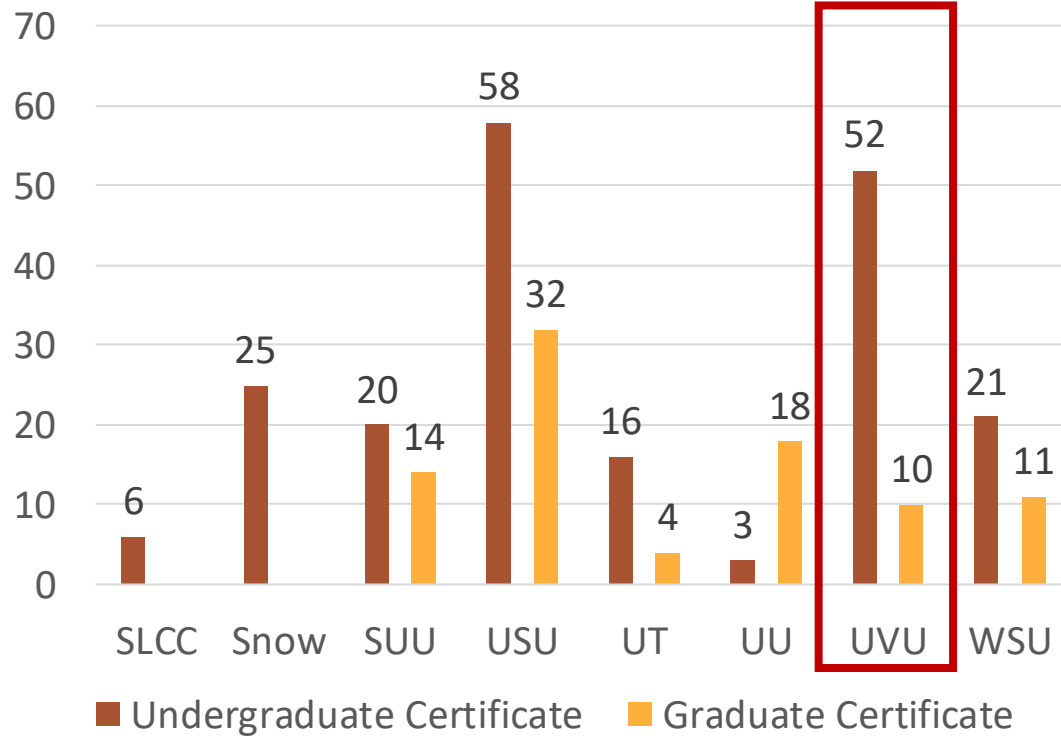




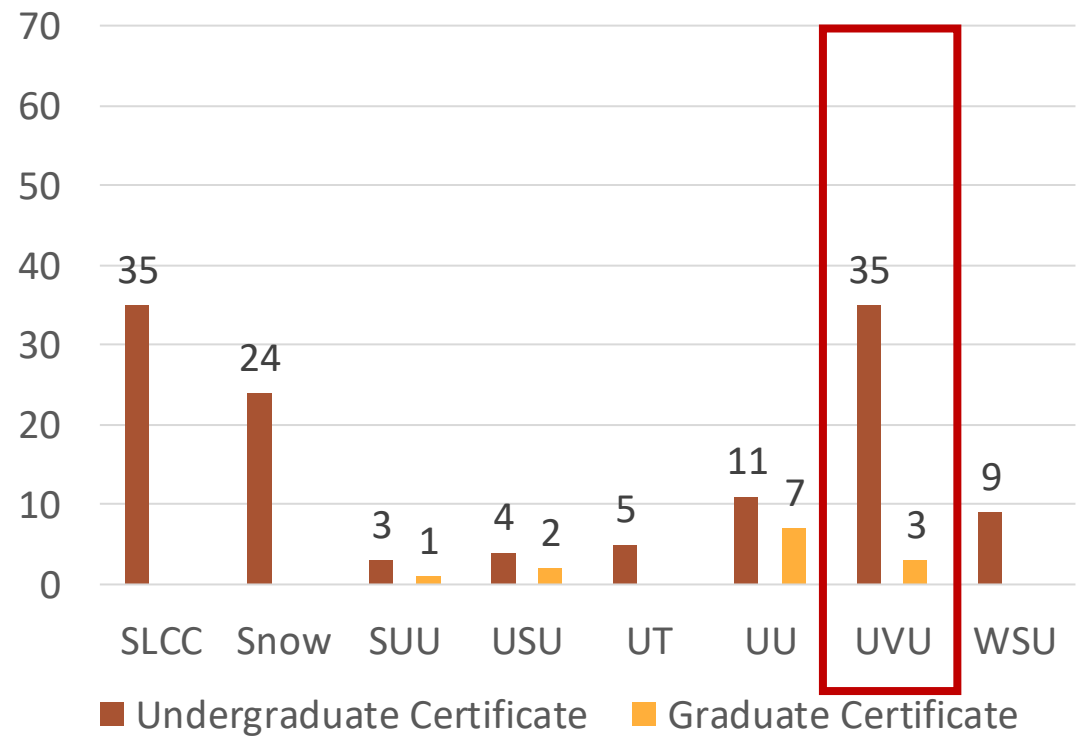
# New and Discontinued Certificates

## Statewide

New Certificates

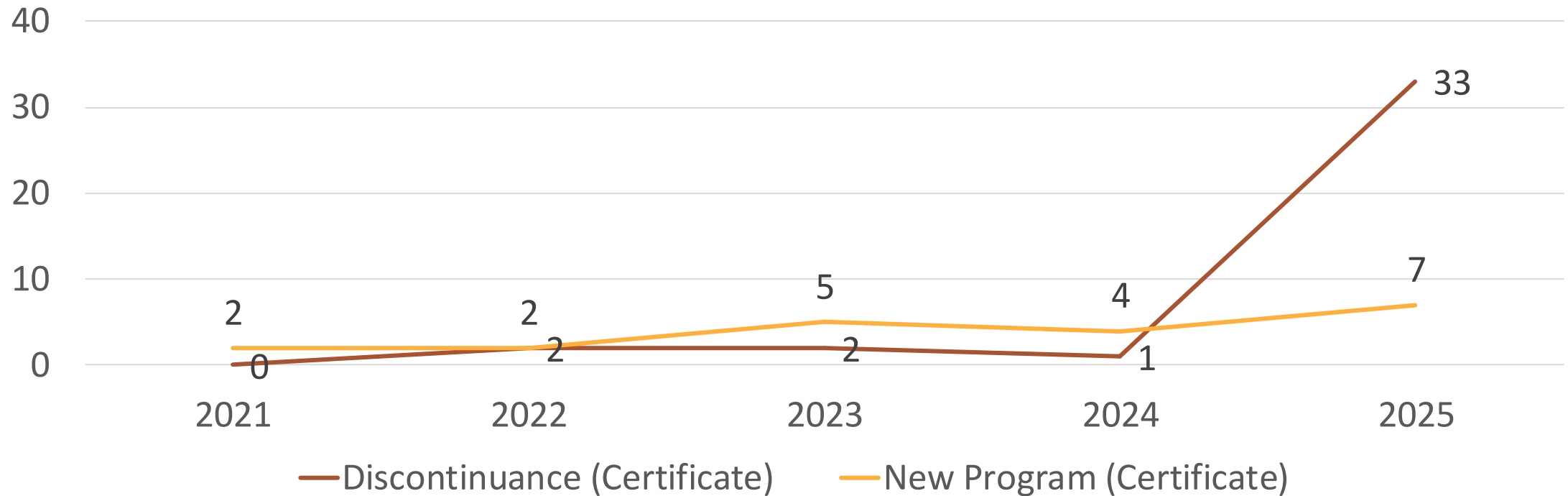


Discontinued Certificates



# Trend of New and Discontinued Certificates

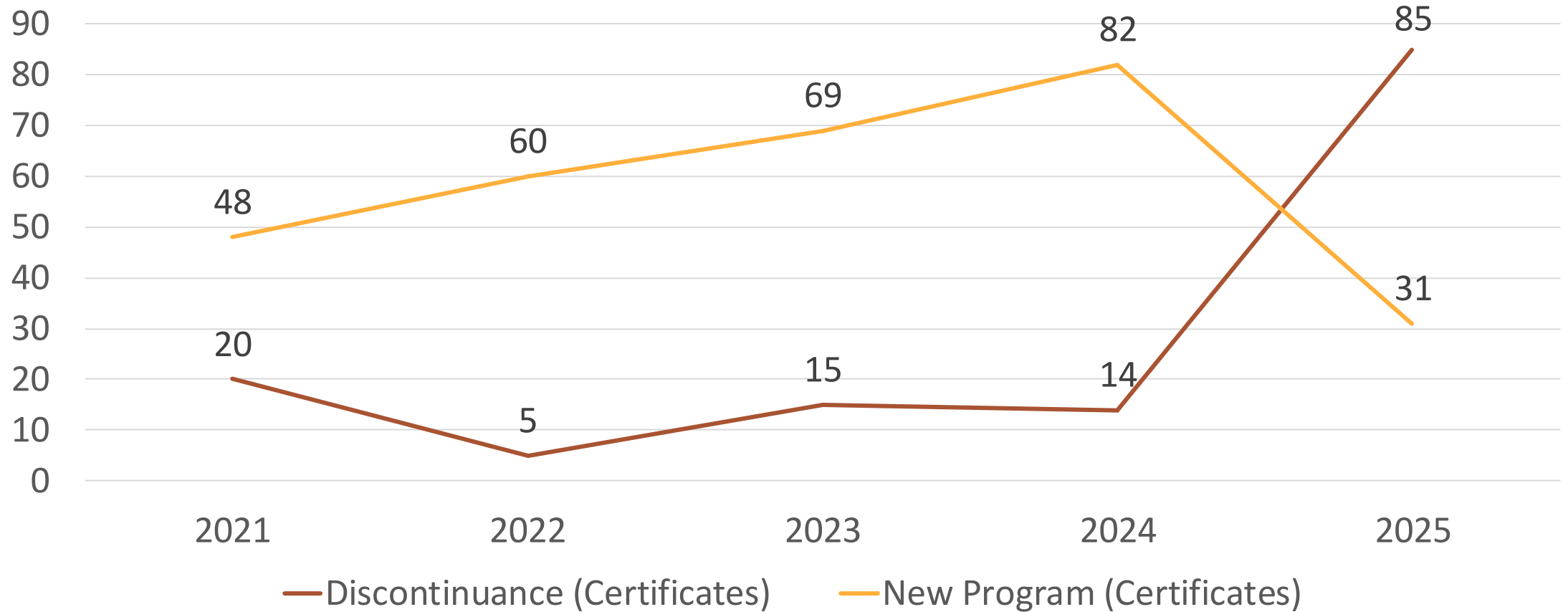
*UVU*





# Trend of New and Discontinued Certificates

## Statewide



# Outside Support for Academic Programs

## Questions for Academic Program Approval

### Observations:

Each month we consider the addition and deletion of academic programs, certificates and degrees. Their approval requires an application with a statement of need for the program.

Program applications are often motivated by instructor passion, key instructor charisma, hot topics and social trends. Less often they are part of a strategic plan for the college and university.

Program approvals require estimates of demand, but often use unverified numbers from Google.

Deletions largely report either no student demand or no jobs in the area and reflect inaccurate information in the program application.

Deletions may be viewed as failures in providing student success and failures in strategic planning that are wasteful of valuable university resources and student life years.

### Many new program applications seem to require no new resources, thereby defying Newton's 2nd Law of Physics:

$$K_1 + U_1 = K_2 + U_2$$

In a closed system, total energy remains constant, converting between kinetic (motion) and potential (stored) energy but energy is never created or destroyed,

The UVU Program Approval Corollaries to Newton's 2<sup>nd</sup> Law

$$\$D_1 + \$P_1 = \$D_2 + \$P_2$$

C1: In a university system having a fixed budget, you can't spend money twice

C2: In spite of all proposal claims, all programs cost money, either in faculty, staff and administrative time and resources, in equipment and other program support, or in student time and effort.

C3: Most programs result in a zero-sum game with college resources unless the program can generate outside support to grow the program, department, college and university.

### Discussion Question

How can we strengthen the approval process to reduce the number of program failures?

Should we require that all new programs document external program support?

Examples:

Engage in partnerships with organizations who will support the program and student success by

- a. Joining and supporting a program advisory board within the college or department
