UCI Compass

Comprehensive Analytics for Student Success

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August 14, 2018 • UCCSC @ UC Davis

http://compass.uci.edu/

Presentation

- Compass Project Background (Briandy)
- Compass Descriptive Reports Demonstration (Ray)
- Q&A

About UC Irvine

Campus Stats

Applicants	116,000+
Freshman Applicants	94,867
Total Undergrads	29,307

Retention & Graduation Rates

One-Year Retention	93%
Four-Year Graduation	70%
Six-Year Graduation	88%

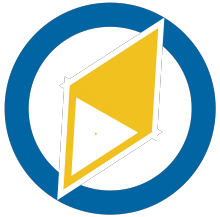
Student Success?

Student Success

Improve retention, time to degree, and completion rates, identify and remediate risk factors, and **provide targeted outreach and intervention** to various student populations.

Examples:

- Narrowing the achievement gap for first generation students
- Retaining underrepresented populations within the sciences
- Identifying curricular pathway roadblocks
- And more!

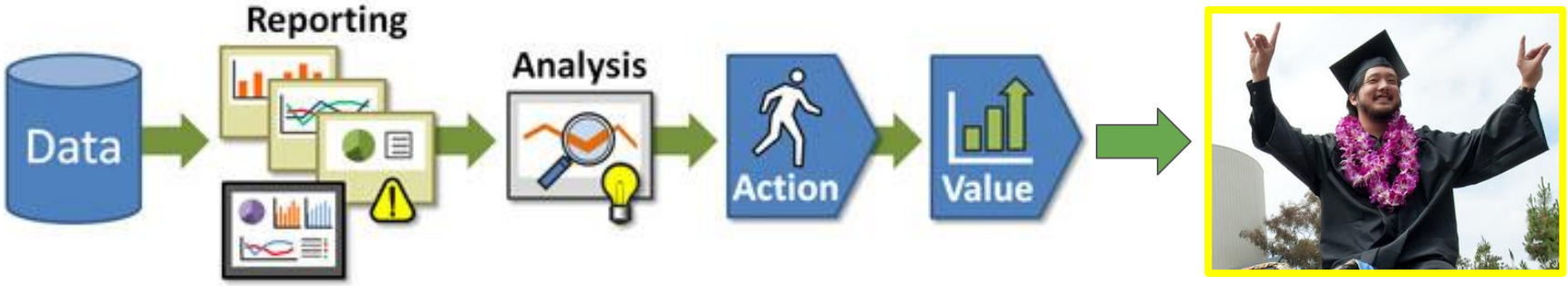


Analytics?

Analytics

Student analytics is the **collection, analysis, measurement, and reporting of data** about learners and their contexts, for purposes of understanding and optimising student outcomes.

Analytics for Student Success?



The aim is to **use data** collection, analysis, measurement, and reporting

to inform how to

improve retention, time to degree, and completion rates, identify and remediate risk factors, and **provide targeted outreach and intervention** to various student populations.

UCI Strategic Plan

UCI University of California, Irvine

Bright Past. Brilliant Future.

Pillar 2

First in Class - Elevating the student experience to prepare future leaders

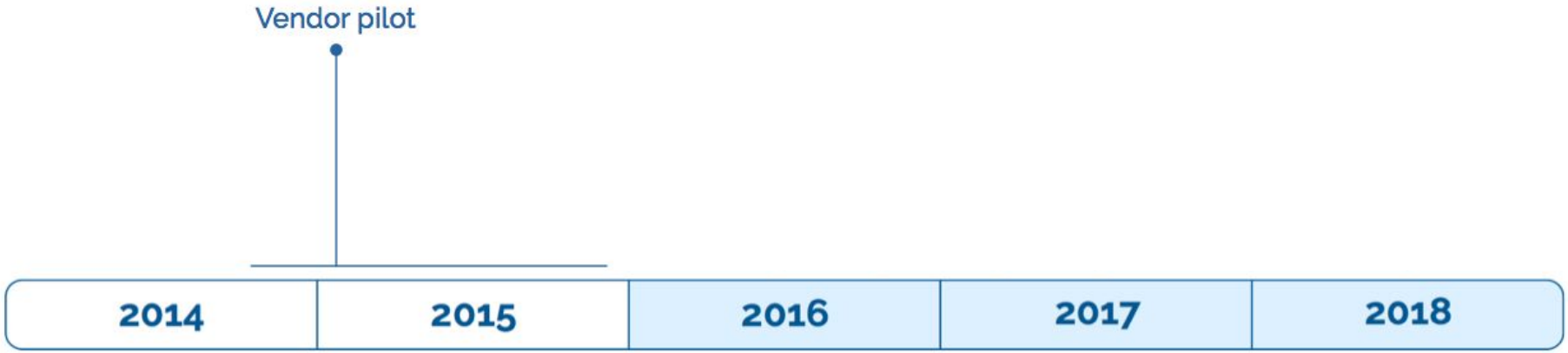
- Recruit and retain all the most talented students regardless of background
- Drive greater engagement, with particular attention to those with students who are first-generation, underrepresented, international, undocumented, veterans, or parents
- Enhance academic advising for all students … utilizing best practices and developing cooperative plans for student success

Evolving UCI

Changing UCI characteristics:

- Over 50% First Generation
- Close to 20% International
- Over 40% Low Income
- Hispanic Serving Institution
- Asian American and Native American Pacific Islander Serving Institution

Background



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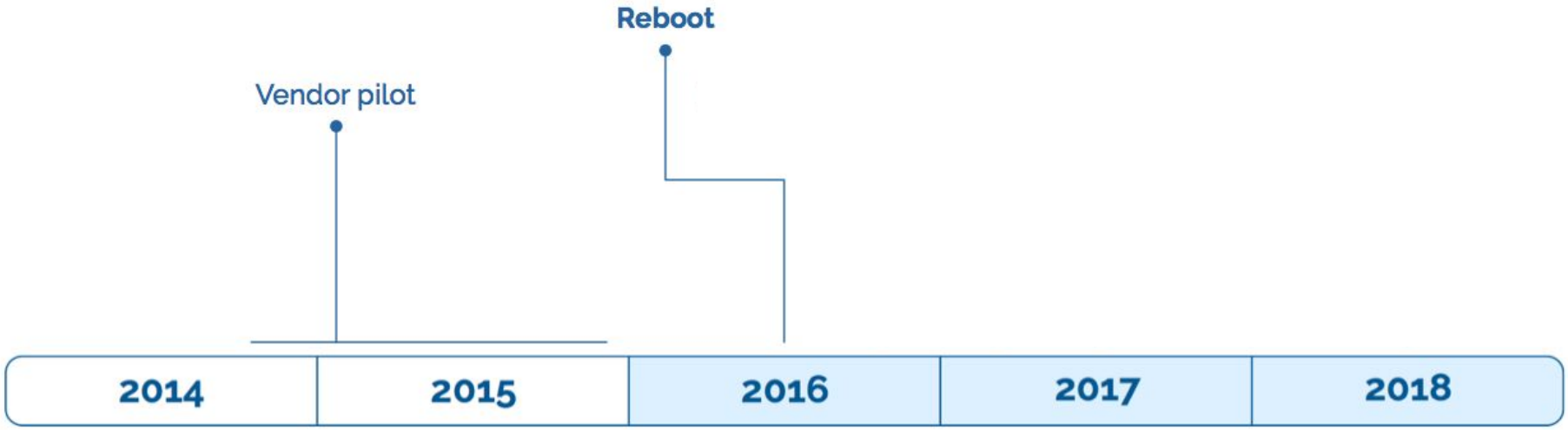


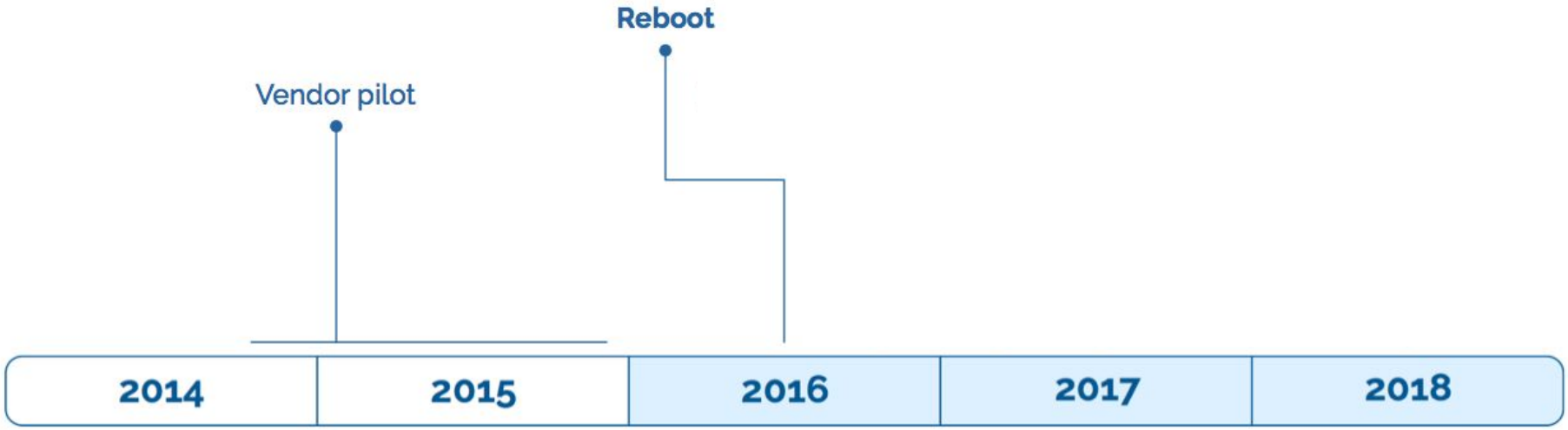
2016 Reboot

- Partnership between **OIT** and **Division of Teaching Excellence & Innovation** with input from **Office of Institutional Research**

- External research
  - Vendors, comparable schools
  - **“one size does not fit all”**

- Internal research
  - Advising units, student support services, faculty
  - “low-hanging fruit”, **data aggregation!**

Background



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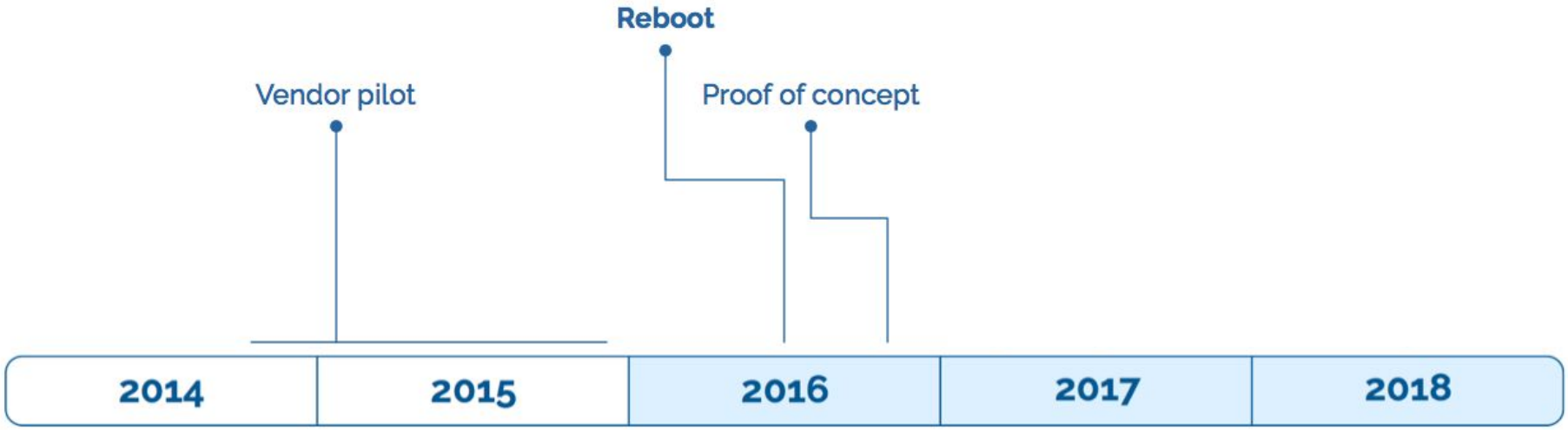

Reboot
Vendor pilot
Proof of concept
2014
2015
2016
2017
2018

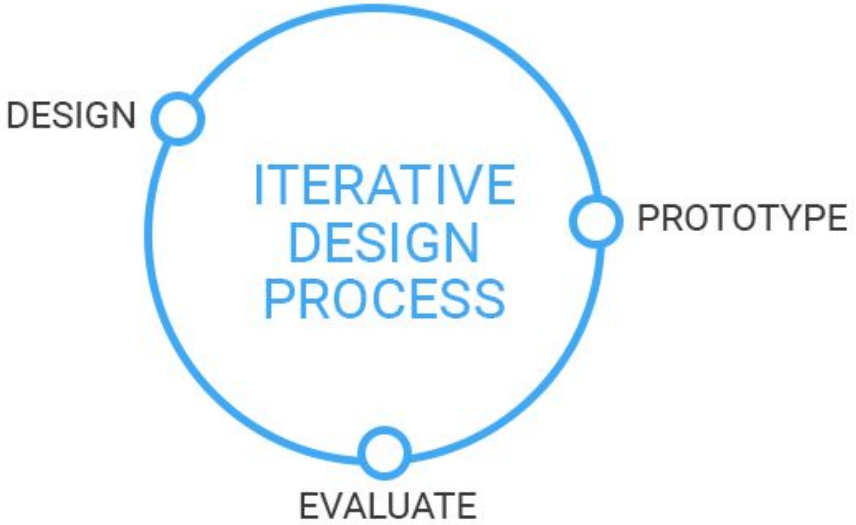
2016 Proof-of-Concept

- Proof-of-concept work Fall 2016
  - Build 2 reports for advisors
  - Use existing staff (OIT, OIR, DTEI)
  - Use existing technology (IBM Cognos)

