

Unizin empowers its members to own the future of student success during unprecedented change. Unizin's holistic approach – encompassing both technology and partnership solutions – enables institutions to plan, manage, and scale their academic mission's

digital transformation in a dynamic environment. The digital learning ecosystem has rapidly evolved to encompass data, analytics, tools, course materials, technology vendors, and strategic partnerships.

Driving Data and Analytics with the Unizin Data Platform [↗](#)

Unizin harnesses data standards and builds solutions to integrate and scale data-informed, digital learning ecosystems. The Unizin Data Platform will fuel an unprecedented level of insight, analytics, and research to alter how higher education enables student success fundamentally.



Maximizing course materials & tools [↗](#)

Unizin leverages the collective's purchasing power to provide affordable access to digital course materials and learning tools that are powering the future of higher education. Our collective approach – born of the Academy, for the Academy – drives cost savings and enhances control as digital learning evolves at scale.

Empowering partnerships [↗](#)

Unizin's consortium-level relationships with vendors, technology partners, and publishers establish standards and govern the tools, data, and pricing that deliver optimal value for our Members.

To date, our members and their students have realized more than \$100 million in savings through Unizin agreements.

Unizin Membership is All-Inclusive [↗](#)

Services and products are refined and increasing



Unizin's first hosted SaaS application - Developed as part of a comprehensive study at the University of Michigan, six Unizin member institutions currently implement myLA through Unizin's

[↗ Go to related research](#)

Learning Analytics Services SaaS offering. MyLA leverages the Unizin Data Platform, a standards-based, digital learning infrastructure. MyLA uses Canvas course feedback to:

Reveal behavioral patterns associated with good learning skills.

Guide decisions about actions students can take that may improve academic outcomes.

Provide a transparent view of students' course standing.

Institutional Research Analytics and Dashboards for Informed Decision-making

Unizin Data Services include datamarts, assistance/training on queries/filters shared questions, and matching data sets are available. Data services are narrow, purposed catalogs of data designed to support specific use-cases. They deliver metrics and aggregations, not just raw data. These data services enable a scalable model of data democratization.

Today, all Unizin members use Unizin Data Lakes, integrated with their institutionally based IT systems. These serve the institution

as a fundamental source of research data, workbench data, and analytics. The list of curated data marts is continuously expanding based on members' shared use-cases. These data marts will ship with dashboards, documentation, integration, and training at customized UDP Bootcamps for specific audiences. The latest Bootcamp involved 77 attendees from Provost's offices, academic departments, and IR. Some examples of curated datamarts include:

Administrator questions on course readiness, LMS tool usage, and cohort and course analysis support.

Instructors and Instructional Technologists questions on content/file usage, aggregation of student access patterns, discussion interaction, student' last activity' (identify inactive students), student interaction session (dwell time in LMS), course analytics (time on task reporting), and more.

Predictive Analytics covering course grade (DWF/P/F), next term enrollment, and event store 2.0 (used primarily for research and predictive analytics).

Sample UDP-based research projects

1

Online STEM Learning

NSF grant proposal in progress

While STEM education research has focused on identifying pedagogical practices focused on understanding various student experiences, researchers are now well-positioned, given the current pandemic, to study a novel framework specific to undergraduate STEM student learning and retention. This framework utilizes Social Network Analysis and a Communities of Inquiry framework. Unizin's data concierge supports Tracie Reding's (University of Nebraska) STEM research and NSF grant proposal, utilizing cross-institutional UDP data. Working with **Jyotsna Ramanan** on building data views and marts toward social network analysis.

2

Learning Analytics Reflection and Awareness LARA

LARA analyzes and quantifies grade penalties in STEM courses – a significant, multi-institution accounting of differences in grade outcomes based on gender and across five universities.

Unizin Teaching and Learning Communities

Enhance the development of teaching and learning tools, services, and best practices. Communities include Accessibility, Affordable Content, Learning Analytics, Learning Analytics Community of Practice, Application Developers, Faculty Development, Learning Tools Strategy & Operations, Libraries, Security and Privacy, and Research Advisors.



Want to learn more about Unizin?

Contact Cathy O'Bryan at cathy.obryan@unizin.org

University of Nebraska is a member of the Unizin Consortium!