- b. Committing to contribute financially to the program (\$ amount of commitment)
- c. Committing to hire a specific "x number of" interns in years 1,2,3
- d. Committing to hire "x number of" graduates in years 4,5,6
- e. Identifying other measures of support for student success

# Programs

## Program Proposals for UVU Board of Trustees - January 2026

Approval Type	School/College	Program Name	Justification
New	Smith College of Engineering & Technology	Mechatronics Engineering Technology - Automation and Electrical Technology Emphasis, A.A.S.	USHE requested the discontinuation of the Automation and Electrical Technoloty, AAS. As a result the Technology Management and Mechatronics department is proposing to recive the AET students into the Mechatronics AAS program. This is being created to receive these students.
New	Smith College of Engineering & Technology	Mechatronics Engineering Technology - Mechatronics Emphasis, A.A.S.	USHE requested the discontinuation of the Automation and Electrical Technoloty, AAS. As a result the Technology Management and Mechatronics department is proposing to recive the AET students into the Mechatronics AAS program. This is being created for Mech students to continue.
Modification	Smith College of Engineering & Technology	Cybersecurity, M.S.	Ttitle change from Master of Science in Cybersecurity, M.S. to Cybersecurity, M.S. Update to program description, PLOs, Matriculation Requirements, and Graduation Requirements. Modifying IT prefix courses to CYBR prefix.

**"I move to approve the (Creation/Modification/Inactivation) of (Program) from the (College/School)."**

# Program Modification Proposal

Title change from Master of Science in Cybersecurity, M.S. to Cybersecurity, M.S. Update to program description, PLOs, Matriculation Requirements, and Graduation Requirements.  
Modifying IT prefix courses to CYBR prefix.

## MS-CYSE1 : Cybersecurity, M.S.

Last approved: Tue, 23 Aug 2022 14:40:37 GMT

Last edit: 2025-10-24T17:50:18Z

Changes proposed by: 10743853

**Faculty Member:**

**UVID:**

10743853

**Name:**

Basil Hamdan

**E-mail:**

basil.hamdan@uvu.edu

**No Approval Workflow**

No

**Will you be changing 25% or more of the core?**

No

**Proposed Effective Term**

Fall 2026

**Effective Catalog Year**

2026-2027

**Department**

IST - Information Systems Technology

**College/School**

EN - Smith College of Engineering and Technology

**Program type**

Master

**Degree type**

Specialized Masters (SMAS)

**Program title**

Cybersecurity, M.S.