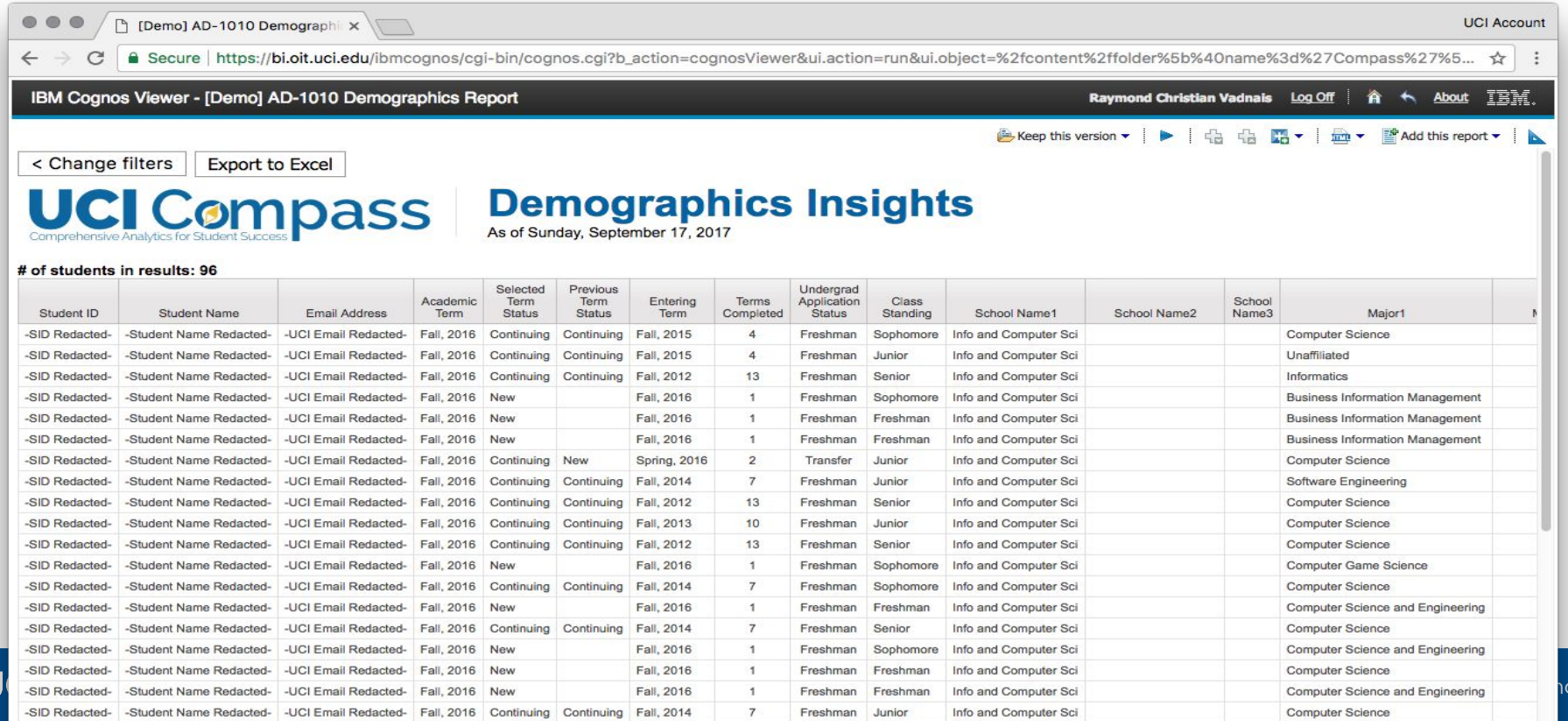
- Focus
  - Demographics (outreach)
  - Academic Probation (intervention)

2016 Proof-of-Concept

- Philosophy
  - User-centered Design
  - Build to the Need
  - Break down the Silos
  - Embed Ourselves
- Approach
  - Business Analysis
  - Prototyping
  - Iterate
  - Beta Test
  - Improve
  - REPEAT!

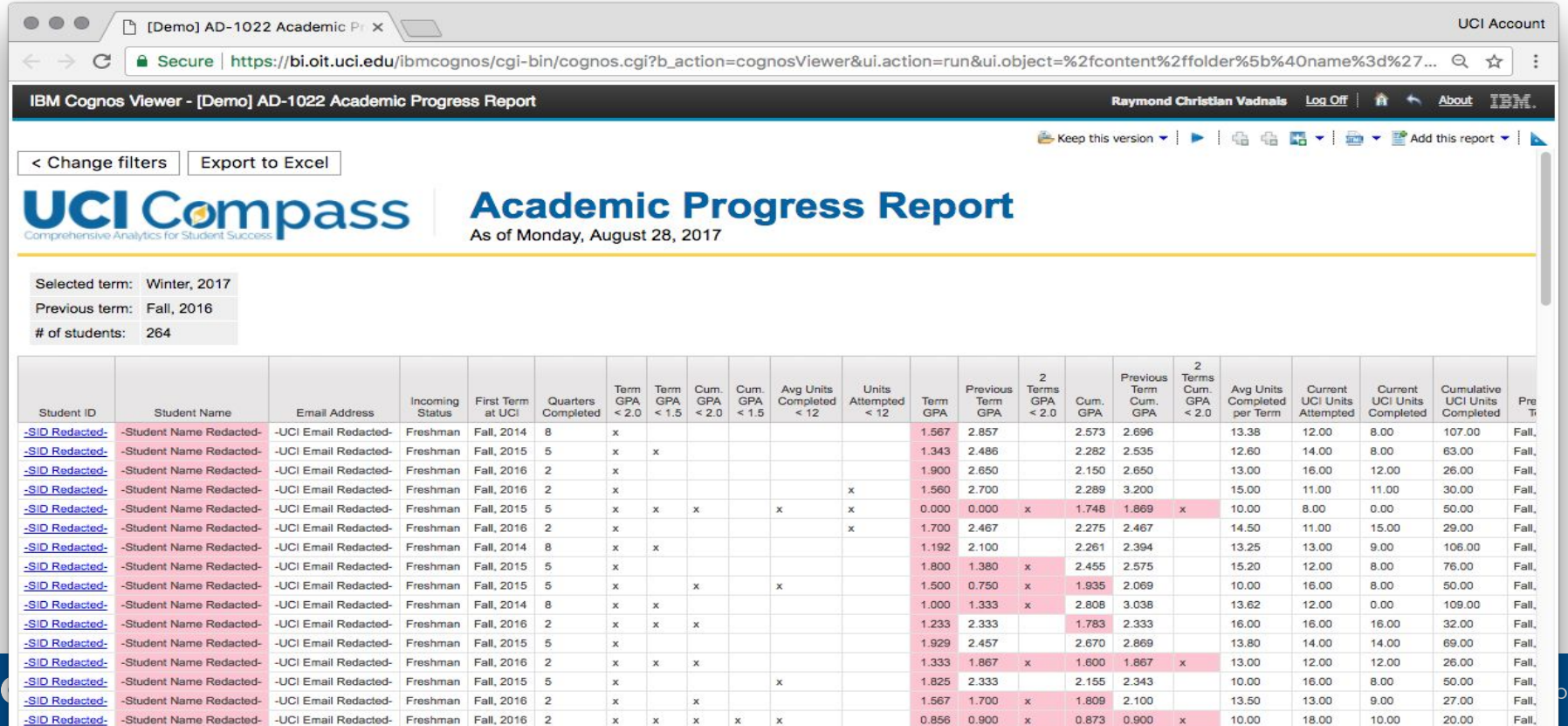


All The Columns!



Student ID	Student Name	Email Address	Academic Term	Selected Term Status	Previous Term Status	Entering Term	Terms Completed	Undergrad Application Status	Class Standing	School Name1	School Name2	School Name3	Major1
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Sophomore	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Junior	Info and Computer Sci			Unaffiliated
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci			Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	New	Spring, 2016	2	Transfer	Junior	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Junior	Info and Computer Sci			Software Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2013	10	Freshman	Junior	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci			Computer Game Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Sophomore	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Senior	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci			Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Junior	Info and Computer Sci			Computer Science

So. Many. Columns.



[Demo] AD-1022 Academic Pr

UCI Account

Secure | https://bi.oit.uci.edu/ibmcognos/cgi-bin/cognos.cgi?b_action=cognosViewer&ui.action=run&ui.object=%2fcontent%2ffolder%5b%40name%3d%27...

IBM Cognos Viewer - [Demo] AD-1022 Academic Progress Report

Raymond Christian Vadnais Log Off About IBM.

Keep this version | Add this report

< Change filters | Export to Excel

UCI Compass
Comprehensive Analytics for Student Success

Academic Progress Report

As of Monday, August 28, 2017

Selected term:	Winter, 2017
Previous term:	Fall, 2016
# of students:	264

Student ID	Student Name	Email Address	Incoming Status	First Term at UCI	Quarters Completed	Term GPA < 2.0	Term GPA < 1.5	Cum. GPA < 2.0	Cum. GPA < 1.5	Avg Units Completed < 12	Units Attempted < 12	Term GPA	Previous Term GPA	2 Terms GPA < 2.0	Cum. GPA	Previous Term Cum. GPA	2 Terms Cum. GPA < 2.0	Avg Units Completed per Term	Current UCI Units Attempted	Current UCI Units Completed	Cumulative UCI Units Completed	Pre T
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x						1.567	2.857		2.573	2.696		13.38	12.00	8.00	107.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x					1.343	2.486		2.282	2.535		12.60	14.00	8.00	63.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x						1.900	2.650		2.150	2.650		13.00	16.00	12.00	26.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x					x	1.560	2.700		2.289	3.200		15.00	11.00	11.00	30.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x	x		x	x	0.000	0.000	x	1.748	1.869	x	10.00	8.00	0.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x					x	1.700	2.467		2.275	2.467		14.50	11.00	15.00	29.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					1.192	2.100		2.261	2.394		13.25	13.00	9.00	106.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.800	1.380	x	2.455	2.575		15.20	12.00	8.00	76.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x		x		x		1.500	0.750	x	1.935	2.069		10.00	16.00	8.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					1.000	1.333	x	2.808	3.038		13.62	12.00	0.00	109.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x				1.233	2.333		1.783	2.333		16.00	16.00	16.00	32.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.929	2.457		2.670	2.869		13.80	14.00	14.00	69.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x				1.333	1.867	x	1.600	1.867	x	13.00	12.00	12.00	26.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x				x		1.825	2.333		2.155	2.343		10.00	16.00	8.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x		x				1.567	1.700	x	1.809	2.100		13.50	13.00	9.00	27.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x	x	x		0.856	0.900	x	0.873	0.900	x	10.00	18.00	10.00	20.00	Fall,

Feedback

"I have been able to run reports myself, no requests for the Registrar's Office. With Compass, it takes mere minutes to compile the information needed!"

- Engineering

"Compass has saved hours of work and allows me to quickly respond to requests by the dean or associate dean."

- Social Sciences

"Having direct access to Compass data equates to a savings of a few weeks per year on the part of one staff member."

- Business

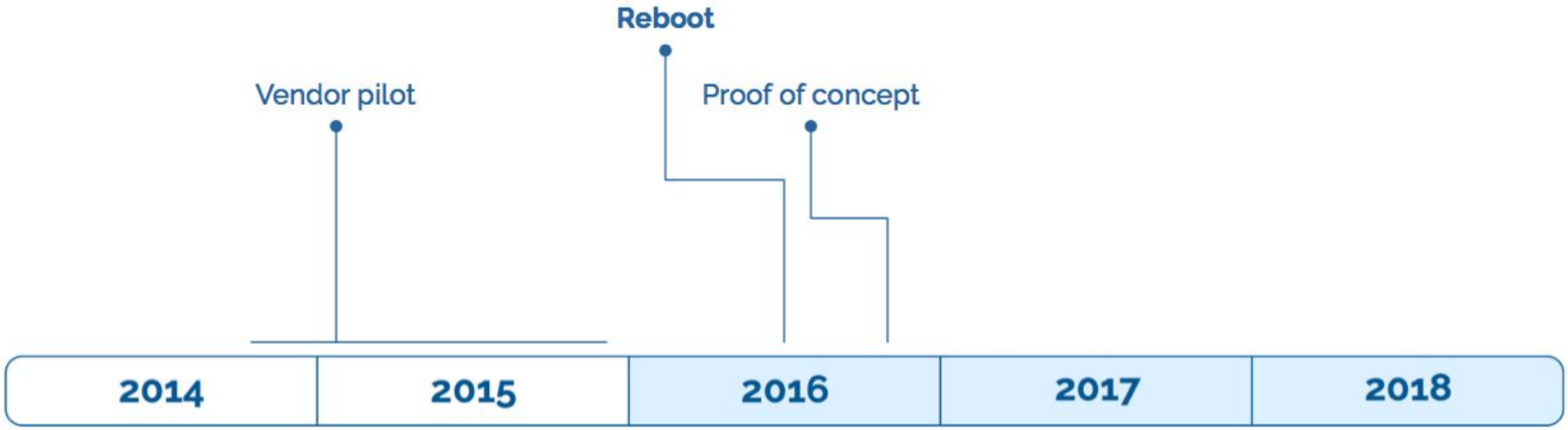
"It's really easy to sort and find specific populations of students. It's helped with programming and outreach for programs like Honors programs and events, a program for low-income students, a program for first-generation students, etc."

- Social Ecology

"Compass is a much easier and efficient way to gather, sort, and compile data needed by all departments."

- Physical Sciences

Background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Vendor pilot
Proof of concept
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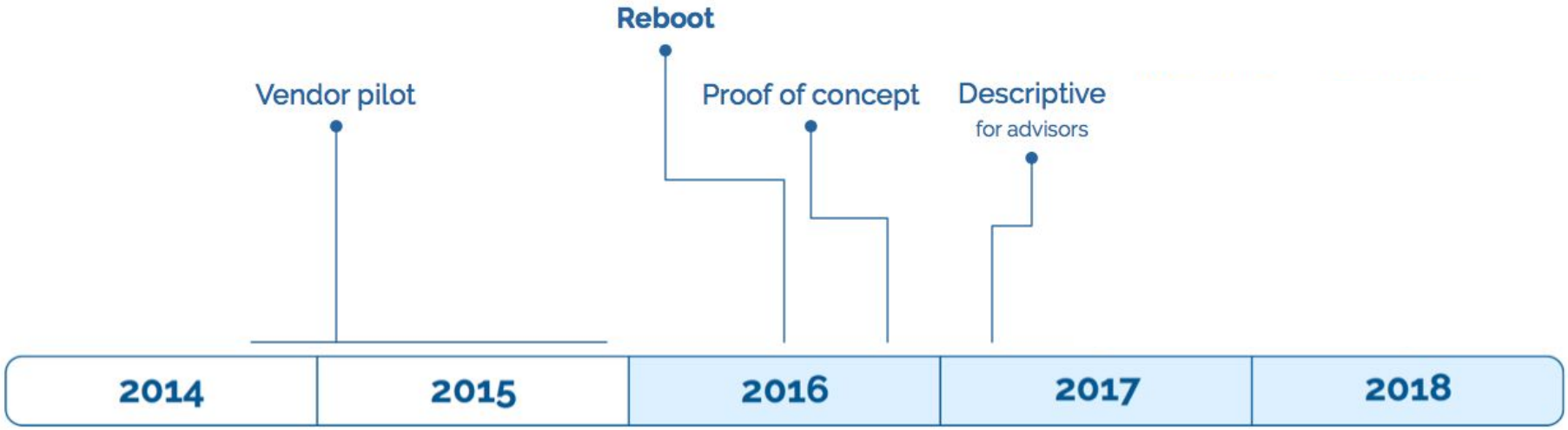
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for advisors
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Open for Business

Insights

Demographics Insights
Bulk demographic data for students, with various population filters.

