



2025 COLLEGESOURCE
ANNUAL CONFERENCE
JUNE 16-19 ♥ SAN DIEGO, CA



CollegeSource®

Harnessing uAchieve Audit Data to Support Your Operational and Analytic Needs

Susan McMillan and Michael Zenz

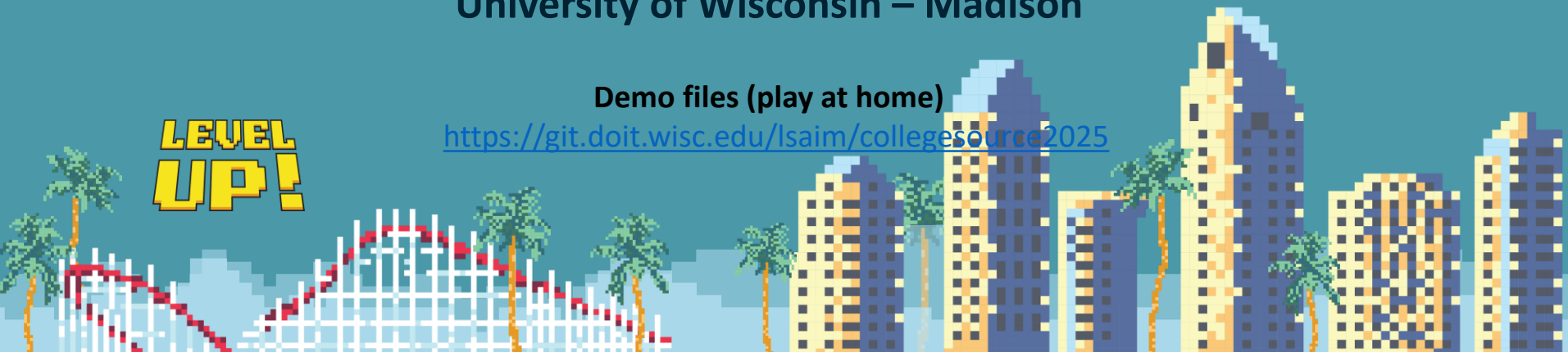
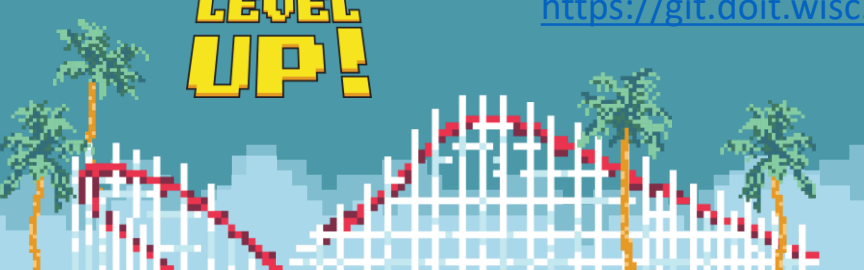
Policy and Planning Analysts

University of Wisconsin – Madison

Demo files (play at home)