**CIP Code**

11.1003 - Computer and Information Systems Security/Auditing/Information Assurance.

**Program code**

MS-CYSE1

**Will this program be offered fully online?**

Yes

**Which states(s) will this program be marketed in?**

The U.S.

**Does this program have specialized accreditation or will it be pursued?**

No

**Is this program designed to lead to professional licensure or certification (whether Utah-specific or national)?**

No

**Articulation/Pathway Agreement**

**Date Verified**

**List any program(s) that this program stacks into**

**Effective Term**

**Justification for offering/changing this program**

We propose updating the prefix for all courses in the Master of Science in Cybersecurity program from IT/INFO to CYBR to better reflect the program's identity and academic focus. This change will also simplify course mapping and overall curriculum management.

**Program Description**

The Cybersecurity, MS program equips students with the technical, analytical, and managerial skills needed to address the evolving cybersecurity challenges shaping today's digital landscape. Through a combination of core courses and specialized electives, students learn to hunt and analyze emerging threats, evaluate vulnerabilities, manage cyber risks, and implement countermeasures to secure information systems. Graduates are prepared to lead cybersecurity initiatives, navigate legal and ethical challenges, and protect critical systems and data across diverse industries.

**What are the PLOs (Program Learning Outcomes) for the program? (List 3-5)**

<b>PLO</b>	
1	Synthesize technical and managerial principles to address cybersecurity challenges.
2	Analyze complex cybersecurity problems and apply data-driven techniques to support effective decision-making in dynamic environments.
3	Implement and evaluate cybersecurity tools, techniques, and technologies to identify and mitigate advanced threats and vulnerabilities.
4	Develop risk management strategies to assess, mitigate, and align cybersecurity risks with organizational objectives.
5	Assess legal, regulatory, and ethical issues in cybersecurity to make informed judgements that comply with current policies and regulations.

**Do all the courses in this program proposal currently exist?**

Yes

**Does the program have matriculation requirements?**

Yes

**Matriculation Requirements**

Matriculation Requirements

1. Bachelor's degree with a GPA of at least 3.0 on a 4.0 scale from an accredited institution in a computing-related field (such as information systems, information security, information technology, or computer science). Applicants who have bachelor's degrees in other fields may be admitted to the program if they have at least two years of technology or cybersecurity industry experience and have completed undergraduate courses in data communication, programming, and server administration with a grade of C+ or better. Students may also take a comprehensive exam on these topics to satisfy this admission requirement. These applications will be handled on a case-by-case basis.
2. Completed application for admission. The application includes:
  1. Current resume or curriculum vitae.
  2. Admission Essay.
  3. Official transcripts from all attended institutions of higher education.
  4. Two letters of recommendation.

**Program listing/schedule**

<b>Code</b>	<b>Course List Title</b>	<b>Credit Hours</b>
Total Credit Hours		30
Discipline Core Requirements		21 Credits

Code	Course List Title	Credit Hours
Complete the following required courses:		
<a href="#">CYBR 6300</a>	Principles of Cybersecurity	3
<a href="#">CYBR 6330</a>	Cybersecurity Operations	3
<a href="#">CYBR 6350</a>	Law/Ethics/Privacy in Cybersecurity	3
<a href="#">CYBR 6370</a>	Penetration Testing and Vulnerability Assessment	3
<a href="#">CYBR 6740</a>	Advanced Network Defense and Countermeasures	3
<a href="#">CYBR 6770</a>	Cybersecurity Management	3
<a href="#">CYBR 6900</a>	Cybersecurity Capstone	3
Elective Requirements		9 Credits
Complete 9 credits from the following:		9
<a href="#">CYBR 6420</a>	Web and Mobile Application Security (3)	
<a href="#">CYBR 6660</a>	Advanced Network Forensics (3)	
<a href="#">CYBR 6750</a>	Reverse Engineering and Malware Analysis (3)	
<a href="#">CYBR 6780</a>	Secure Coding (3)	
or other departmental approved electives.		

## Degree Map

Plan of Study Grid		
First Year		
Semester 1		Credit Hours
<a href="#">CYBR 6300</a>	Principles of Cybersecurity	3
<a href="#">CYBR 6350</a>	Law/Ethics/Privacy in Cybersecurity	3
	Credit Hours	6
Semester 2		
<a href="#">CYBR 6330</a>	Cybersecurity Operations	3
<a href="#">CYBR 6740</a>	Advanced Network Defense and Countermeasures	3
	Credit Hours	6
Semester 3		
<a href="#">CYBR 6370</a>	Penetration Testing and Vulnerability Assessment	3
<a href="#">CYBR 6770</a>	Cybersecurity Management	3
	Credit Hours	6
Second Year		

<b>Semester 4</b>		
Elective		3
Elective		3
	Credit Hours	6
<b>Semester 5</b>		
<u>CYBR 6900</u> Cybersecurity Capstone		3
Elective		3
	Credit Hours	6
	Total Credit Hours	30

**Program Total Credits**

30

**Do the total credits for the program exceed the standard amount allowed for the degree type?**

No

**Graduation Requirements**

Graduation Requirements

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Courses must be finished within a five-year period. No courses will apply toward graduation that are older than five years.
3. Graduate credits accepted from another regionally accredited institution shall have been completed within four years of the graduate student's matriculation graduate program and cannot be older than six years at the time of graduation with a master's degree or graduate certificate from the University.
4. A minimum of eight graduate credit hours must be completed at Utah Valley University.

**Does the program have Emphases?**

No

**Should students be able to select this program as a degree choice on the UVU admissions application?**

Yes

Supporting Documentation

Contingencies

**The following documents must be attached before submitting a NEW program: R401 document, Program assessment plan, Program financial plan, Program feasibility report, Program strategic enrollment management plan, and Library research.**

### **Attach Supporting Documentation**

### **Administrative Comments**

### **Reviewer Comments**

**Laurie Sharp (lsharp) (Fri, 16 May 2025 22:55:19 GMT):** Below is the Senior Associate Provost's team analysis and intercollegiate view comments for the following program being modified. (1) The program description needs to be revised slightly. Since this is published in the Catalog and Academic Program Inventory, this should be a concise 3-5 sentence high-level summary of the program. Here is a possible suggestion to consider for ideas: The Cybersecurity, MS equips students with the technical, analytical, and managerial skills required to address the evolving challenges of cybersecurity. Through focused coursework in cybersecurity operations, penetration testing, network defense, and risk management, students analyze emerging threats, evaluate security vulnerabilities, and develop effective strategies for mitigating cybersecurity risks. Graduates are prepared to lead cybersecurity initiatives, navigate legal and ethical challenges, and implement strategies to protect critical systems and information across various industries. (2) The program learning outcomes may need minor revisions to better support direct assessment at the master's level of learning. Consider these suggestions: PLO #1: Synthesize technical and managerial strategies to analyze and resolve complex cybersecurity challenges in dynamic environments. PLO #2: Apply advanced problem-solving techniques to make informed, data-driven decisions in cybersecurity that adapt to evolving threats and technologies. PLO #3: Evaluate and integrate cybersecurity tools, techniques, and technologies to identify and mitigate advanced threats and vulnerabilities. PLO #4: Critique and develop advanced risk management strategies to assess, mitigate, and align cybersecurity risks with organizational objectives. PLO #5: Analyze legal, regulatory, and ethical issues in cybersecurity to make strategic decisions that comply with current policies and regulations.