Course Grade Distribution Insights
View & visualize the course final grade distribution across one or more classes.

Course Demographics Insights
Demographics at the course level. Available to instructors.

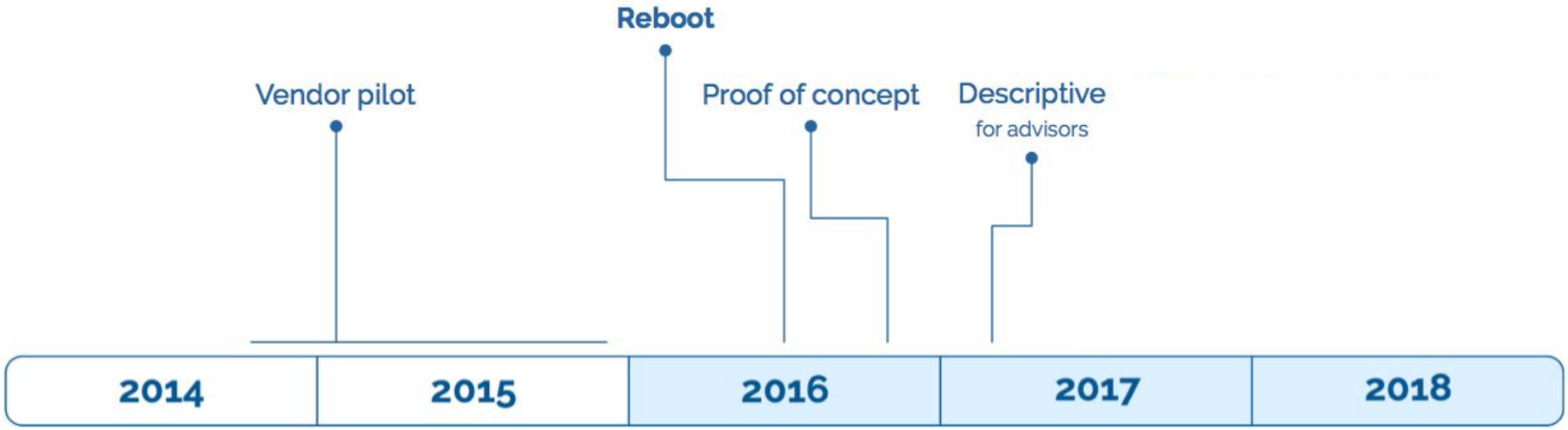
Progress

Academic Progress
Filter students by GPA (both low and high), units completed/attempted, and more.

Lower Division Writing Progress / UC Requirements Progress
Lower division writing progress with filters / UC Requirements completion with filters

Academic Pathway Progress (New!)
Course grades and course enrollment status for students to check on progress, monitor course repeats, and verify satisfactory prerequisite completion.

Background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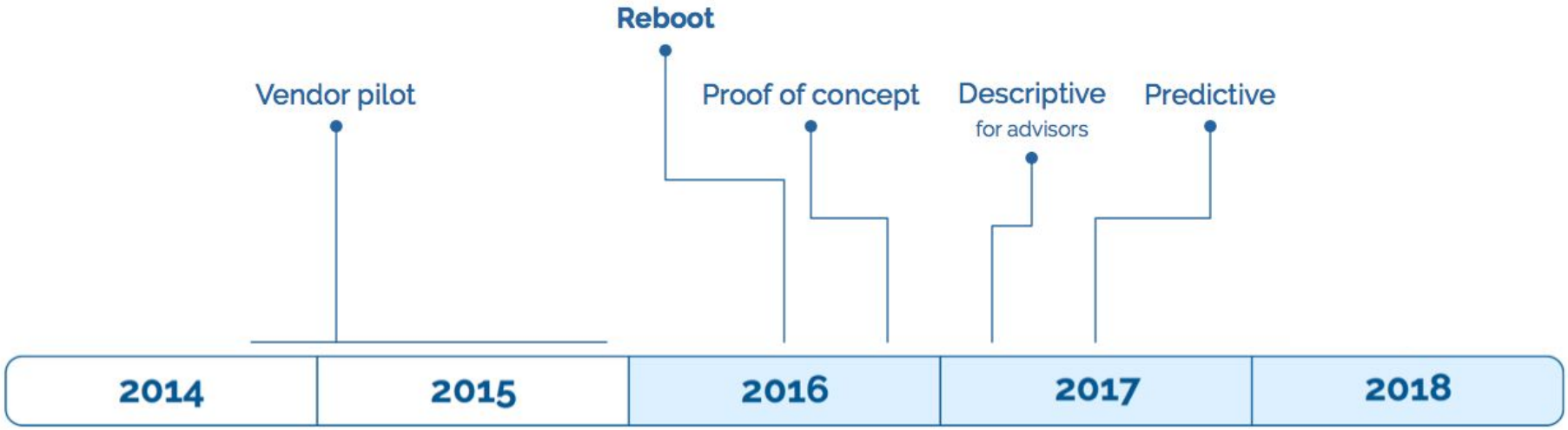
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Descriptive
for advisors
Predictive
2014
2015
2016
2017
2018

Predictive* Analytics

Year-one to Year-two Retention

Summer Session

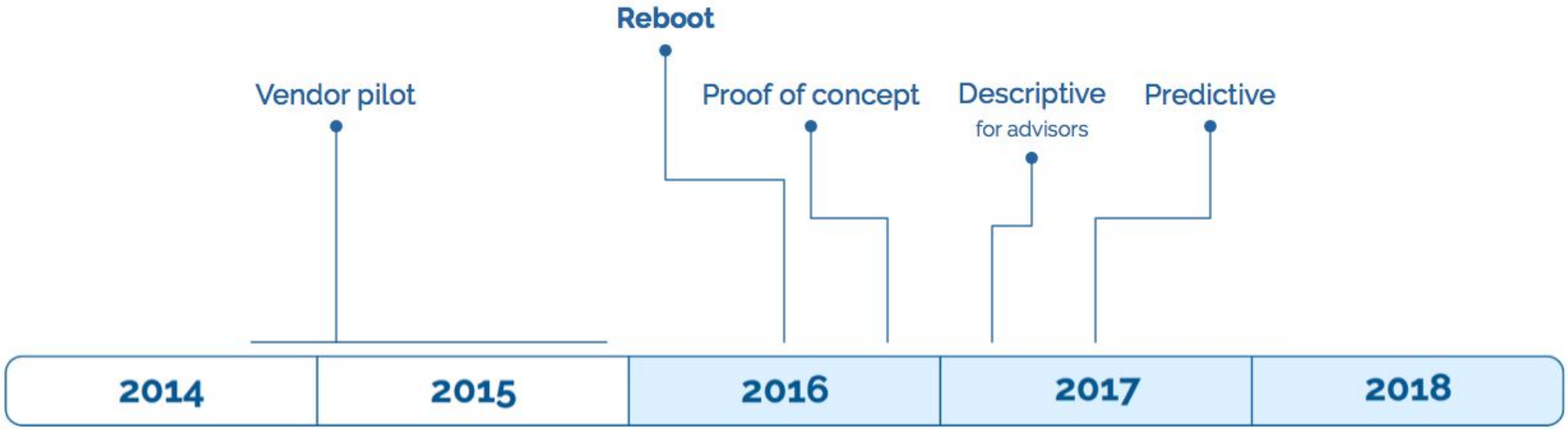
Learning and Academic Resource Center (LARC)

Curricular Pathways

Nudge (with vendor)

** Problematic term is problematic*

Background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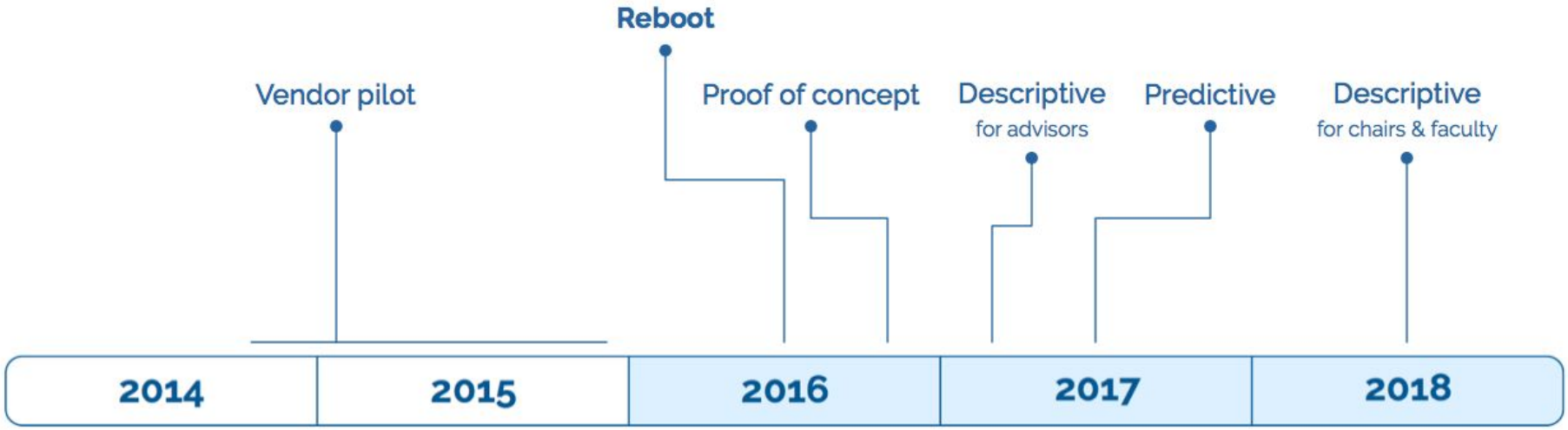
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Descriptive
for advisors
Predictive
Descriptive
for chairs & faculty
2014
2015
2016
2017
2018

Beyond Advising

Course Demographics Insights for Instructors

Course Grades Insights for Instructors

Chairs & Deans Dashboard

Oh wait! This is important!

Student Data Warehouse Pilot

Compass Team

Cross-functional across units

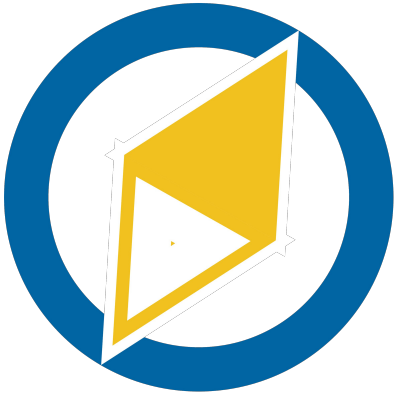
- Durendal Huynh, Business Intelligence Lead
- Josh Saldana, Data Science Lead
- Ray Vadnais, Descriptive Analytics Lead*
- Briandy Walden, Compass Project Lead*

(and of course, Vice Provost Michael Dennin, Project Champion)

**50% Time*

Cross-Campus Collaboration

- Execution of project: OVPTL + OIR + OIT
- Input:
  - Academic Advisors
  - Student support services on campus (DUE, Students Affairs, others)
  - Instructors
  - Students
- Oversight:
  - Vice Provost for Teaching & Learning
- Compass Advisory Committee
- Under the Covers:
  - Data Warehouse Team
  - All Data Source Partners



Descriptive Analytics Overview

Goal

Provide campus advisors, faculty, and students themselves with **actionable information** to improve student outcomes by **providing a set of Cognos reports** for campus advisors to **facilitate student data retrieval and analysis,** leading to **faster turn-around** on key student support actions.

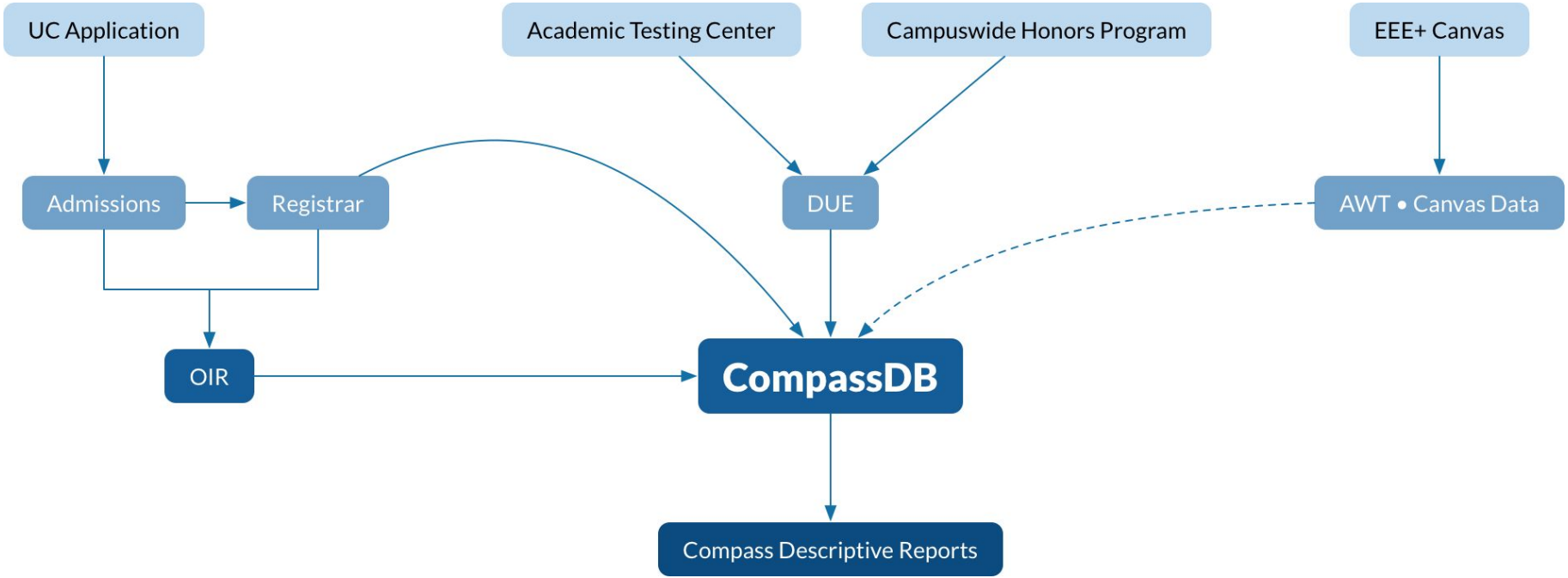
Collaboration

- **Advisors**: primary users; advising expertise, idea generation, use cases
- **Division of Teaching Excellence & Innovation**: student success knowledge, idea generation, executive support
- **Office of Institutional Research:** data, data expertise, reporting expertise, reports
- **Registrar:** data, data expertise
- **Office of Information Technology:** Cognos development, data warehouse development, UX design, business analysis, executive support