<https://git.doit.wisc.edu/lisaim/collegesource2025>

**LEVEL
UP!**



Players



Player 1

Susan McMillan



Player 2

Michael Zenz

**Policy and Planning Analysts
University of Wisconsin – Madison**

Agenda

- uAchieve Data



Agenda

- uAchieve Data
- Automated Degree Clearance



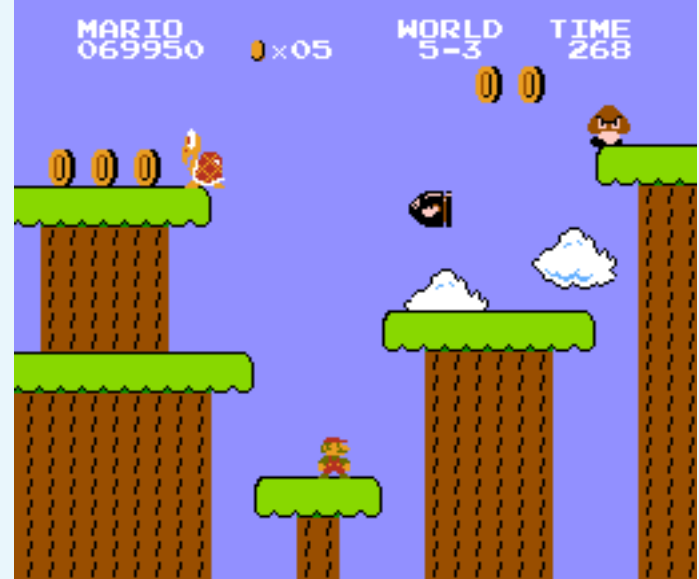
Agenda

- uAchieve Data
- Automated Degree Clearance
- Scholarship Eligibility with
 - Production Audits



Agenda

- uAchieve Data
- Automated Degree Clearance
- Scholarship Eligibility with
 - Production Audits
 - "Analytic" Audits



Agenda

- uAchieve Data
- Automated Degree Clearance
- Scholarship Eligibility with
 - Production Audits
 - "Analytic" Audits
- Curricular Analysis





uAchieve Data



Encoding/Infrastructure

- We aren't going to talk about using this data.

Everything in uAchieve is Data

The screenshot displays the uAchieve software interface with three overlapping windows:

- Degree Program: BA 765 19921**
 - Program:** BA 765, **First Y/T:** 1992 1, **Last Y/T:** 9999 3
 - Title:** College of Letters & Science - Bachelor of Arts (B.A.)
 - Web Title:** Philosophy, BA
 - Program Status:** Web/On-line, **Program Type:** CIPS
 - College:** , **Major:** BA 765
 - Last Modified:** Mar 13, 2025 1:41:47 PM
 - Requirement Table:**

Requirement Name	Grip 1	Grip 2	O R	O P	Sum. Group	Cross Link	A
1 L-PRE07			☐	☒			
2 L-UGER			☐	☐			
3 L-BA07			☐	☐			
4 L-765			☐	☐			
5 L-QTY07			☐	☐			
6 L-HLA07			☐	☐			
7 L-ADVISE			☐	☒			
8 L-NCAA			☐	☐			
- Requirement: 765 20251**
 - Sub-Requirement 2 Table:**

Sub	Count	Hours	GPA	Maximum Hours
Sub 1: 8	27.0			
Sub 2: 1	.0			
Sub 3: 2	.0			
Sub 4: 5	.0			
Sub 5: 1	.0			
Sub 6: 1	.0			
 - Sub-Requirement 2 Settings:**
 - Required Count: 1 (E - Suppress earned)
 - Required Hours: 0.00 (X - Suppress all)
 - Required GPA: 0.0 (X - Suppress all)
 - Maximum Hours: 0.00 (Use Default)
 - Sub-req. ReUse: R - ReUse subsequent
 - Matching Rules:**
 - Accept: ☐ OR ☐
 - Reject: ☐ AND ☐
 - OR'd Sub-requirement: ☐
- Logic Window**
 - Table:**

	A	Course	M	Title	T	CLim	CFlg	A	R	Effective Date
1	R	LOGIC-R	\$		☐					-
2	A	PHILOS 211			☐					-
3	A	PHILOS 511			☐					-
4	A	DARSX	\$		☐					-
5	A	LOGIC-A	\$		☐					-
 - Footer:** A???????X99ZZZ, Rows: 8

Encoding/Infrastructure

- We aren't going to talk about using this data.

Degree Audit Results

- Everything in a student's degree audit can be queried from the uAchieve data tables.