**Basil Hamdan (basil.hamdan) (Tue, 27 May 2025 22:16:47 GMT):** Thank you for the thoughtful and constructive feedback. These are excellent suggestions that meaningfully strengthen both the program description and the learning outcomes. I have updated the description to align with catalog standards and revised the PLOs to better support direct assessment at the graduate level. The changes improve clarity, enhance measurability for assessment and accreditation, and ensure stronger alignment with graduate-level expectations.

**Steven Sylvester (ssylvester) (2025-08-27T18:17:30Z):** Graduate Council asks for the following changes: In graduation requirements program needs to add a statement that states "Graduate coursework shall be completed within a six-year period." Need to add statements on the following: Graduate credits accepted from another regionally accredited institution shall have been completed within four years of the graduate student's

matriculation graduate program and cannot be older than six years at the time of graduation with a master's degree or graduate certificate from the University. A minimum of (insert number of at least two-thirds) of graduate credit hours must be completed at Utah Valley University. If no transfer credits are allowed state that all credits must be completed at UVU.

**AJ Reed (Alexis.Reed) (Thu, 30 Oct 2025 19:43:52 GMT):** Graduation requirements revised per Basil Hamdan and the UCC QA 1.

**Stacy Fowler (stacy.fowler) (Wed, 19 Nov 2025 01:15:35 GMT):** Approved in 11-11-2025 Extended AAC.

Key: 462

# New Program Proposal

Date Submitted: 2025-08-12T05:22:46Z

Viewing: : **Mechatronics Engineering Technology - Automation and Electrical Technology Emphasis, A.A.S.**

Last edit: 2025-11-17T22:27:45Z

Changes proposed by: 10767068

**Faculty Member:**

**UVID:**

10767068

**Name:**

Rawan Alnsour

**E-mail:**

rawan.nsour@uvu.edu

**No Approval Workflow**

No

**Proposed Effective Term**

Fall 2026

**Effective Catalog Year**

2026-2027

**Department**

BTM - Technology Management & Mechatronic

**College/School**

EN - Smith College of Engineering and Technology

**Program type**

Emphasis

**Program title**

Mechatronics Engineering Technology - Automation and Electrical Technology Emphasis, A.A.S.

**CIP code is listed in the program core**

**Program code**

**Will this program be offered fully online?**

No

**Does this program have specialized accreditation or will it be pursued?**

No

**Is this program designed to lead to professional licensure or certification (whether Utah-specific or national)?**

No

**Articulation/Pathway Agreement**

**Date Verified**

**List any program(s) that this program stacks into**

Mechatronics Engineering Technology, B.S.

**Effective Term**

**Justification for offering/changing this program**

The USHE has requested the discontinuation of the Automation and Electrical Technology, A.A.S. As a result, The Technology Management and Mechatronics department is proposing to receive the AET students into the Mechatronics A.A.S program. We are creating two emphases for this mechatronics core.

**Program Description**

The Mechatronics Engineering Technology – Automation and Electrical Technology Emphasis, A.A.S. prepares students to work with electrical and mechanical systems in industrial automation environments. Gains applied experience in system design, troubleshooting, wiring, repairing, and configuring industrial devices and control systems. Coursework emphasizes applied electrical mathematics, industrial wiring, and mechanical drafting while introducing automation topics such as control devices, basic networking, and HMI connectivity. Graduates are prepared for careers as automation technicians, control systems specialists, and industrial maintenance technologists or may continue into UVU's Mechatronics Engineering Technology, B.S.

**Core Associated Program**

AAS-MENT1 - Mechatronics Engineering Technology, A.A.S.

**What are the PLOs (Program Learning Outcomes) for the program? (List 3-5)**

<b>PLO</b>	
1	Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to automation systems.

<b>PLO</b>	
2	Design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to automation systems.
3	Apply written, oral, and graphical communication in well-defined technical and non-technical environments.
4	Identify and use appropriate technical literature to solve problems, integrate, and troubleshoot electrical automation systems.
5	Conduct standard tests, measurements, and experiments and analyze and interpret the results.
6	Function effectively as a member of a technical team.

**Do all the courses in this program proposal currently exist?**

Yes

**Program listing/schedule**

Code	Course List Title	Credit Hours
Total Credit Hours		60
Mechatronics Engineering Technology Requirements		48 Credits
Complete the requirements		48
Emphasis Requirements		12 Credits
<a href="#"><u>AET 1050</u></a>	Electrical Math I	3
<a href="#"><u>AET 1060</u></a>	Electrical Math II	3
<a href="#"><u>EGDT 1200</u></a>	Mechanical Drafting and Design	3
<a href="#"><u>AET 2910R</u></a>	Special Topics in Industrial Systems	3

**Degree Map**

Plan of Study Grid		
First Year		
Semester 1		Credit Hours
<a href="#"><u>ENGL 1010</u></a> or <a href="#"><u>ENGL 1005</u></a>	Introduction to Academic Writing or Foundations of Academic Writing	3
<a href="#"><u>AET 1050</u></a>	Electrical Math I	3
<a href="#"><u>MECH 1010</u></a>	Fundamentals of Mechatronics	3
<a href="#"><u>MECH 1200</u></a>	Electronics in Automation Design	3
<a href="#"><u>MECH 1205</u></a>	Electronics in Automation Design Laboratory	2
Credit Hours		14

## Semester 2

<u>AET 1060</u>	Electrical Math II	3
<u>MECH 1300</u>	Industrial Wiring for Mechatronic Systems	1
<u>MECH 1305</u>	Industrial Wiring for Mechatronic Systems Laboratory	2
<u>MECH 2200</u>	Semiconductors in Mechatronic Systems	3
<u>MECH 2205</u>	Semiconductors in Mechatronic Systems Lab	1
<u>MECH 2300</u>	Microcontroller Architecture and Programming	3
<u>MECH 2305</u>	Microcontroller Architecture and Programming Lab	2
	Credit Hours	15

## Second Year

### Semester 3

	Humanities Distribution ( <u>ENGL 2100</u> Recommended)	3
<u>MECH 2500</u>	Introduction to PLCs in Mechatronic Design	2
<u>MECH 2505</u>	Introduction to PLCs in Mechatronic Design Laboratory	2
<u>MECH 2510</u>	Fundamentals of Automation Controls	2
<u>MECH 2515</u>	Fundamentals of Automation Controls Laboratory	1
<u>EGDT 1071</u>	3 Dimensional Modeling--Solidworks	3
	Elective	2
	Credit Hours	15

### Semester 4

	Physical Science Distribution ( <u>PHYS 1010</u> Recommended)	3
<u>MECH 2550</u>	Advanced PLC Programming and Applications	2
<u>MECH 2555</u>	Advanced PLC Programming and Applications Laboratory	2
<u>MECH 2600</u>	Introduction to Fluid Power Systems	2
<u>MECH 2605</u>	Introduction to Fluid Power Systems Laboratory	1
<u>AET 2910R</u>	Special Topics in Industrial Systems	3
<u>EGDT 1200</u>	Mechanical Drafting and Design	3
	Credit Hours	16
	Total Credit Hours	60

### Program Total Credits

60

**Do the total credits for the program exceed the standard amount allowed for the degree type?**

No

**Should students be able to select this program as a degree choice on the UVU admissions application?**

Yes

## Supporting Documentation

### Contingencies

**The following documents must be attached before submitting a NEW program: R401 document, Program assessment plan, Program financial plan, Program feasibility report, Program strategic enrollment management plan, and Library research.**

### Attach Supporting Documentation

Emp\_Mech\_Eng\_Tech\_AET\_NEW\_202640\_R401.pdf

ABET\_PLO\_Engineering\_Tech.pdf

### Administrative Comments

#### Reviewer Comments

**Debbie Ferguson (debbie.ferguson) (Fri, 05 Sep 2025 17:39:55 GMT):** Updated R401 for new proposal requested 9/5/2025.

**Sowmya Selvarajan (sowmyas) (Tue, 16 Sep 2025 04:14:42 GMT):** The SCET UCC has noted 2 measures in CLO #4 (just "use"); punctuation missing at the end of some CLOs.