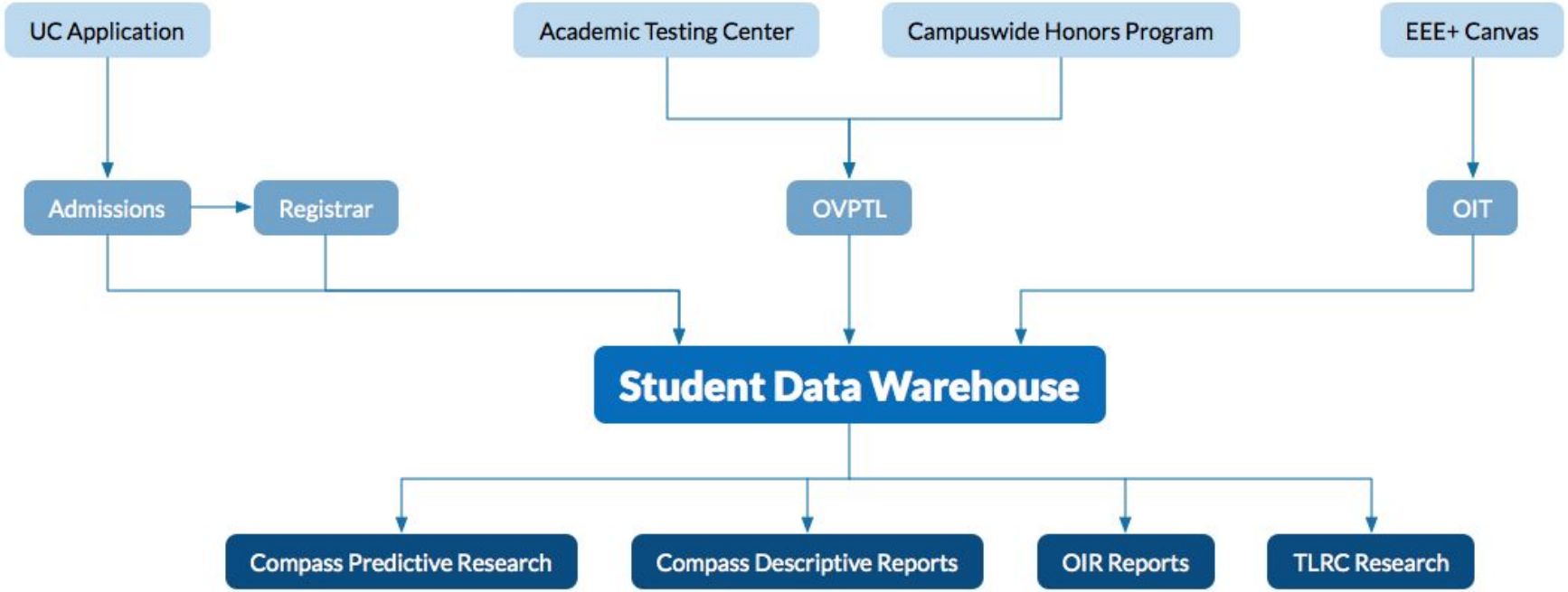
Consistent Demographics Data

- Consistent filters & columns on all filterable reports
- UC Application data
  - Ethnicity
  - Gender identity
  - First generation
  - Low income
  - California resident
  - International student
- Program participation
  - Student athlete
  - Campuswide Honors Program

Where does our data come from?



Where will all our data come from?

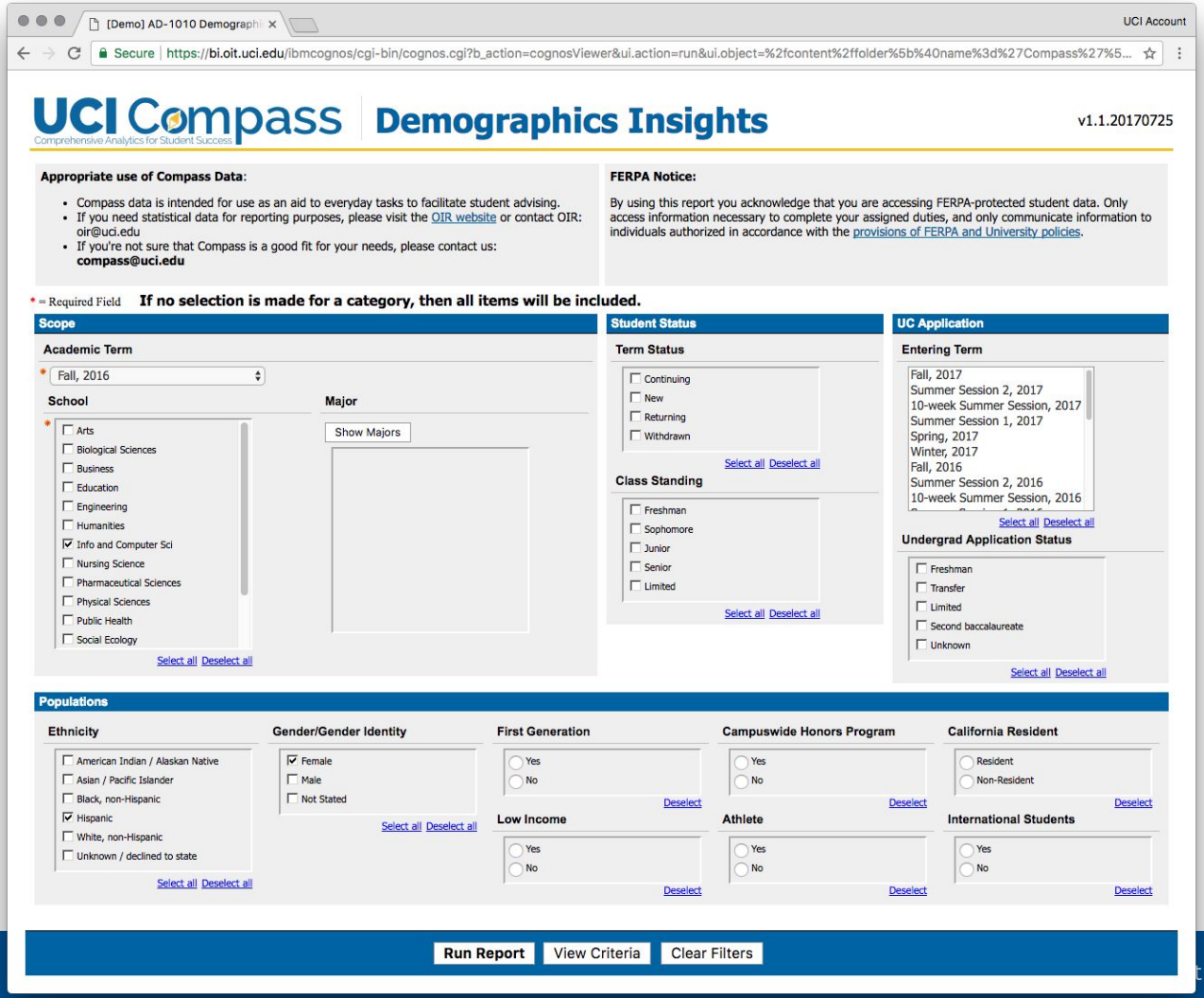


Who can access Compass reports?

- Reports with individualized/identifiable student data
  - Undergraduate advising offices
    - Advisors in school-level undergraduate advising units
  - Student support services
    - Staff providing student advising services in DUE Student Success Initiatives, DUE Campuswide Honors, UCI Athletics, and CAMP
  - Oversight
    - Need to demonstrate Legitimate Educational Interest (LEI)
    - FERPA training required for users with access to individualized student data
    - Registrar involved when granting access to individualized student data
- Reports that aggregate data/don't identify students
  - Associate Deans
  - Faculty

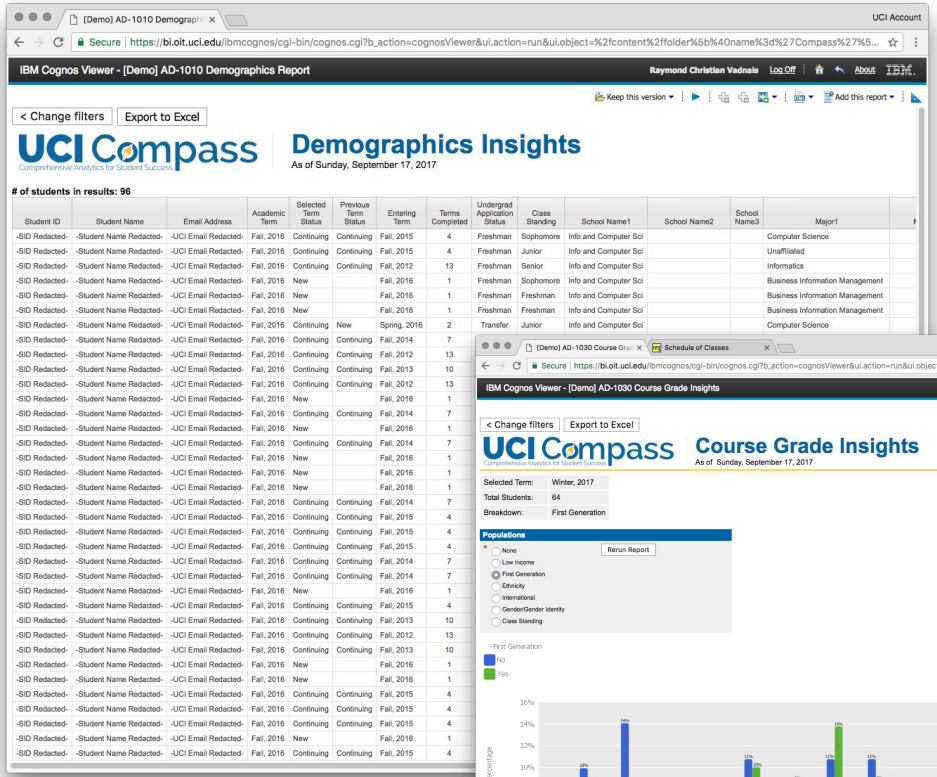
How are reports defined & maintained?

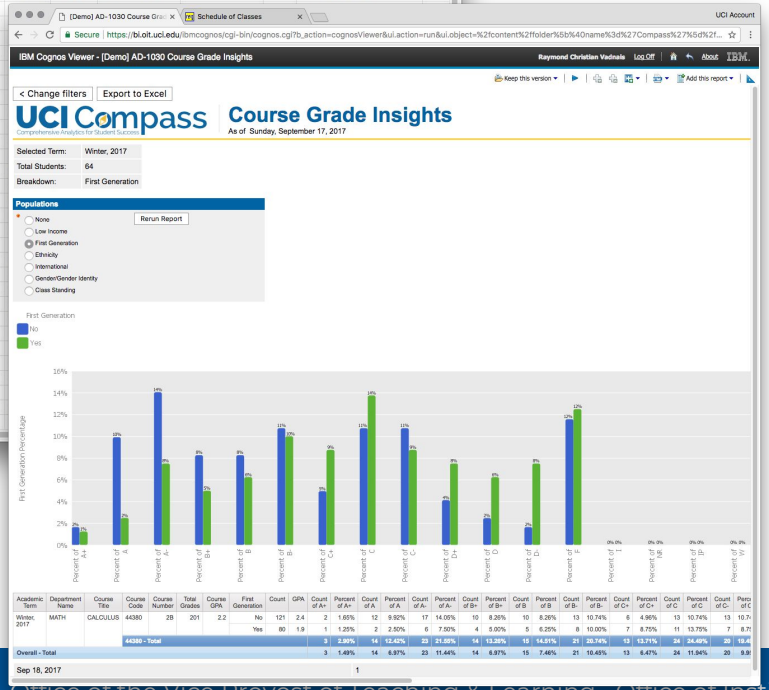
- Close partnership with users
- Built to common specs
  - Niche needs documented to help look for commonalities
  - Refer off to other units to satisfy really niche requests
- User feedback
  - Routinely:
    - Twice-per-year one-on-one meetings with directors of undergraduate advising units
    - Monthly attendance at director meetings
    - Support inbox for other requests: compass@uci.edu
  - During development:
    - One-on-one or small group meetings with key stakeholders (such as chairs, associate deans for upcoming department report)



FILTERS

Highly configurable input





REPORTS

Useful output: Spreadsheets or visualizations

as requested by our users

Compass Descriptive Reports

Insights: Learn & Discover

Quickly identify first generation students for outreach

View the demographics and aggregated bits of academic history of a class

- **Reports**
  - Student demographics
  - Course grade distribution
  - Course demographics