Everything in uAchieve is Data

▼ ✓ Language for the B.A. degree Two options

✓ 1) 4th unit or higher

Term	Course	Credits	Grade	Course Title	Course Note
SP05	GERMAN 204	4.00	A	Fourth Semester German	

▼ ✓ Breadth in the Degree: Natural Sciences

EARNED: 12.00 CREDITS

✓ 1) Biological Science

3.00 CREDITS ADDED

Term	Course	Credits	Grade	Course Title	Course Note
SU04	ENVIR ST126	3.00	T	Principles-Envrnmntl Science	

Everything in uAchieve is Data

✓ 2) Logic

Term	Course	Credits	Grade	Course Title
SP06	PHILOS 211	4.00	A	Elementary Logic

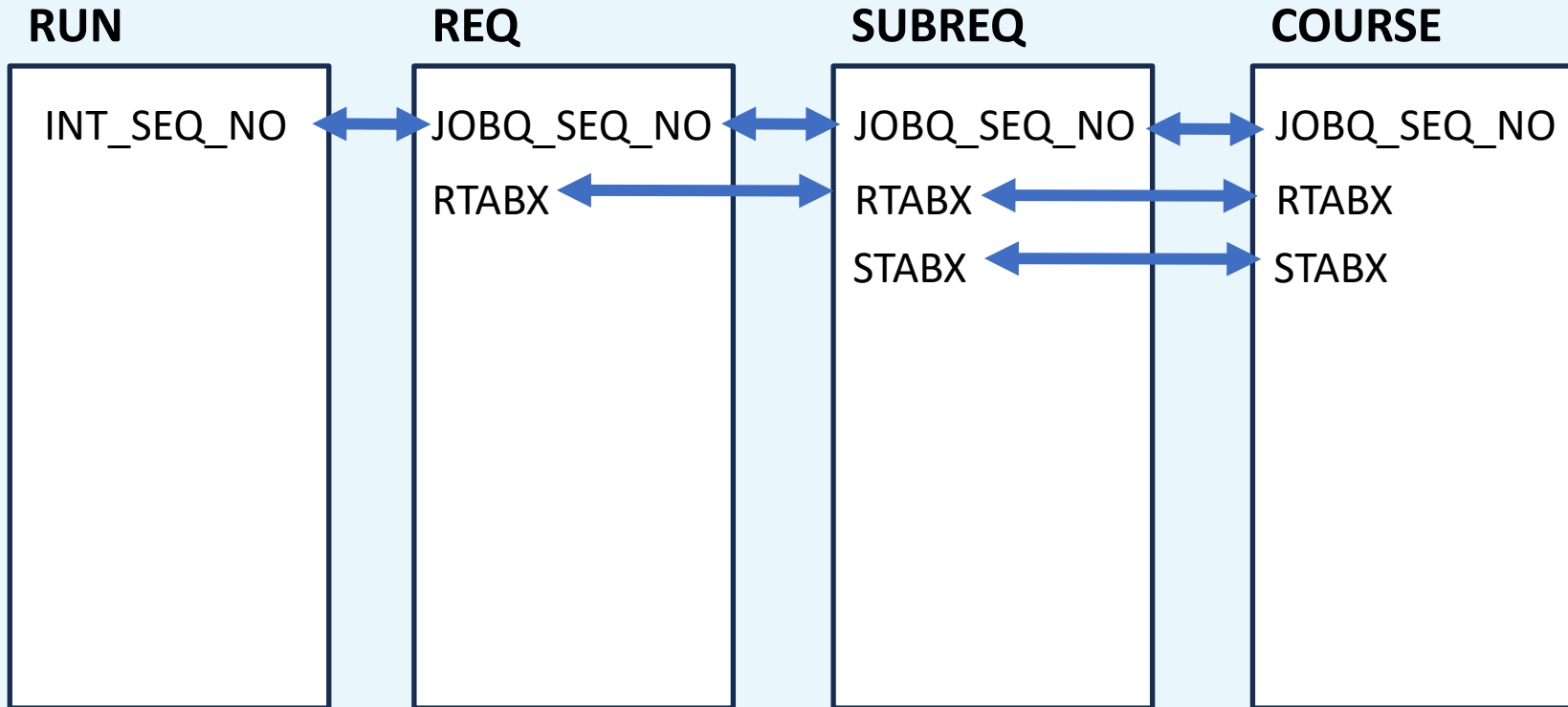
✓ 3) History of Ancient & Modern Philosophy