**Laurie Sharp (lsharp) (Thu, 25 Sep 2025 15:28:50 GMT):** Below is the Senior Associate Provost's team analysis and intercollegiate view comments for the following emphasis being added. (1) The program description needs to be revised slightly. Since this is published in the Catalog and Academic Program Inventory, this should be a concise 3-5 sentence high-level summary of the program. Here is a possible suggestion to consider for ideas: The Mechatronics Engineering Technology – Automation and Electrical Technology Emphasis, A.A.S. prepares students to work with electrical and mechanical systems in industrial automation environments. Students gain hands-on experience in system design and automation equipment integration while building proficiency in troubleshooting, wiring, repairing, maintaining, and configuring industrial devices and control systems. Coursework emphasizes applied electrical mathematics, industrial wiring, and mechanical drafting to support the design and integration of automation equipment. Graduates are prepared for careers as automation technicians, control systems specialists, and industrial maintenance technologists and may also continue their studies in UVU's Mechatronics Engineering Technology, B.S. (2) The program learning outcomes need revisions to eliminate redundancy while maintaining full coverage of essential competencies in problem-solving, design, communication, experimentation, and teamwork. This streamlining makes the outcomes clearer, easier to assess, and better aligned with the applied focus of an A.A.S. program. Consider these suggestions: PLO 1: Apply mathematics, science, engineering, and technology tools to solve well-defined problems in automation and electrical systems. PLO 2: Design, implement, and troubleshoot mechatronics systems by integrating electrical, mechanical, and control components. PLO 3: Communicate technical information effectively in written, oral, and graphical formats to both technical and non-technical audiences. PLO 4: Perform standard tests, measurements, and experiments to generate results that support

troubleshooting and system improvement. PLO 5: Collaborate effectively as a member of a technical team to achieve project goals in industrial automation and manufacturing environments.

**Rawan Alnsour (rawan.ansour) (Fri, 26 Sep 2025 15:11:53 GMT):** I updated the descriptions, but for the plo's these are ABET PLO's and we prefer to have them the same

**AJ Reed (Alexis.Reed) (Wed, 22 Oct 2025 20:43:12 GMT):** ABET PLO documentation attached per Rawan Alnsour.

**AJ Reed (Alexis.Reed) (Mon, 17 Nov 2025 22:28:05 GMT):** Curriculum Office is facilitating the change of ENGH 1005 to ENGL 1005 effective Fall 2026. AR

**Stacy Fowler (stacy.fowler) (Wed, 19 Nov 2025 01:14:31 GMT):** Approved in 11-11-2025 Extended AAC.

### Emphasis Associated Program

Code	Course List Title	Credit Hours
Total Credit Hours		48
General Education Requirements		9 Credits
<a href="#"><u>ENGL 1010</u></a>	Introduction to Academic Writing	3
or <a href="#"><u>ENGL 1005</u></a>	Foundations of Academic Writing	
Humanities ( <a href="#"><u>ENGL 2100</u></a> Recommended)		3
Any approved Biology or Physical Science ( <a href="#"><u>PHYS 1010</u></a> Recommended)		3
Discipline Core Requirements		37 Credits
<a href="#"><u>EGDT 1071</u></a>	3 Dimensional Modeling--Solidworks	3
<a href="#"><u>MECH 1010</u></a>	Fundamentals of Mechatronics	3
<a href="#"><u>MECH 1200</u></a>	Electronics in Automation Design	3
<a href="#"><u>MECH 1205</u></a>	Electronics in Automation Design Laboratory	2
<a href="#"><u>MECH 1300</u></a>	Industrial Wiring for Mechatronic Systems	1
<a href="#"><u>MECH 1305</u></a>	Industrial Wiring for Mechatronic Systems Laboratory	2
<a href="#"><u>MECH 2200</u></a>	Semiconductors in Mechatronic Systems	3
<a href="#"><u>MECH 2205</u></a>	Semiconductors in Mechatronic Systems Lab	1
<a href="#"><u>MECH 2300</u></a>	Microcontroller Architecture and Programming	3
<a href="#"><u>MECH 2305</u></a>	Microcontroller Architecture and Programming Lab	2
<a href="#"><u>MECH 2500</u></a>	Introduction to PLCs in Mechatronic Design	2

Course List		
Code	Title	Credit Hours
<a href="#"><u>MECH 2505</u></a>	Introduction to PLCs in Mechatronic Design Laboratory	2
<a href="#"><u>MECH 2510</u></a>	Fundamentals of Automation Controls	2
<a href="#"><u>MECH 2515</u></a>	Fundamentals of Automation Controls Laboratory	1
<a href="#"><u>MECH 2550</u></a>	Advanced PLC Programming and Applications	2
<a href="#"><u>MECH 2555</u></a>	Advanced PLC Programming and Applications Laboratory	2
<a href="#"><u>MECH 2600</u></a>	Introduction to Fluid Power Systems	2
<a href="#"><u>MECH 2605</u></a>	Introduction to Fluid Power Systems Laboratory	1
Electives		2 Credits
Complete one of the following:		2
<a href="#"><u>TECH 2010</u></a>	Supervision in Technology (3)	
<a href="#"><u>TECH 2850</u></a>	Applications of Generative AI (2)	

Complete 2 approved or articulated technical credits <sup>1</sup>

1

This requirement may be satisfied by credit for prior learning (CPL), prior learning assessment (PLA) or Articulation Agreements. Up to two credits may be satisfied.

# New Program Proposal

Date Submitted: 2025-08-12T05:21:10Z

Viewing: : **Mechatronics Engineering Technology -  
Mechatronics Emphasis, A.A.S.**

Last edit: 2025-11-17T22:28:32Z

Changes proposed by: 10767068

**Faculty Member:**

**UVID:**

10767068

**Name:**

Rawan Alnsour

**E-mail:**

rawan.nsour@uvu.edu

**No Approval Workflow**

No

**Proposed Effective Term**

Fall 2026

**Effective Catalog Year**

2026-2027

**Department**

BTM - Technology Management & Mechatronic

**College/School**

EN - Smith College of Engineering and Technology

**Program type**

Emphasis

**Program title**

Mechatronics Engineering Technology - Mechatronics Emphasis, A.A.S.

**CIP code is listed in the program core**

**Program code**

**Will this program be offered fully online?**

No

**Does this program have specialized accreditation or will it be pursued?**

No

**Is this program designed to lead to professional licensure or certification (whether Utah-specific or national)?**

No

**Articulation/Pathway Agreement**

**Date Verified**

**List any program(s) that this program stacks into**

Mechantronics Engineering Technology

**Effective Term**

**Justification for offering/changing this program**

The USHE has requested the discontinuation of the Automation and Electrical Technology, A.A.S. As a result, The Technology Management and Mechatronics department is proposing to receive the AET students into the Mechatronics A.A.S program. We are creating two emphases for this mechatronics core.