Progress: Monitor & Intervene

Identify struggling students and intervene as soon as possible

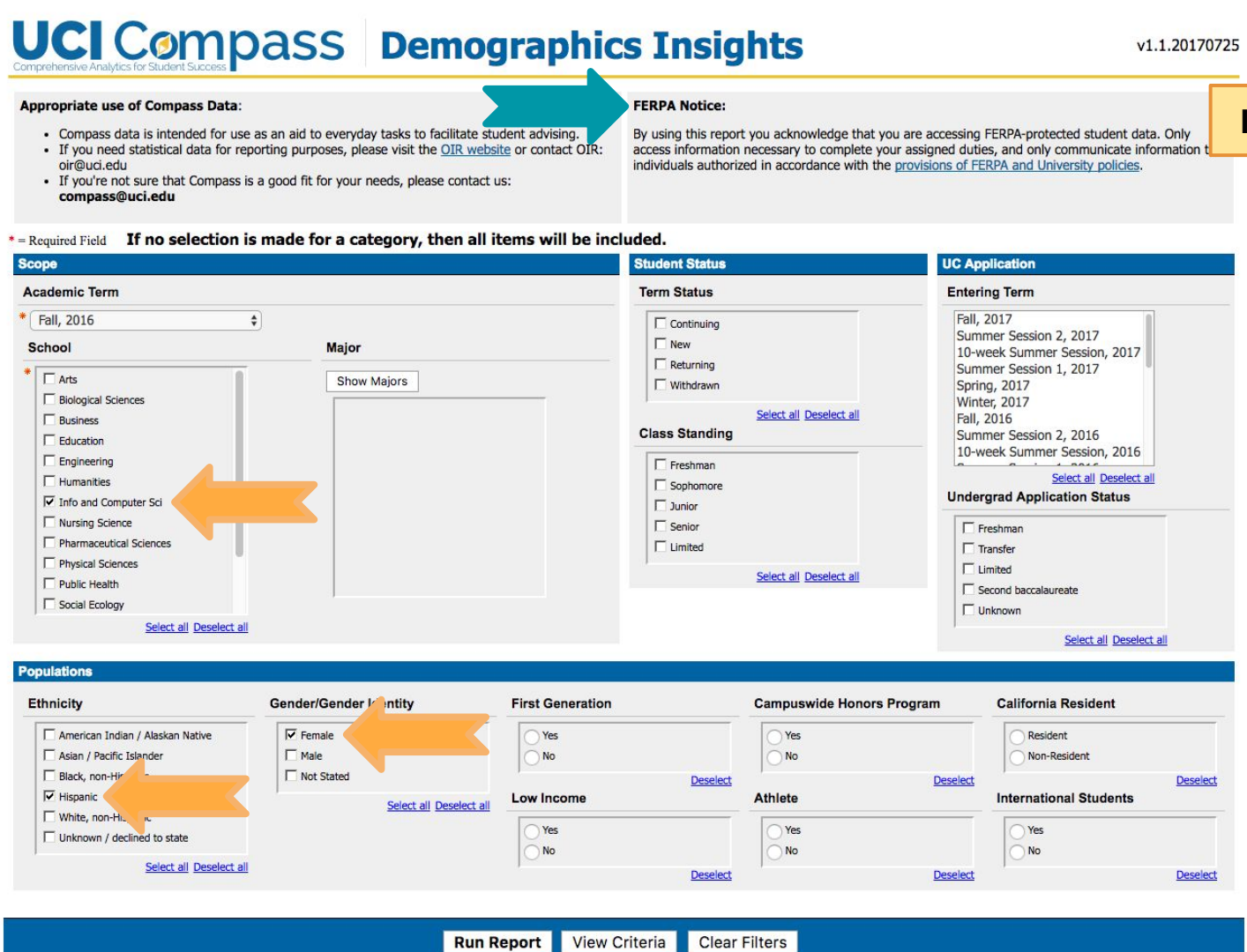
Easily spot students who aren't progressing through general requirements

- **Reports**
  - Academic progress
  - Lower-division writing requirements
  - UC requirements
  - Academic pathway progress

Insights: Student Demographics

Targeted scholarship opportunity

- **The problem:**
  - In Fall 2017, Information & Computer Sciences needed to identify all female, Hispanic students to participate in a certain program.
- **Without Compass:**
  - Ad-hoc request to Registrar, or manual merging of spreadsheets



Input Screen

IBM Cognos Viewer - [Demo] AD-1010 Demographics Report

Raymond Christian Vadnais Log Off About IBM.

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UCI Compass
Comprehensive Analytics for Student Success

Demographics Insights

As of Sunday, September 17, 2017

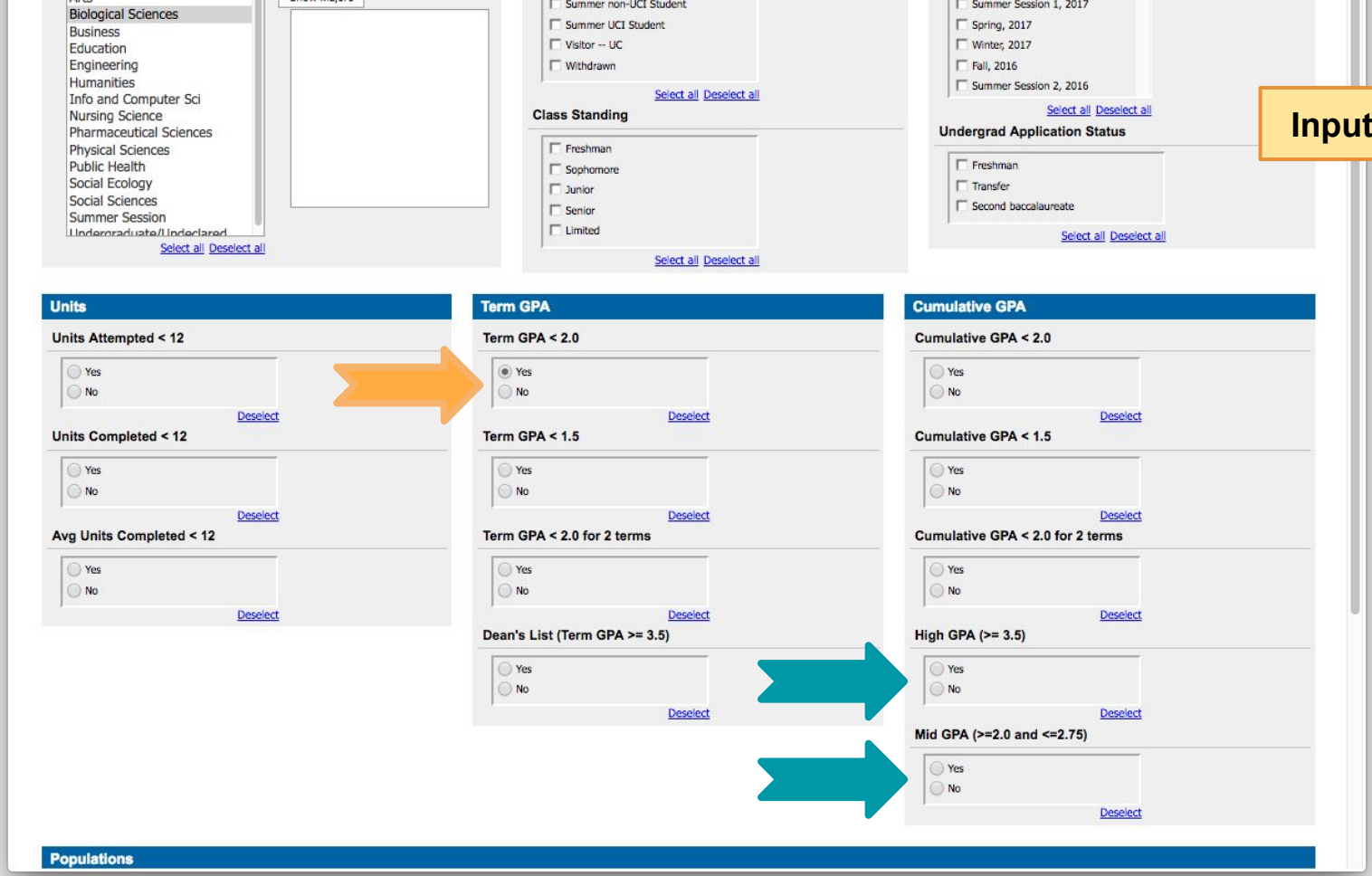
# of students in results: 96

Student ID	Student Name	Email Address	Selected	Previous Term Status	Entering Term	Terms Completed	Undergrad Application Status	Class Standing	School Name1	School Name2	School Name3	Major1
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Fall, 2015	4	Freshman	Sophomore	Info and Computer Sci			Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Fall, 2015	4	Freshman	Junior	Info and Computer Sci			Unaffiliated
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci			Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New	Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New	Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New	Fall, 2016	1	Freshman	Freshman	Info and Computer Sci			Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	New	Spring, 2016	2	Transfer	Junior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Junior	Info and Computer Sci		Software Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2013	10	Freshman	Junior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci		Computer Game Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Sophomore	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci		Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Senior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Sophomore	Info and Computer Sci		Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci		Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Junior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Sophomore	Info and Computer Sci		Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Junior	Info and Computer Sci		Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Junior	Info and Computer Sci		Unaffiliated
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Freshman	Junior	Info and Computer Sci		Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2014	7	Transfer	Senior	Info and Computer Sci		Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci		Business Information Management
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Sophomore	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2013	10	Freshman	Senior	Info and Computer Sci		Informatics
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2012	13	Freshman	Senior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2013	10	Freshman	Senior	Info and Computer Sci		Computer Science
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Freshman	Freshman	Info and Computer Sci		Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	New		Fall, 2016	1	Transfer	Junior	Info and Computer Sci		Computer Science and Engineering
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fall, 2016	Continuing	Continuing	Fall, 2015	4	Freshman	Junior	Info and Computer Sci		Computer Game Science

Progress: Academic Progress

Streamline academic progress monitoring

- **The problem:**
  - After Winter 2018 grades are submitted, the School of Biological Sciences needs to get a list of all students with a term GPA < 2.0 so they can ensure that those students are placed on contract in order to improve their academic standing and stay in the school.
- **Without Compass:**
  - End-of-term reports from the Registrar are downloaded from WebFiles, merged with old data to compare previous and current term GPA
  - Available week after grades are submitted (typically 4-5 days)



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UCI Compass
Comprehensive Analytics for Student Success

Academic Progress Report

As of Monday, August 28, 2017

Selected term:	Winter, 2017
Previous term:	Fall, 2016
# of students:	264

Student ID	Student Name	Email Address	Incomi... Stat...	...d		Term GPA < 2.0	Term GPA < 1.5	Cum. GPA < 2.0	Cum. GPA < 1.5	Avg Units Completed < 12	Units Attempted < 12	Term GPA	Previous Term GPA	2 Terms GPA < 2.0	Cum. GPA	Previous Term Cum. GPA	2 Terms Cum. GPA < 2.0	Avg Units Completed per Term	Current UCI Units Attempted	Current UCI Units Completed	Cumulative UCI Units Completed	Pre... T...
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x						1.567	2.857		2.573	2.696		13.38	12.00	8.00	107.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x					1.343	2.486		2.282	2.535		12.60	14.00	8.00	63.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x						1.900	2.650		2.150	2.650		13.00	16.00	12.00	26.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x					x	1.560	2.700		2.289	3.200		15.00	11.00	11.00	30.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x	x		x	x	0.000	0.000	x	1.748	1.869	x	10.00	8.00	0.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x					x	1.700	2.467		2.275	2.467		14.50	11.00	15.00	29.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					1.192	2.100		2.261	2.394		13.25	13.00	9.00	106.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.800	1.380	x	2.455	2.575		15.20	12.00	8.00	76.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x		x		x		1.500	0.750	x	1.935	2.069		10.00	16.00	8.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					1.000	1.333	x	2.808	3.038		13.62	12.00	0.00	109.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x				1.233	2.333		1.783	2.333		16.00	16.00	16.00	32.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.929	2.457		2.670	2.869		13.80	14.00	14.00	69.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x				1.333	1.867	x	1.600	1.867	x	13.00	12.00	12.00	26.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x				x		1.825	2.333		2.155	2.343		10.00	16.00	8.00	50.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x		x				1.567	1.700	x	1.809	2.100		13.50	13.00	9.00	27.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x	x	x	x	x		0.856	0.900	x	0.873	0.900	x	10.00	18.00	10.00	20.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					0.767	1.514	x	2.124	2.309		13.12	12.00	8.00	105.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x						1.567	2.900		2.233	2.900		13.00	12.00	12.00	26.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x					x	1.520	2.629		2.697	2.893		14.60	11.00	11.00	73.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.929	2.100		2.512	2.663		14.00	14.00	14.00	70.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2013	11	x						1.862	2.200		2.858	2.944		15.86	13.00	9.00	174.50	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.857	2.514		2.609	2.812		13.80	14.00	14.00	69.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.767	2.420		2.445	2.596		12.80	12.00	8.00	64.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x				x		1.800	3.200		2.360	3.200		11.00	12.00	12.00	22.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x					1.267	2.329		2.532	2.939		13.40	18.00	8.00	67.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x						1.900	1.700	x	2.550	2.625		14.88	12.00	12.00	119.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x	x					1.233	0.671	x	2.017	2.156		15.00	12.00	8.00	75.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2016	2	x		x	x			1.850	0.567	x	1.080	0.567	x	12.00	13.00	13.00	24.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x	x					1.444	1.445	x	2.355	2.487		13.69	13.50	13.50	109.50	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2014	8	x					x	1.821	2.433		2.972	3.060		17.31	9.50	9.50	138.50	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x					x	1.940	1.871	x	2.200	2.246		13.26	11.30	11.30	66.30	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.867	1.677	x	2.566	2.727		12.40	12.00	12.00	62.00	Fall,
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	Fall, 2015	5	x						1.914	1.886	x	2.394	2.514		14.60	14.00	14.00	73.00	Fall,

	Gender/Gender Identity	Cum. GPA	Term GPA	Previous Term GPA	Previous Term	EAP	C…		Ethnicity	International Student	First Generation	Low Income	California Resident	Veteran	Athlete	FERPA Block
	Male				Spring, 2017				Asian / Pacific Islander	Yes		Yes				
	Male									Yes						
	Female												Yes			
	Female												Yes			
	Female				Spring, 2017				Asian / Pacific Islander			Yes	Yes			
	Female												Yes			
	Female												Yes			
	Male												Yes			
	Male				Spring, 2017				Asian / Pacific Islander		Yes	Yes	Yes			
	Female				Spring, 2017				White, non-Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Black, non-Hispanic		Yes	Yes	Yes			
	Female												Yes			
	Male				Spring, 2017				White, non-Hispanic				Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				White, non-Hispanic							
	Male				Spring, 2017				Hispanic				Yes			
	Female												Yes			
	Male												Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Asian / Pacific Islander		Yes		Yes			
	Female				Spring, 2017				Asian / Pacific Islander				Yes			
	Female				Spring, 2017				Hispanic				Yes			
	Male				Spring, 2017				Hispanic			Yes	Yes			
	Female				Spring, 2017				Hispanic			Yes	Yes			
	Female												Yes			
	Female												Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Female				Spring, 2017				Hispanic		Yes	Yes	Yes			
	Male												Yes			
	Female				Spring, 2017				White, non-Hispanic		Yes	Yes	Yes			
	Male												Yes			
	Female				Spring, 2017				White, non-Hispanic		Yes		Yes			

[redacted] ([redacted])

Sophomore • 24.0 UCI units completed

Current Term: [redacted]

Incoming Status	Freshman
Term GPA	2.350
Cumulative GPA	2.400
Current UCI Units Attempted	8.0
Current UCI Units Completed	12.0
Terms Completed	2
UCI Units Completed	24.0
Total Units Completed	64.0
Avg Units Completed per Term	12.0