Term	Course	Credits	Grade	Course Title
FA03	PHILOS 430	3.00	T	Hist of Ancient Philosophy
SP04	PHILOS 432	3.00	T	History-Modern Philosophy

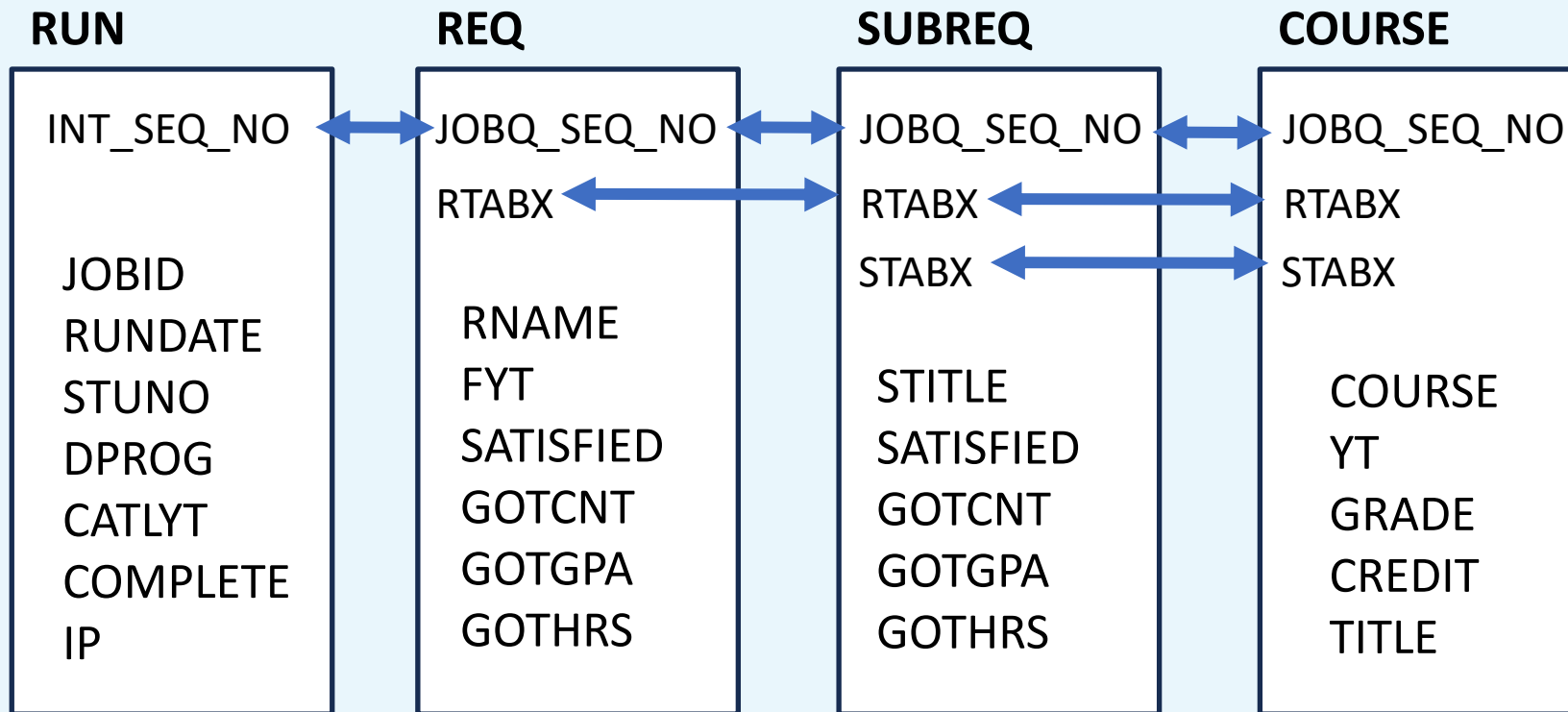
✓ 4) Advanced Philosophy

Term	Course	Credits	Grade	Course Title
FA03	PHILOS 430	3.00	T	Hist of Ancient Philosophy
SP04	PHILOS 432	3.00	T	History-Modern Philosophy
FA05	PHILOS 501	3.00	A	Philosophy of Religion