**Program Description**

The Mechatronics Engineering Technology – Mechatronics Emphasis, A.A.S. prepares students to work with integrated electrical, mechanical, computer, and control systems for industrial automation, robotics, and intelligent manufacturing. Gains applied experience in PLCs, robotics programming, motor control, industrial networking, sensors, and microcontrollers while developing skills in system design, troubleshooting, and maintenance. Emphasizes system integration, industrial safety, and Industrial Internet of Things (IIoT) connectivity. Graduates are prepared for careers such as mechatronics technologists, robotics technicians, and PLC programmers or may continue into UVU’s Mechatronics Engineering Technology, B.S.

**Core Associated Program**

AAS-MENT1 - Mechatronics Engineering Technology, A.A.S.

**What are the PLOs (Program Learning Outcomes) for the program? (List 3-5)**

<b>PLO</b>	
1	Apply knowledge, techniques, skills and modern tools of mathematics, science, engineering, and technology to solve well-defined engineering problems appropriate to Mechatronics Systems.
2	Design solutions for well-defined technical problems and assist with the engineering design of systems, components, or processes appropriate to Mechatronics Systems.
3	Apply written, oral, and graphical communication in well-defined technical and non-technical environments.

PLO	
4	Identify and use appropriate technical literature to solve problems, integrate, and troubleshoot mechatronics systems.
5	Conduct standard tests, measurements, and experiments and analyze and interpret the results.
6	Function effectively as a member of a technical team.

**Do all the courses in this program proposal currently exist?**

Yes

**Program listing/schedule**

Course List		Credit Hours
Code	Title	
Total Credit Hours		60
Mechatronics Engineering Technology Requirements		48 Credits
Complete the requirements		48
Emphasis Requirements		12 Credits
<u>MATH 1050</u>	College Algebra	4
or <u>MATH 1055</u>	College Algebra with Preliminaries	
<u>MECH 2400</u>	Mechanical Components	4
<u>MECH 2700</u>	Industrial Motor Control Mechatronic Systems	2
<u>MECH 2705</u>	Industrial Motor Control Mechatronic Systems Laboratory	2

**Degree Map**

Plan of Study Grid		
First Year		
Semester 1		Credit Hours
<u>ENGL 1010</u>	Introduction to Academic Writing	3
or <u>ENGL 1005</u>	or Foundations of Academic Writing	
<u>MATH 1050</u>	College Algebra	4
or <u>MATH 1055</u>	or College Algebra with Preliminaries	
<u>MECH 1010</u>	Fundamentals of Mechatronics	3
<u>MECH 1200</u>	Electronics in Automation Design	3
<u>MECH 1205</u>	Electronics in Automation Design Laboratory	2
Credit Hours		15
Semester 2		

<u>EGDT 1071</u>	3 Dimensional Modeling--Solidworks	3
<u>MECH 1300</u>	Industrial Wiring for Mechatronic Systems	1
<u>MECH 1305</u>	Industrial Wiring for Mechatronic Systems Laboratory	2
<u>MECH 2200</u>	Semiconductors in Mechatronic Systems	3
<u>MECH 2205</u>	Semiconductors in Mechatronic Systems Lab	1
<u>MECH 2300</u>	Microcontroller Architecture and Programming	3
<u>MECH 2305</u>	Microcontroller Architecture and Programming Lab	2
	Credit Hours	15

### Second Year

#### Semester 3

	Humanities Distribution ( <u>ENGL 2100</u> Recommended)	3
<u>MECH 2400</u>	Mechanical Components	4
<u>MECH 2500</u>	Introduction to PLCs in Mechatronic Design	2
<u>MECH 2505</u>	Introduction to PLCs in Mechatronic Design Laboratory	2
<u>MECH 2510</u>	Fundamentals of Automation Controls	2
<u>MECH 2515</u>	Fundamentals of Automation Controls Laboratory	1
	Elective	2
	Credit Hours	16

#### Semester 4

	Physical Science Distribution ( <u>PHYS 1010</u> Recommended)	3
<u>MECH 2550</u>	Advanced PLC Programming and Applications	2
<u>MECH 2555</u>	Advanced PLC Programming and Applications Laboratory	2
<u>MECH 2600</u>	Introduction to Fluid Power Systems	2
<u>MECH 2605</u>	Introduction to Fluid Power Systems Laboratory	1
<u>MECH 2700</u>	Industrial Motor Control Mechatronic Systems	2
<u>MECH 2705</u>	Industrial Motor Control Mechatronic Systems Laboratory	2
	Credit Hours	14
	Total Credit Hours	60

### Program Total Credits

60

**Do the total credits for the program exceed the standard amount allowed for the degree type?**

No

**Should students be able to select this program as a degree choice on the UVU admissions application?**

Yes

Supporting Documentation

## Contingencies

**The following documents must be attached before submitting a NEW program: R401 document, Program assessment plan, Program financial plan, Program feasibility report, Program strategic enrollment management plan, and Library research.**

### Attach Supporting Documentation

Emp\_Mech Eng Tech-Mech\_NEW\_202640\_R401.pdf

ABET\_PLO\_Engineering\_Tech.pdf

### Administrative Comments

Approved from ICV on 9/25 per Laurie Sharp. AR

### Reviewer Comments

**Debbie Ferguson (debbie.ferguson) (Fri, 05 Sep 2025 17:40:32 GMT):** Updated R401 for new proposal requested 9/5/2025.

**Sowmya Selvarajan (sowmyas) (Tue, 16 Sep 2025 04:15:28 GMT):** The SCET UCC noted 2 measures in PLO #4 (just "use")

**Laurie Sharp (lsharp) (Thu, 25 Sep 2025 15:29:13 GMT):** Below is the Senior Associate Provost's team analysis and intercollegiate view comments for the following emphasis being added. (1) The program description needs to be revised slightly. Since this is published in the Catalog and Academic Program Inventory, this should be a concise 3-5 sentence high-level summary of the program. Here is a possible suggestion to consider for ideas: The Mechatronics Engineering Technology – Mechatronics Emphasis, A.A.S. prepares students to work with integrated mechanical, electrical, and control systems in industrial automation environments. Students gain hands-on experience in mechanical components, motor control, system wiring, microcontrollers, and programmable logic controllers (PLCs), while developing skills in troubleshooting, maintaining, and configuring mechatronic devices and subsystems. Coursework emphasizes the design and integration of mechanical and electrical elements to support automated manufacturing processes. Graduates are prepared for careers as mechatronics technicians, industrial automation specialists, and control systems technologists and may also continue their studies in UVU's Mechatronics Engineering Technology, B.S. (2) The program learning outcomes need revisions to eliminate redundancy while maintaining full coverage of essential competencies in problem-solving, design, communication, experimentation, and teamwork. This streamlining makes the outcomes clearer, easier to assess, and better aligned with the applied focus of an A.A.S. program. Consider these suggestions: PLO 1: Apply mathematics, science, engineering, and technology tools to solve well-defined problems in automation and electrical systems. PLO 2: Design, implement, and troubleshoot mechatronics systems by integrating electrical, mechanical, and control components. PLO 3: Communicate technical information effectively in written, oral, and graphical formats to both technical and non-technical audiences. PLO 4: Perform standard tests, measurements, and experiments to generate results that support troubleshooting and system improvement. PLO 5: Collaborate effectively as a member of a technical team to achieve project goals in industrial automation and manufacturing environments.