Enrollments

Academic Term	Course	Title	Final Grade
Fall, 2017	BIO SCI93	DNA TO ORGANISMS	C+
	CHEM1A	GENERAL CHEMISTRY	C+
	MGMT1	INTRO BUSINESS MGMT	B-
Winter, 2018	CHEM1B	GENERAL CHEMISTRY	C
	MATH2B	CALCULUS	D-
	REL STD5B	WORLD RELIGIONS II	B-
Spring, 2018	CHEM1C	GENERAL CHEMISTRY	C+
	MATH2B	CALCULUS	A
	PSYCH21A	ADOLESCENT PSYCH	A-
	UNI STU3	ZMBIES WTCHES&POISN	A
Fall, 2018	HISTORY21A	WORLD:INNOVATIONS	
	HISTORY21A	WRLD HIST:BEG-1650	
	MATH2D	MULTIVAR CALCULUS	
	WRITING39B	EXPOSITORY WRITING	

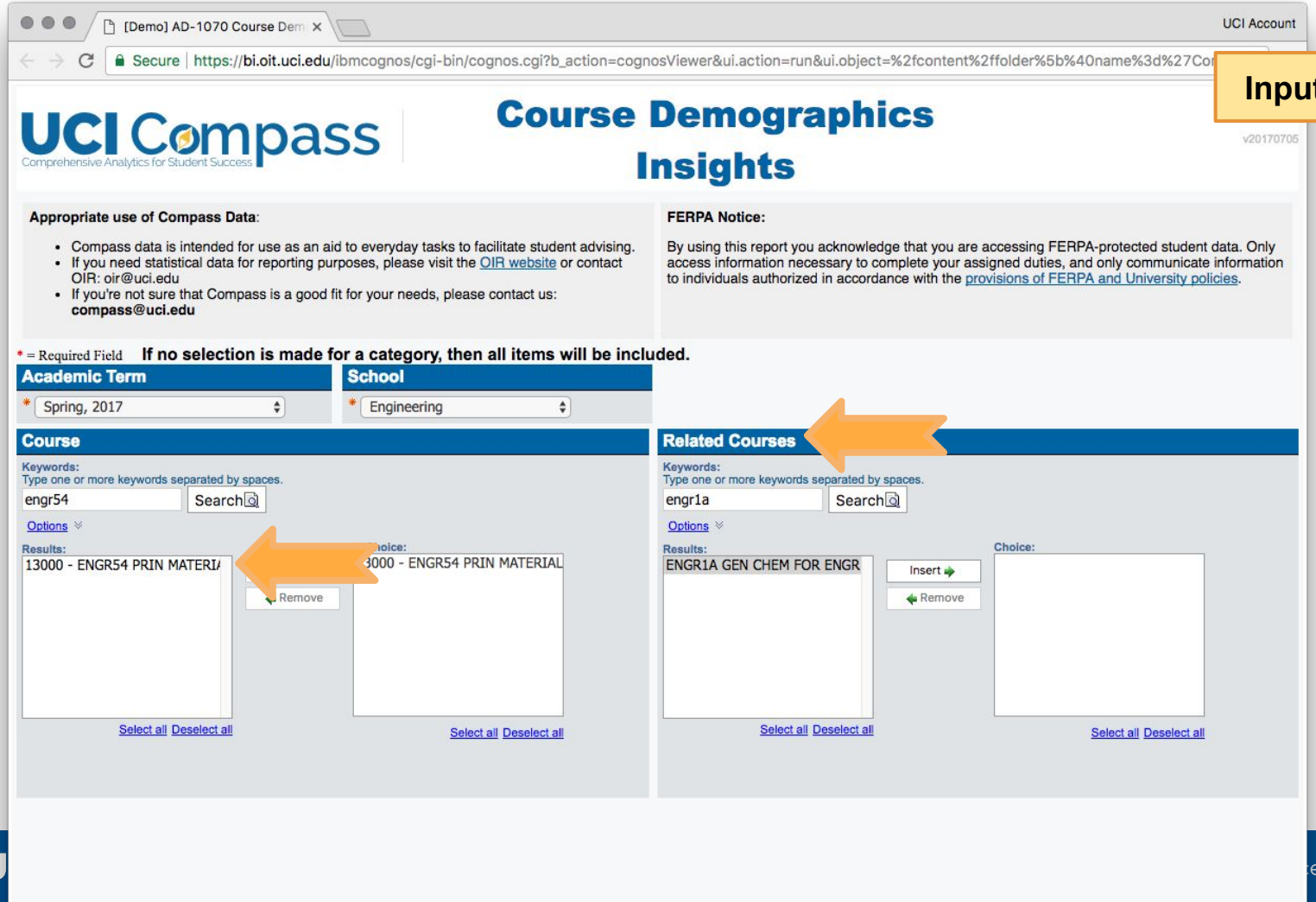
Population Information

First Generation	Yes
Low Income	Yes
International	-
Gender Identity	Male
Ethnicity	Hispanic
California Resident	Yes

Insights: Course Demographics

Optimize teaching for your learners

- **The problem:**
  - The associate dean in Engineering wants to know the demographic makeup of the Engineering 54 (Principles of Materials Science & Engineering) course offering in Spring 2017 so they can understand more about the enrollment in the course.
- **Without Compass:**
  - Ad-hoc request from the Registrar and manual WebAdmin lookups (if you have sufficient permissions to view certain bits of data)
- **Fun fact:**
  - This is the only Compass report available to all instructors at UCI!


[Demo] AD-1070 Course Dem
UCI Account
Secure | https://bi.oit.uci.edu/ibmcognos/cgi-bin/cognos.cgi?b_action=cognosViewer&ui.action=run&ui.object=%2fcontent%2ffolder%5b%40name%3d%27Co
UCI Compass
Comprehensive Analytics for Student Success
Course Demographics
Insights
v20170705
Appropriate use of Compass Data:
Compass data is intended for use as an aid to everyday tasks to facilitate student advising.
If you need statistical data for reporting purposes, please visit the OIR website or contact OIR: oir@uci.edu
If you're not sure that Compass is a good fit for your needs, please contact us: compass@uci.edu
FERPA Notice:
By using this report you acknowledge that you are accessing FERPA-protected student data. Only access information necessary to complete your assigned duties, and only communicate information to individuals authorized in accordance with the provisions of FERPA and University policies.
* = Required Field
If no selection is made for a category, then all items will be included.
Academic Term
* Spring, 2017
School
* Engineering
Course
Keywords:
Type one or more keywords separated by spaces.
engr54
Search
Options
Results:
13000 - ENGR54 PRIN MATERIA
Remove
Choice:
3000 - ENGR54 PRIN MATERIAL
Select all Deselect all
Select all Deselect all
Related Courses
Keywords:
Type one or more keywords separated by spaces.
engr1a
Search
Options
Results:
ENGR1A GEN CHEM FOR ENGR
Insert
Remove
Choice:
Select all Deselect all
Select all Deselect all
Input Screen

Edit Filters & Rerun Report

UCI Compass
Comprehensive Analytics for Student Success

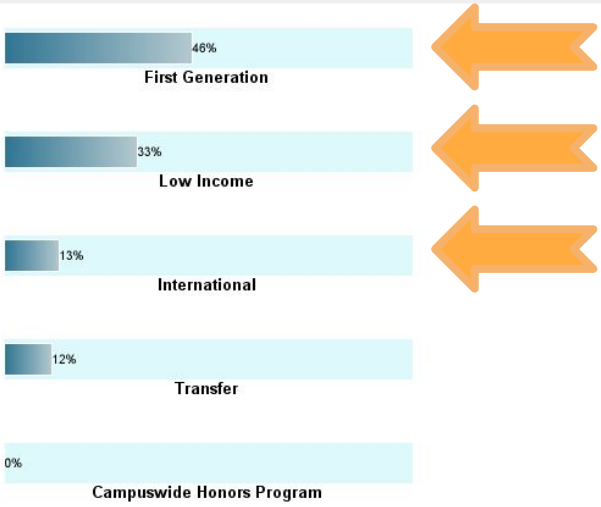
Course Demographics Insights - Spring, 2017

Run Date/Time: 08/29/2017 5:02:52 PM

ENGR 54: PRIN MATERIALS SCI

Course Code	Class Type	Students
13000	LEC	163
Students		**163**

POPULATION BREAKDOWN

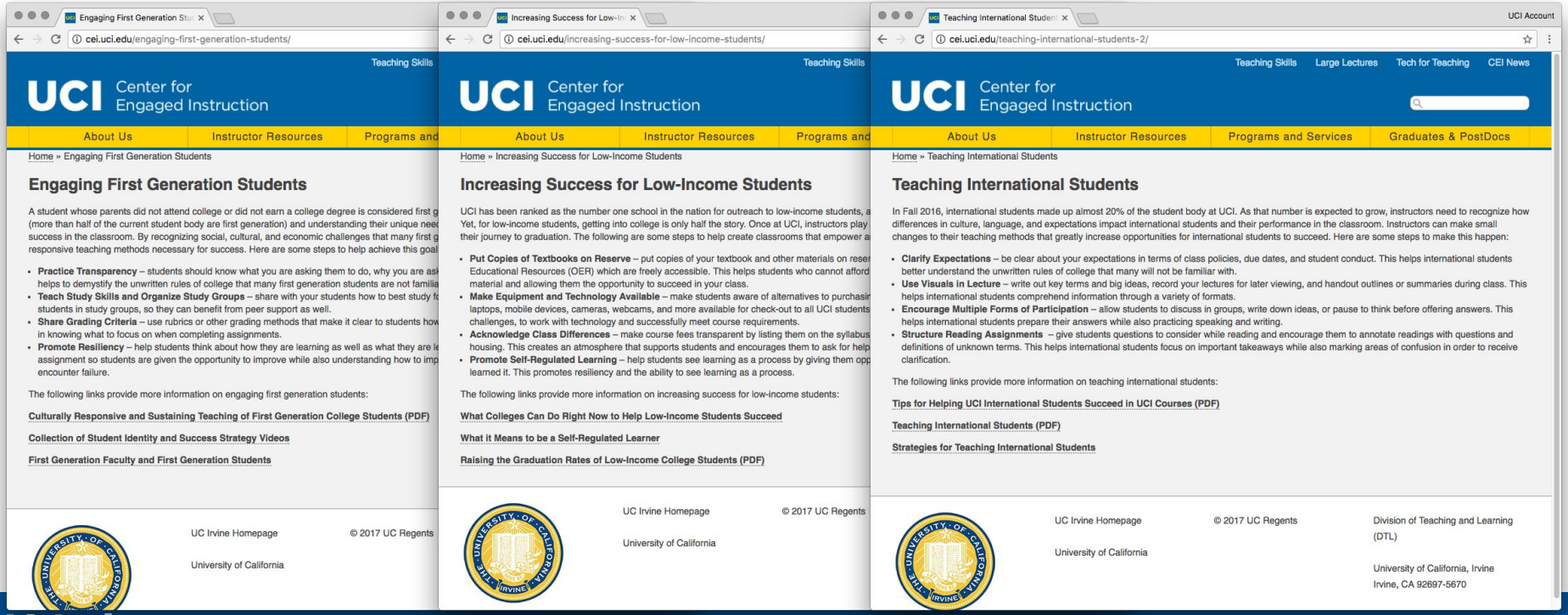


MAJORS

31.3%	Mechanical Engineering
15.3%	Civil Engineering
14.7%	Aerospace Engineering
11.0%	Biomedical Engineering
8.0%	Chemical Engineering
4.3%	Undeclared
4.3%	Materials Science Engineering
2.5%	Unaffiliated
1.2%	Mathematics
1.2%	Electrical Engineering
1.2%	Environmental Engineering
1.2%	Chemistry
0.6%	Earth System Science
0.6%	Education Sciences
0.6%	Biomedical Engineering: Premed
0.6%	Business Economics
0.6%	Environmental Science

Partnering with Center for Engaged Instruction

http://cei.uci.edu/instructor-resources/



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Demographics | Academics

Edit Filters & Rerun Report

UCI Compass
Comprehensive Analytics for Student Success

Course Demographics Insights: Academics - Spring, 2017

Run Date/Time: 08/29/2017 5:02:52 PM

ENGR 54: PRIN MATERIALS SCI

Course Code	Class Type	Students
13000	LEC	163
Students		**163**

LOWER DIVISION WRITING PROGRESS

Includes only students who entered UCI as a freshmen; does not include information about transfer students.

59%
Requirement completed

85%
Entry Level Writing completed

ADDITIONAL DETAILS

Class	Enrolled	Passed
Academic Writing English AC ENG 20ABCD	13%	13%
Composition Program WRITING 39ABC,30,31	72%	37%
Humanities Core HUMAN 1ABC, H1ABC	1%	0%

Passed: Students earned a C or better or a "P"

CONCURRENT LARC ENROLLMENT

LARC Details

% of students who are enrolled in a LARC tutorial associated with this class.

There is no concurrent LARC enrollment

REPEATED ENROLLMENT

Repeated Details

% of students who are repeating this class.

4% ENGR54

PAST ENROLLMENT

Past Enrollment Details

% of students who have completed (not necessarily passed) the indicated course (calculated based on # of unique students enrolled in the course who also completed the below courses at least once).

There is no past enrollment

Progress: Lower Division Writing Requirement

Ensure timely completion of degree

- **Need**:
  - The problem: International students typically have a longer pathway towards completing their lower-division writing requirement due to the need to take Academic English courses. In Spring 2017, Social Sciences needs to check the progress of these students and reach out to encourage writing class enrollment.
- **Without Compass**:
  - Imperfect quarterly lower-division writing report generated by DegreeWorks from the Registrar combined with per-student manual lookups in WebAdmin.

Note: The UC Requirements report is similar to this report

- If you're not sure that Compass is a good fit for your needs, please contact us: **compass@uci.edu**

individuals authorized in accordance with the provisions of FERPA and University policies.

* = Required Field If no selection is made for a category, then all items will be included.