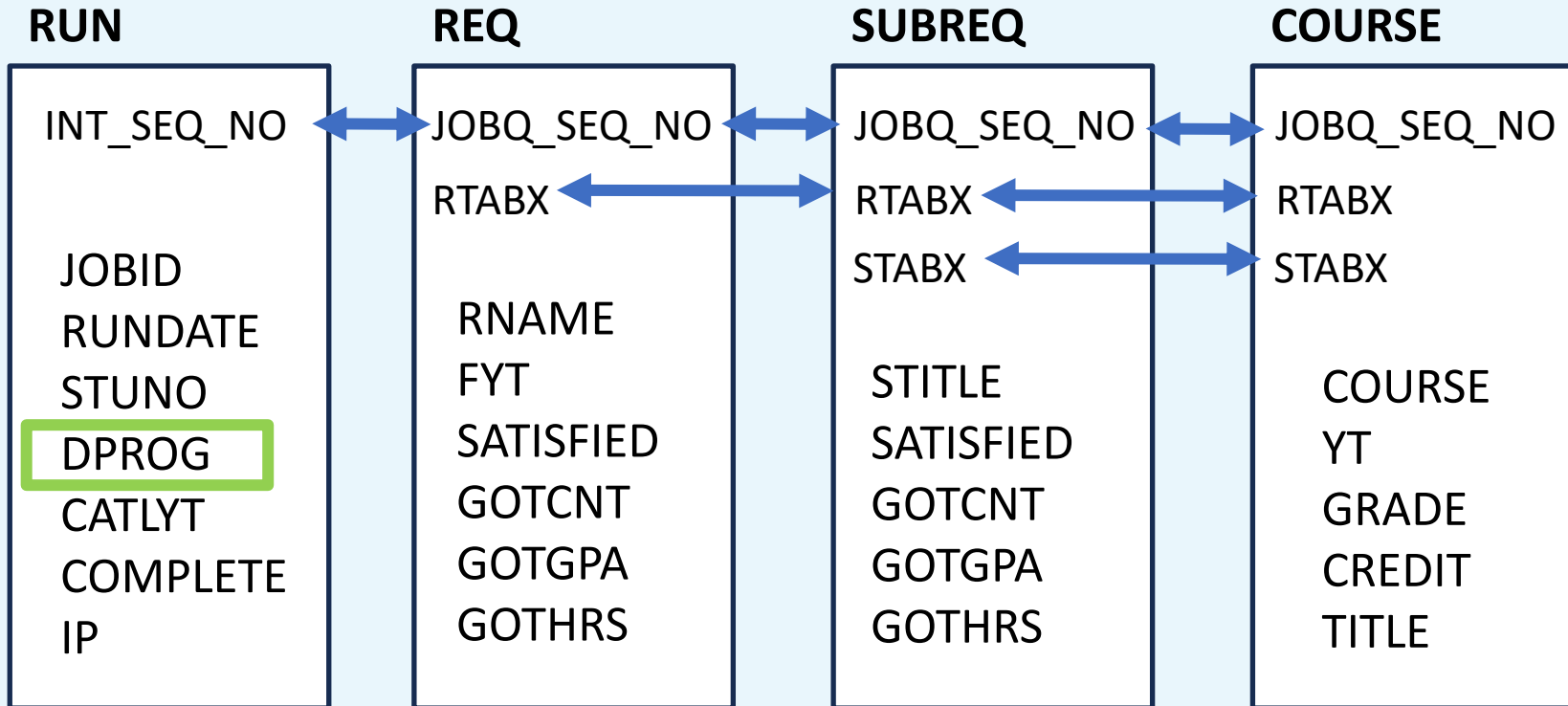
uAchieve Audit (JOB_QUEUE) Data Structure