**Rawan Alnsour (rawan.nsour) (Fri, 26 Sep 2025 15:11:32 GMT):** I updated the descriptions, but for the plo's these are ABET PLO's and we prefer to have them the same

**AJ Reed (Alexis.Reed) (Wed, 22 Oct 2025 20:43:39 GMT):** ABET PLO documentation attached per Rawan Alnsour.

**AJ Reed (Alexis.Reed) (Mon, 17 Nov 2025 22:28:38 GMT):** Curriculum Office is facilitating the change of ENGH 1005 to ENGL 1005 effective Fall 2026. AR

### Emphasis Associated Program

Code	Course List Title	Credit Hours
Total Credit Hours		48
General Education Requirements		9 Credits
<a href="#"><u>ENGL 1010</u></a>	Introduction to Academic Writing	3
or <a href="#"><u>ENGL 1005</u></a>	Foundations of Academic Writing	
Humanities ( <a href="#"><u>ENGL 2100</u></a> Recommended)		3
Any approved Biology or Physical Science ( <a href="#"><u>PHYS 1010</u></a> Recommended)		3
Discipline Core Requirements		37 Credits
<a href="#"><u>EGDT 1071</u></a>	3 Dimensional Modeling--Solidworks	3
<a href="#"><u>MECH 1010</u></a>	Fundamentals of Mechatronics	3
<a href="#"><u>MECH 1200</u></a>	Electronics in Automation Design	3
<a href="#"><u>MECH 1205</u></a>	Electronics in Automation Design Laboratory	2
<a href="#"><u>MECH 1300</u></a>	Industrial Wiring for Mechatronic Systems	1
<a href="#"><u>MECH 1305</u></a>	Industrial Wiring for Mechatronic Systems Laboratory	2
<a href="#"><u>MECH 2200</u></a>	Semiconductors in Mechatronic Systems	3
<a href="#"><u>MECH 2205</u></a>	Semiconductors in Mechatronic Systems Lab	1
<a href="#"><u>MECH 2300</u></a>	Microcontroller Architecture and Programming	3
<a href="#"><u>MECH 2305</u></a>	Microcontroller Architecture and Programming Lab	2
<a href="#"><u>MECH 2500</u></a>	Introduction to PLCs in Mechatronic Design	2
<a href="#"><u>MECH 2505</u></a>	Introduction to PLCs in Mechatronic Design Laboratory	2
<a href="#"><u>MECH 2510</u></a>	Fundamentals of Automation Controls	2
<a href="#"><u>MECH 2515</u></a>	Fundamentals of Automation Controls Laboratory	1
<a href="#"><u>MECH 2550</u></a>	Advanced PLC Programming and Applications	2

Course List

Code	Title	Credit Hours
<a href="#"><u>MECH 2555</u></a>	Advanced PLC Programming and Applications Laboratory	2
<a href="#"><u>MECH 2600</u></a>	Introduction to Fluid Power Systems	2
<a href="#"><u>MECH 2605</u></a>	Introduction to Fluid Power Systems Laboratory	1
Electives		2 Credits
Complete one of the following:		2
<a href="#"><u>TECH 2010</u></a>	Supervision in Technology (3)	
<a href="#"><u>TECH 2850</u></a>	Applications of Generative AI (2)	

Complete 2 approved or articulated technical credits <sup>1</sup>

1

This requirement may be satisfied by credit for prior learning (CPL), prior learning assessment (PLA) or Articulation Agreements. Up to two credits may be satisfied.

# Consent Agenda



**CASH AND INVESTMENT  
REPORT  
October 2025**

# Monthly Composite Performance Review

## UTAH VALLEY UNIVERSITY

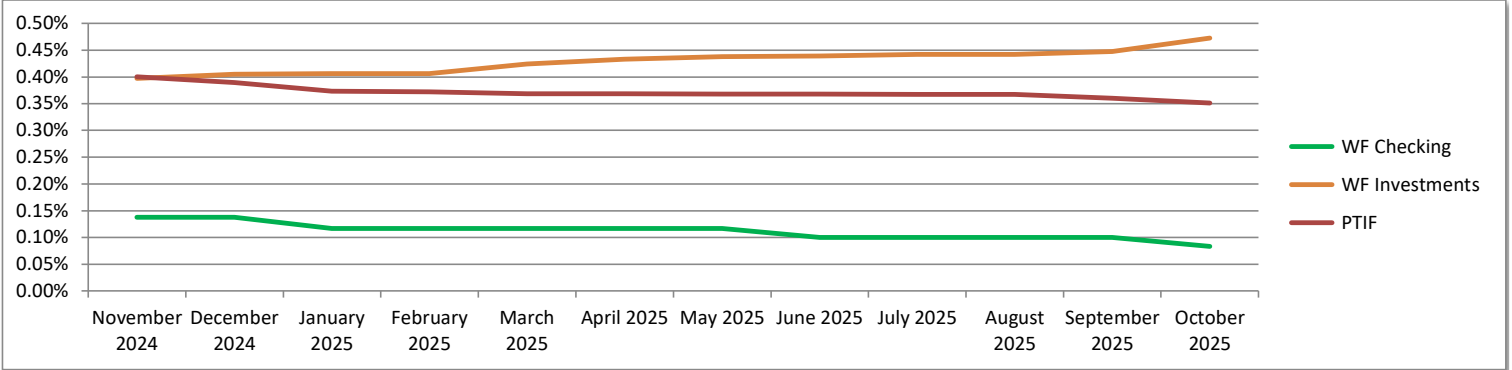
### October 2025



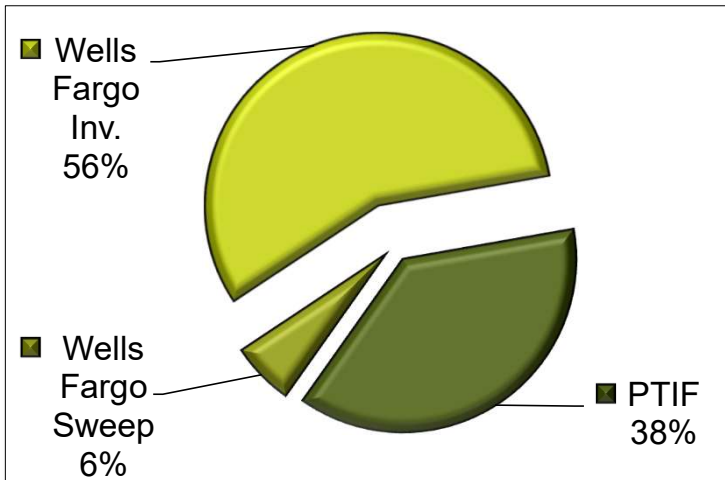
Account Activity	Total University Cash and Investments				Past Twelve Months of Activity
	Checking/Sweep	Investments	PTIF	Investments	
Beginning Balance	\$ 14,404,244	\$ 135,018,120	\$ 109,743,207	\$ 259,165,571	\$ 254,000,883
Interest/Earnings Credit	12,140	929,014	360,659	1,301,813	11,813,033
Acquisitions/Credits	-	-	14,513,898	14,513,898	384,579,960
Dispositions/Debits	(397,700)	-	(32,000,000)	(32,397,700)	(417,033,822)
Unrecognized Gain/Loss	-	(51,460)	-	(51,460)	413,576
Fees	(4,876)	-	-	(4,876)	(191,225)
Transfers *	-	(929,014)	(2,966,971)	(3,895,985)	5,048,856
Ending Balance	\$ 14,013,808	\$ 134,966,660	\$ 89,650,793	\$ 238,631,261	\$ 238,631,261

\* Transfers consist of activity between UVU and the Foundation and interest transferred to UVU.