Input Screen

Scope

Academic Term

* Spring, 2017

School

* Arts
Biological Sciences
Business
Education
Engineering
Humanities
Info and Computer Sci
Nursing Science
Pharmaceutical Sciences
Physical Sciences
Public Health
Social Ecology
Social Sciences
Summer Session
Undergraduate/Undeclared

Select all Deselect all

Major

Show Majors

Student Status

Term Status

- ☐ Continuing
- ☐ New
- ☐ Withdrawn

Select all Deselect all

Class Standing

- ☑ Freshman
- ☑ Sophomore
- ☐ Junior
- ☐ Senior

Select all Deselect all

UC Application

Entering Term

Fall, 2017
Summer Session 2, 2017
10-week Summer Session, 2017
Summer Session 1, 2017
Spring, 2017
Winter, 2017
Fall, 2016
Summer Session 2, 2016
10-week Summer Session, 2016
Summer Session 1, 2016
Spring, 2016

Select all Deselect all

Undergrad Application Status

- ☑ Freshman
- ☐ Transfer

Select all Deselect all

Writing Requirement Completion Status

Entry Level Writing Requirement

- ☐ Course passed
- ☐ Requirement not satisfied
- ☐ Requirement satisfied
- ☐ Test passed

Select all Deselect all

Lower-division Writing Requirement

- ○ Completed
- ◉ Incomplete

Deselect

Populations

Ethnicity

- ☐ American Indian / Alaskan Native
- ☐ Asian / Pacific Islander
- ☐ Black, non-Hispanic
- ☐ Hispanic
- ☐ White, non-Hispanic
- ☐ Unknown / declined to state

Select all Deselect all

Gender/Gender Identity

- ☐ Female
- ☐ Male
- ☐ Not Stated

Select all Deselect all

First Generation

- ○ Y
- ○ N

Deselect

California Resident

- ○ Resident
- ○ Non-Resident

Deselect

Low Income

- ○ Y
- ○ N

Deselect

International Students

- ◉ Y
- ○ N

Deselect

UCI Compass
Comprehensive Analytics for Student Success

Lower-Division Writing Progress Report

Selected term:	Spring, 2017
Previous term:	Fall, 2017
# of students:	581

Student ID	Student Name	Email Ac		Quarters Completed	Selected Term Enrollment	Next Term Enrollment (Fall, 2017)	Summer Term Enrollment	Requirement Status	First Term at UCI	Cum. UCI Units Completed	GPA Cumulative	Entry Level Writing	A Rea
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Fres an	8	WRITING39A				Fall, 2012	79		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	7	WRITING39B				Fall, 2014	74		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39C			Fall, 2015	76		Course passed	25
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	92		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	85		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39B			Fall, 2015	88		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	AC ENG20D	WRITING39A			Fall, 2015	68.3		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	84		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6					Fall, 2015	76		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39A			Fall, 2015	79.3		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39C			Fall, 2015	89		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6					Fall, 2015	68		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6					Fall, 2015	80		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39B				Fall, 2015	70.3		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	85		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39B	WRITING39C			Fall, 2015	89		Requirement satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39C				Fall, 2015	88		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39A			Fall, 2015	52		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6					Fall, 2015	48		Course passed	16
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39B				Fall, 2015	75		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	77		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A				Fall, 2015	64		Requirement not satisfied	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39C			Fall, 2015	88		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39C			Fall, 2015	86		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6					Fall, 2015	88		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39C			Fall, 2015	83		Course passed	31
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39B	WRITING39C			Fall, 2015	81		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39A	WRITING39B			Fall, 2015	68		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6	WRITING39B	WRITING39C			Fall, 2015	88		Course passed	
-SID Redacted-	-Student Name Redacted-	-UCI Email Redacted-	Freshman	6		WRITING39A			Fall, 2015	58		Requirement not satisfied	

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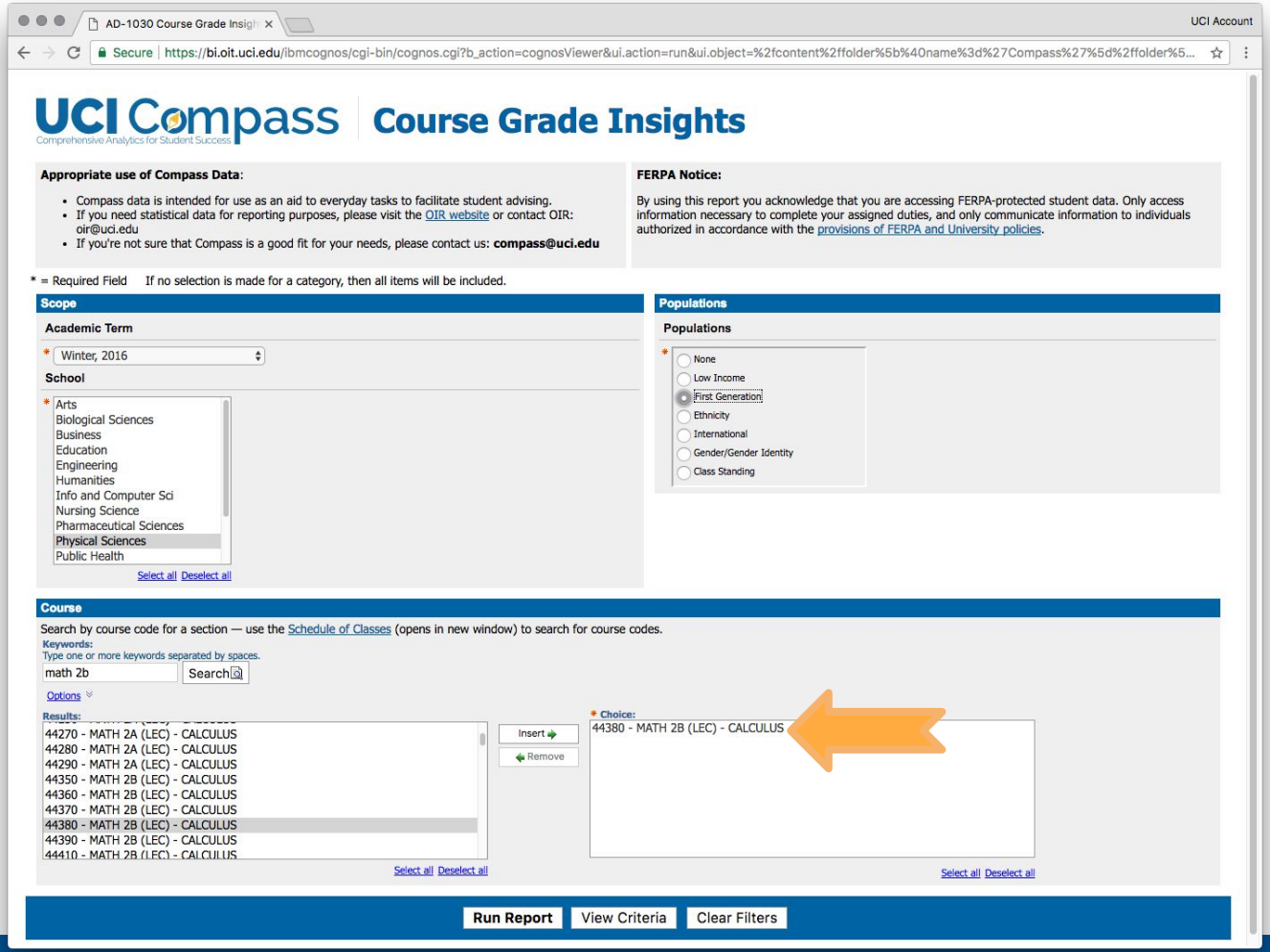
Division Writing Progress Report

Selected Term Enrollment	Next Term Enrollment (Fall, 2017)	Summer Term Enrollment	Requirement Status	First Term at UCI	Cum. UCI		Entry Level Writing	ACT Reading	AP English Lang	AP			SubjectA Date	SubjectA Placement
WRITING39A		10-week Summer Session, 2017 -- WRITING39B		Fall, 2012	79	2.237	Course passed				530	55		
				Fall, 2014	87	2.434	Requirement satisfied				510	400	May 10, 2014	39B/H1A
WRITING39B	WRITING39C			Fall, 2014	74	2.721	Course passed				520	560		
		10-week Summer Session, 2017 -- WRITING39C		Fall, 2015	88	2.737	Course passed				430	530	May 9, 2015	ESL
WRITING39A	WRITING39B			Fall, 2015	78.6	3.004	Course passed				360	450		
	WRITING39C	10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	88	3.228	Course passed				480	590		
		10-week Summer Session, 2017 -- WRITING39A		Fall, 2015	76	2.571	Requirement not satisfied				530	620		
		10-week Summer Session, 2017 -- WRITING39A		Fall, 2015	76	2.247	Requirement not satisfied				440	560		
	WRITING39C	10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	78	2.878	Course passed				430	570		
	WRITING39B			Fall, 2015	77	2.480	Course passed				450	580		
				Fall, 2015			Course passed				600	590		
WRITING39B				Fall, 2015	64	2.515	Course passed				500	590		
WRITING39A				Fall, 2015	89	2.911	Course passed				460	540		
WRITING39B				Fall, 2015	74	3.133	Requirement satisfied				680	730		
	WRITING39C	10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	89	2.875	Course passed				660	580		
		10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	88	2.783	Course passed				430	540		
WRITING39B				Fall, 2015	88	3.160	Course passed				470	530		
WRITING39A				Fall, 2015	55	2.065	Requirement not satisfied				470	490		
		10-week Summer Session, 2017 -- WRITING39A		Fall, 2015	48	1.830	Requirement not satisfied	16			670	610		
WRITING39A	WRITING39C	10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	81	2.728	Course passed				580	590		
	WRITING39C	10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	84	2.680	Requirement satisfied				690	700		
WRITING39A				Fall, 2014	69	2.256	Requirement not satisfied				520	600		
WRITING39A				Fall, 2015	64	2.008	Requirement not satisfied				570	520		
	WRITING39B	10-week Summer Session, 2017 -- WRITING39A		Fall, 2015	72	2.769	Requirement not satisfied				560	510		
WRITING39A	WRITING39B			Fall, 2015	88	2.400	Course passed				620	540		
WRITING39A	WRITING39B			Fall, 2015	85.9	2.973	Course passed				470	550		
WRITING39A	WRITING39B			Fall, 2015	92	3.063	Requirement not satisfied				450	580		
	WRITING39B			Fall, 2015			Course passed				450	570		
		10-week Summer Session, 2017 -- WRITING39C		Fall, 2015	86	2.905	Course passed	24			460	440	Aug 9, 2015	39A/H
		10-week Summer Session, 2017 -- WRITING39B		Fall, 2015	80	2.700	Course passed				640	660		
WRITING39A	WRITING39B			Fall, 2015	77	2.488	Course passed				370	500		
		10-week Summer Session, 2017 -- WRITING39C		Fall, 2015	84	2.495	Course passed				430	430	May 9, 2015	ESL

Insights: Course Grades

Support students in a challenging course

- **The problem:**
  - The Math 2B course (Calculus) in Physical Sciences is a challenge for new students, especially for certain populations. A department needed to know how first generation students performed in Winter 2016 so they could determine how to better help these students succeed.
- **Without Compass**:
  - Ad-hoc requests from the Registrar or manual grade lookups in WebAdmin



Input Screen

UCI Compass — Course Grade Insights

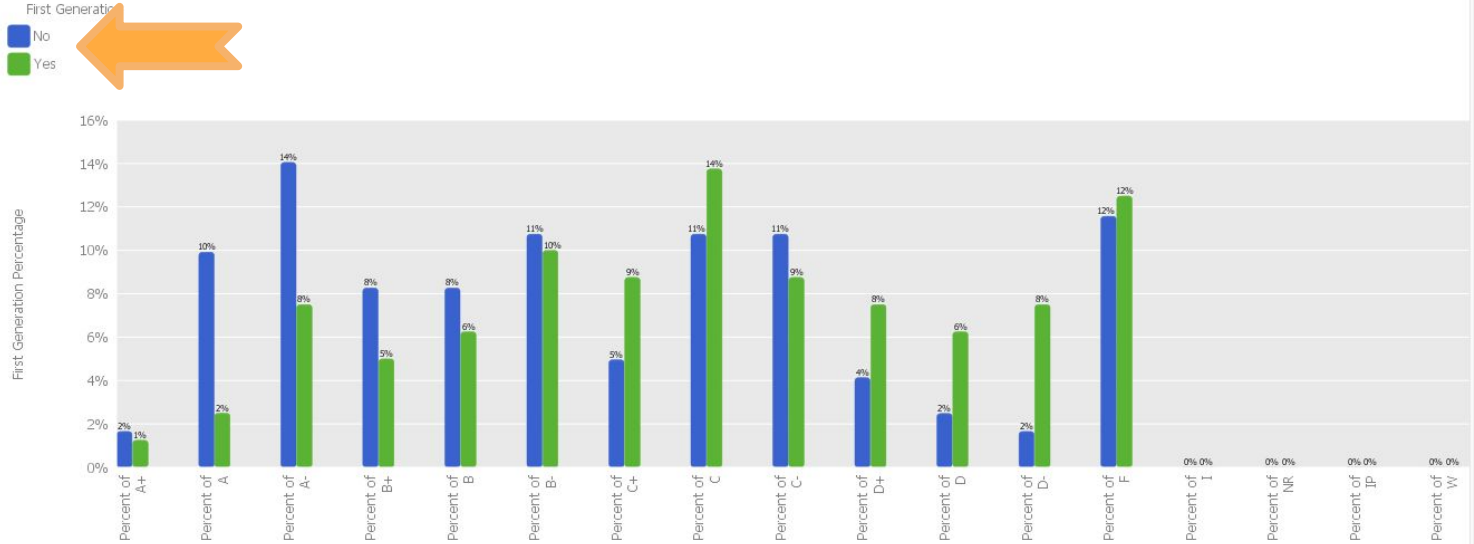
Comprehensive Analytics for Student Success

Selected Term:	Winter, 2017
Total Students:	64
Breakdown:	First Generation

Populations

- None
- Low Income
- First Generation
- Ethnicity
- International
- Gender/Gender Identity
- Class Standing

Rerun Report



Academic Term	Department Name	Course Title	Course Code	Course Number	Total Grades	Course GPA	First Generation	Count	GPA	Count of A+	Percent of A+	Count of A	Percent of A	Count of A-	Percent of A-	Count of B+	Percent of B+	Count of B	Percent of B	Count of B-	Percent of B-	Count of C+	Percent of C+	Count of C	Percent of C	Count of C-	Perce of C
Winter, 2017	MATH	CALCULUS	44380	2B	201	2.2	No	121	2.4	2	1.65%	12	9.92%	17	14.05%	10	8.26%	10	8.26%	13	10.74%	6	4.96%	13	10.74%	13	10.7
							Yes	80	1.9	1	1.25%	2	2.50%	6	7.50%	4	5.00%	5	6.25%	8	10.00%	7	8.75%	11	13.75%	7	8.7