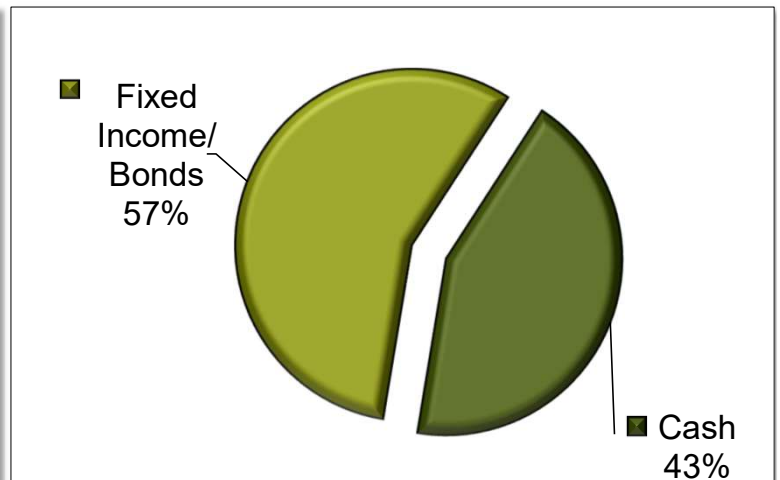
Performance Returns	Wells Fargo	Wells Fargo	PTIF
	Checking/Sweep	Investments	
November 2024	0.14%	0.40%	0.40%
December 2024	0.14%	0.41%	0.39%
January 2025	0.12%	0.41%	0.37%
February 2025	0.12%	0.41%	0.37%
March 2025	0.12%	0.42%	0.37%
April 2025	0.12%	0.43%	0.37%
May 2025	0.12%	0.44%	0.37%
June 2025	0.10%	0.44%	0.37%
July 2025	0.10%	0.44%	0.37%
August 2025	0.10%	0.44%	0.37%
September 2025	0.10%	0.45%	0.36%
October 2025	0.08%	0.47%	0.35%
Monthly Average	0.11%	0.43%	0.37%
12 Month Return	1.34%	5.15%	4.45%



UVU Cash and Investments as a Percent of Total



UVU Cash and Investments Investments by Type



# Monthly Composite Performance Review

## UVU Foundation

### October 2025



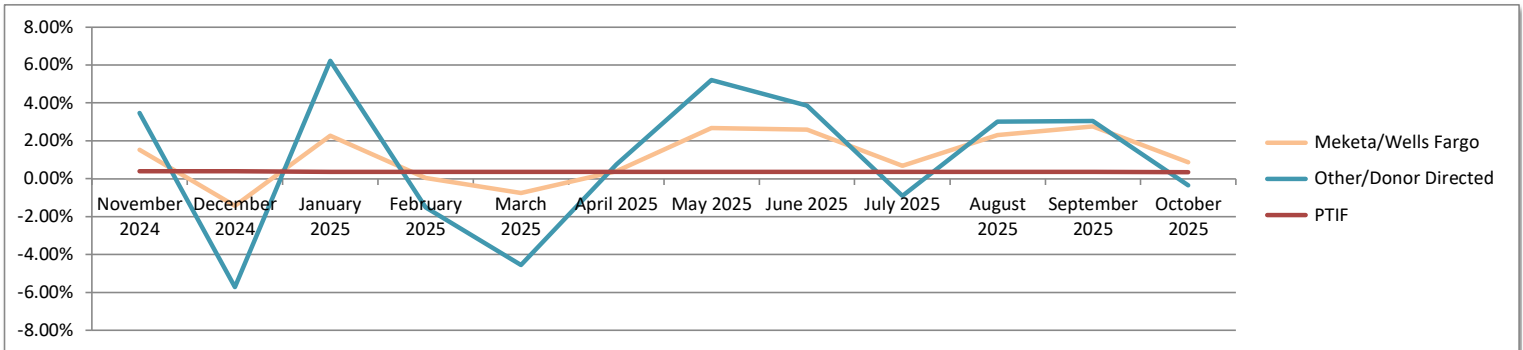
#### Account Activity

	Unrestricted	Temporarily Restricted	Permanently Restricted - Endowments	Total Foundation Investments	Past Twelve Months of Activity	Notes Due From University ^
Beginning Market Value	\$ 3,417,669	\$ 47,261,821	\$ 128,581,807	\$ 179,261,297	\$ 163,394,260	Beginning Balance \$ 4,623,466
Interest	14,619	202,066	152,001	368,686	5,067,195	Additional Notes -
Acquisitions	-	-	8,719,200	8,719,200	79,658,634	Principal Received -
Dispositions	-	-	(8,758,544)	(8,758,544)	(63,741,628)	Ending Balance \$ 4,623,466
Gain/Loss Rec & Unrec	-	-	170,461	170,461	10,960,696	Interest Received \$ -
Fees	-	-	(2,431)	(2,431)	(81,124)	Rate 5.5%
Transfers *	6,276	(971,471)	3,932,166	2,966,971	(12,532,393)	^ Fiscal Year Activity
Ending Market Value	\$ 3,438,564	\$ 46,492,416	\$ 132,794,660	\$ 182,725,640	\$ 182,725,640	

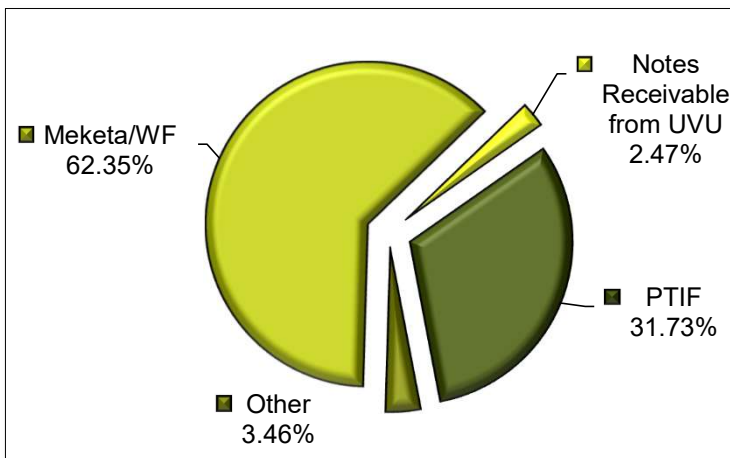
\* Transfers consist of activity between money market accounts and other investment accounts as well as activity between the University and the Foundation.

#### Performance Returns

	Meketa/ Principal	Other - Donor Directed	PTIF
November 2024	1.53%	3.47%	0.40%
December 2024	-1.43%	-5.71%	0.39%
January 2025	2.27%	6.23%	0.37%
February 2025	0.04%	-1.51%	0.37%
March 2025	-0.75%	-4.55%	0.37%
April 2025	0.40%	0.75%	0.37%
May 2025	2.67%	5.21%	0.37%
June 2025	2.60%	3.85%	0.37%
July 2025	0.69%	-0.91%	0.37%
August 2025	2.30%	3.02%	0.37%
September 2025	2.76%	3.04%	0.36%
October 2025	0.87%	-0.35%	0.35%
Monthly Average	1.16%	1.04%	0.37%
12 Month Return	13.95%	13.43%	4.45%



UVU Foundation  
All Funds as a Percent of Total



UVU Foundation  
Investments by Type/Long-Term Investment Fund