Progress: Academic Pathway Progress

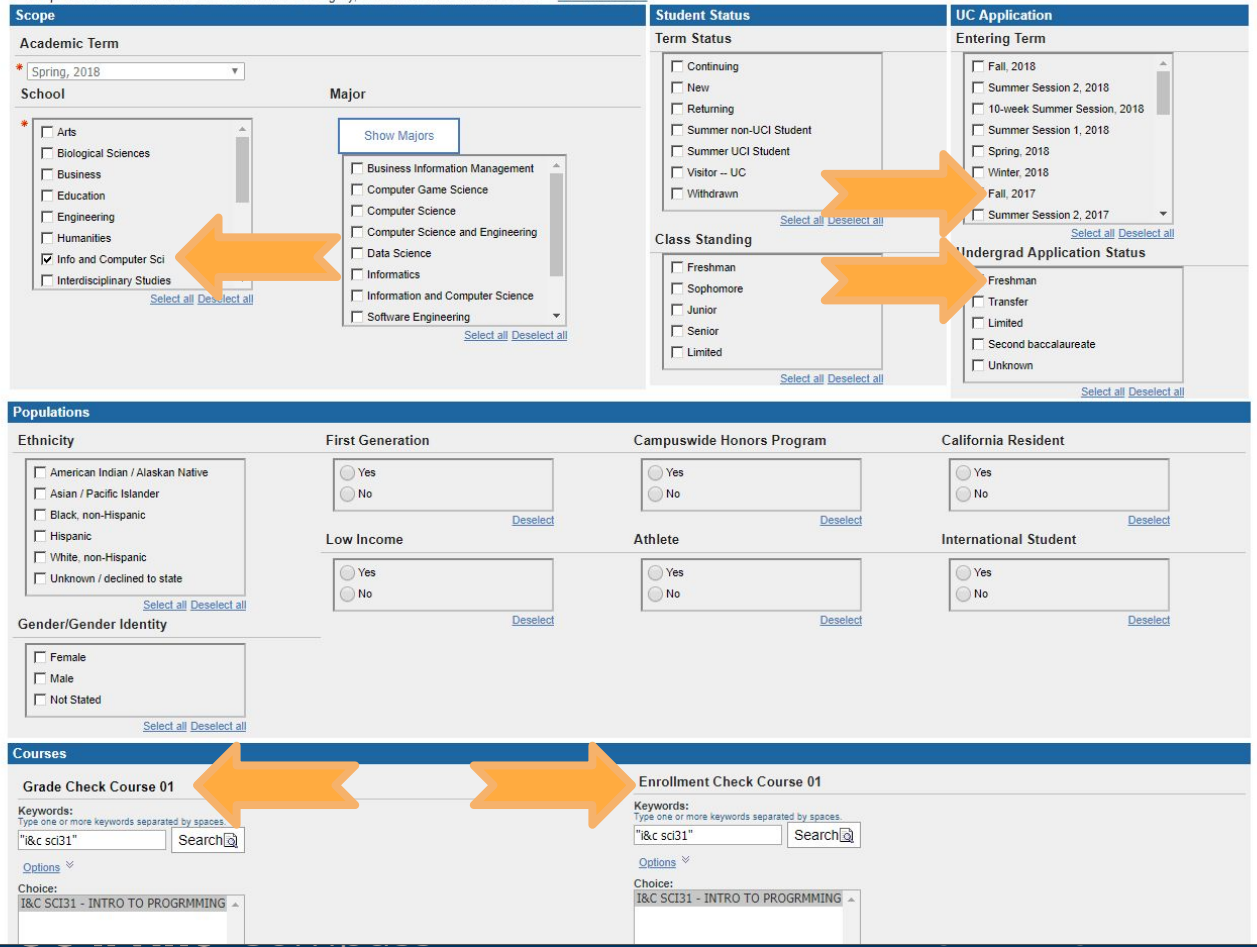
Check course completion progress & verify enrollment

- **The problem**:
  - The associate dean in Computer Science wants to know how their Fall 2017 freshman cohort is progressing through the introductory computer science course sequence (31, 32, and 33).
- **Without Compass**:
  - Ad-hoc request from the Registrar and manual lookups in various web applications

- If you need statistical data for reporting purposes, please visit the OIR website or contact OIR: oir@uci.edu
- If you're not sure that Compass is a good fit for your needs, please contact us: **compass@uci.edu**

By using this report you acknowledge that you are accessing FERPA-protected student data. Only access information necessary to complete your assigned duties, and only communicate information to individuals authorized in accordance with the provisions of FERPA and University policies.

* = Required Field If no selection is made for a category, then all items will be included. Go To Courses



Input Screen

Back | Export to Excel

UCI Compass
Comprehensive Analytics for Student Success

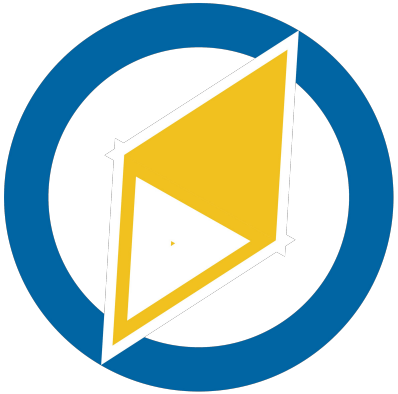
Academic Pathway Progress

Current Term:	Spring, 2018	**Grade Check 1:**	I&C SCI31 - INTRO TO PROGRMMING	**Enrollment Check 1:**	I&C SCI31 - INTRO TO PROGRMMING
Count of Students in this report:	492 (Displaying 25 at a time)	**Grade Check 2:**	I&C SCI32 - PROG SOFTWARE LIBR	**Enrollment Check 2:**	I&C SCI32 - PROG SOFTWARE LIBR
		Grade Check 3:	I&C SCI33 - INTERMEDIATE PRGRMG	**Enrollment Check 3:**	I&C SCI33 - INTERMEDIATE PRGRMG

Student ID	Student Name	Email Address	Undergrad Application Status	Standing	Completed	I&C SCI31 Highest Grade	I&C SCI32 Highest Grade	I&C SCI33 Highest Grade	I&C SCI31 Spring, 2018 Enrolled	I&C SCI32 Spring, 2018 Enrolled	I&C SCI33 Spring, 2018 Enrolled	Status	Term	Academic Term	School Name1
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			A+				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	A	A+	A+				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Junior	3			A				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			A-				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Freshman	3	B				Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			A-				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Freshman	3	B-	D-			Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			A				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	B-	F			Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	B	F			Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Freshman	3	C	D-			Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	B	C	B				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	A	B				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	B+	C+				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3							Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	A	B-				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Freshman	3	B+	C+				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Junior	3	C	W			Yes		Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			A				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	A-	A-				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3	A	B				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Junior	3	A	C+				Yes	Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3			B+				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Sophomore	3							Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci
[Student ID #]	[Student Name]	[Email Address]	Freshman	Junior	3			A				Continuing	Fall, 2017	Spring, 2018	Info and Computer Sci

What we're working on: 2018 & beyond

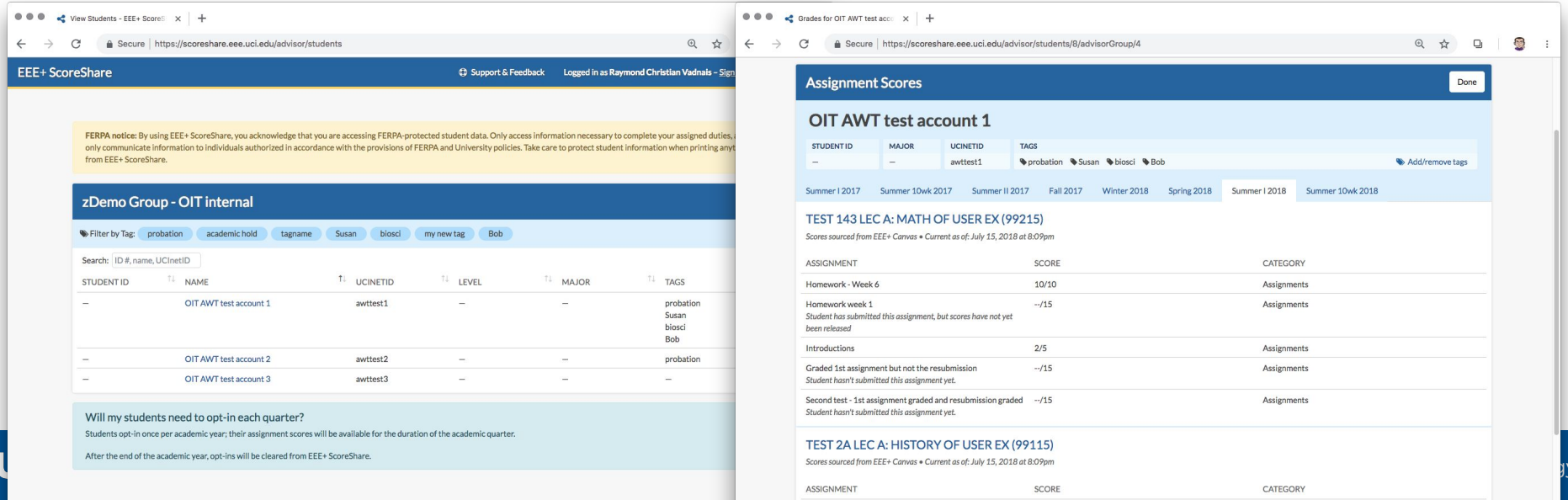
- **Data standardization for all:** Student Data Warehouse
  - Single source of truth for student data for OVPTL, OIR, and OIT reporting
- **New report for chairs:** Department Dashboards
  - Standardized report for all departments (or majors)
  - Will be available to chairs and deans
  - Sample being shared during Spring 2018 with chairs and interested faculty
- **Data for researchers:** Canvas Data
  - Regular import of Canvas Data into a Cognos-accessible database
  - Will contribute to teaching and learning research projects
- **New data element:** Probation action tracking
  - Determine feasibility of tracking probation actions for all units
- ***And:*** *Additional filters, features, and tweaks based on direct user feedback*



Partner efforts

EEE+ ScoreShare / See it at 1pm tomorrow!

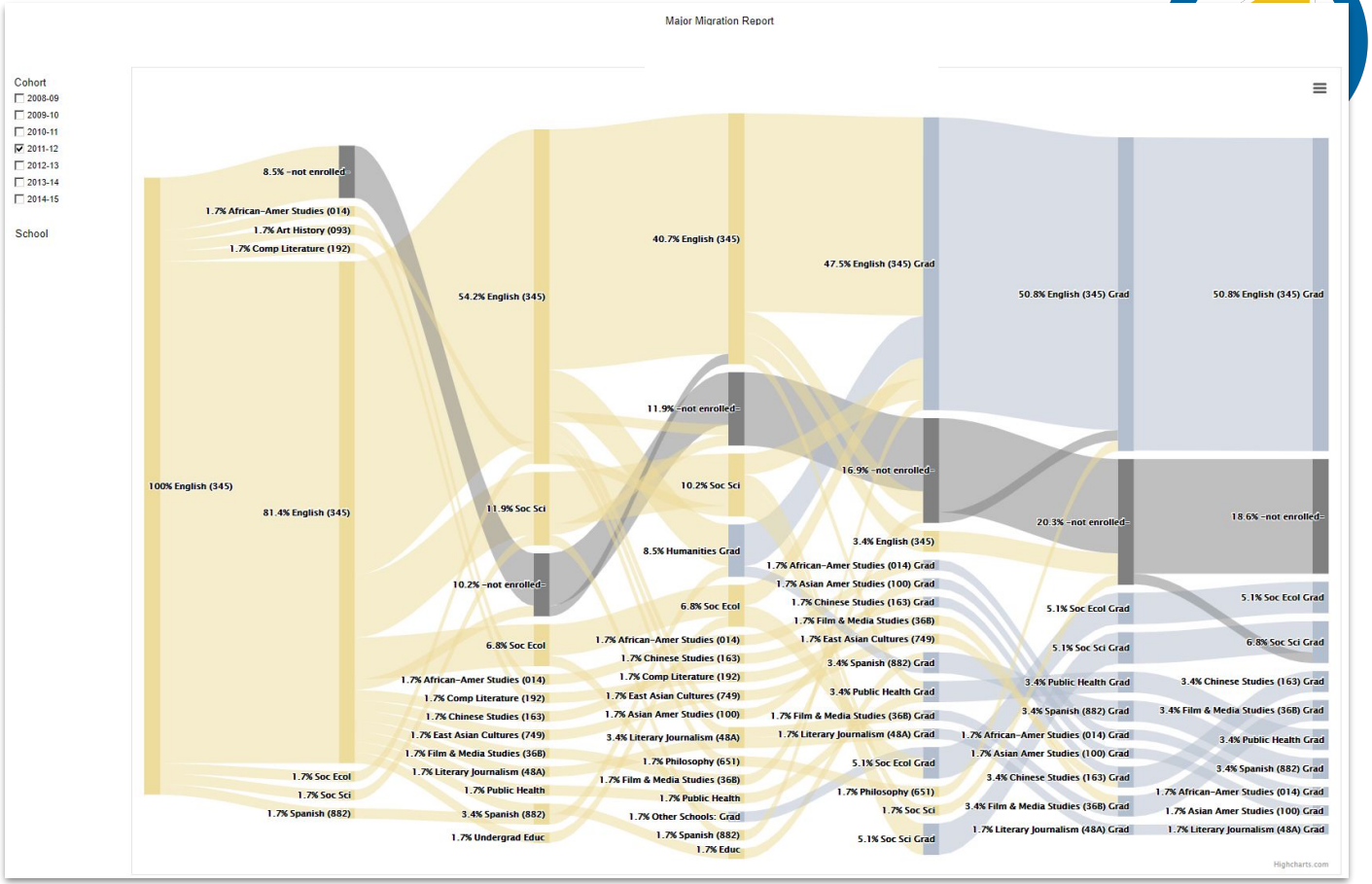
- Displays interim, near-real-time assignment score information from both Canvas and UCI's homegrown LMS, EEE Legacy (requires opt-in)
- Available to all advising units on campus

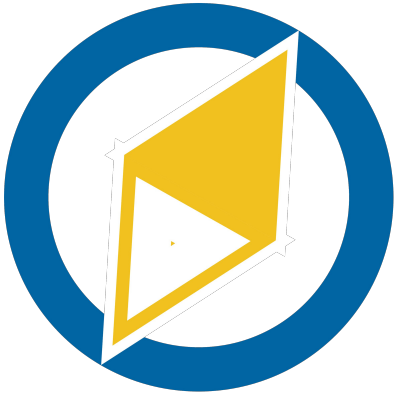


OIR Tools

Major Migration Tool

- UC Davis has a similar tool





Questions?

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Ray Vadnais, Descriptive Analytics Lead
compass@uci.edu

Office of Information Technology
University of California, Irvine

http://compass.uci.edu/