uAchieve Audit (JOB_QUEUE) Data Structure



uAchieve Audit (JOB_QUEUE) Data Structure



Everything in uAchieve is Data

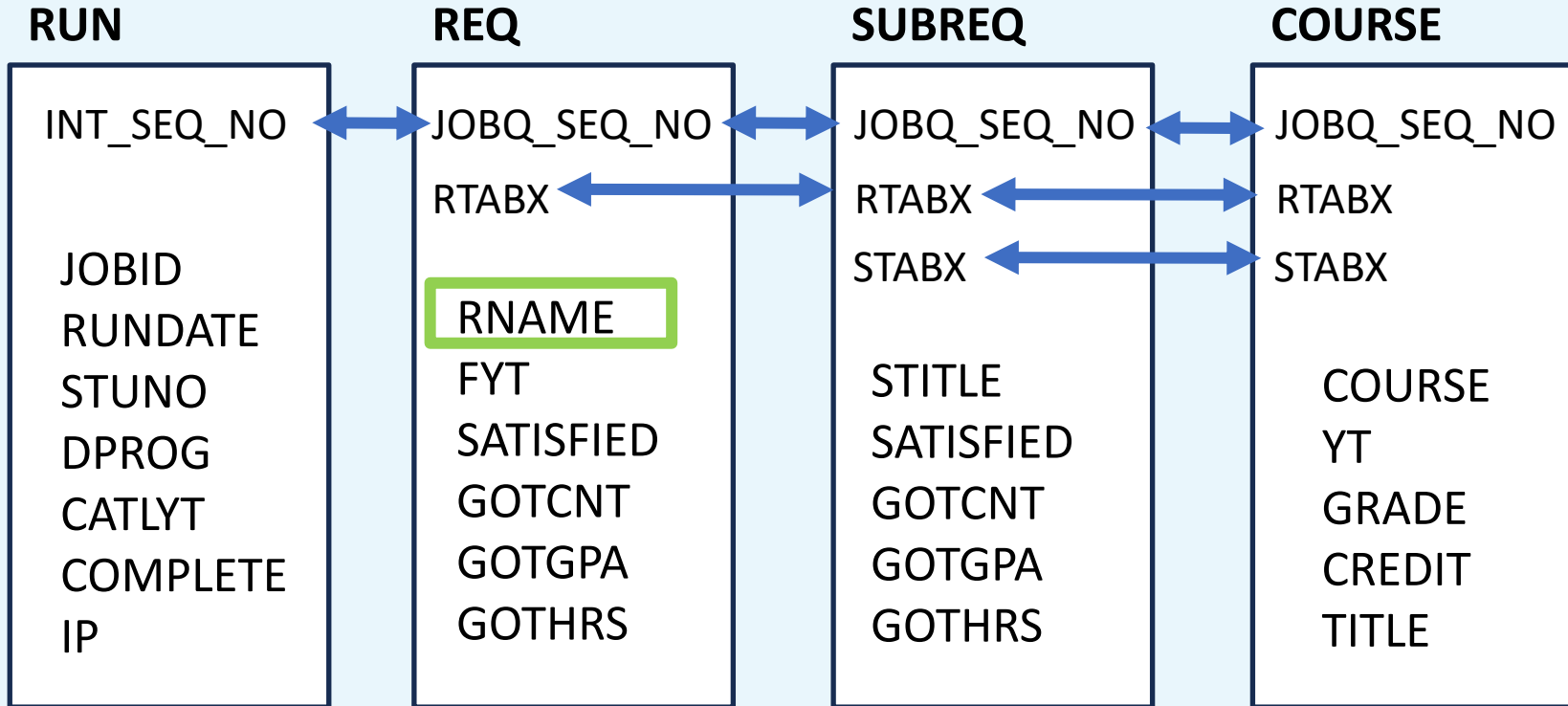
The screenshot displays two overlapping windows from the uAchieve software. The background window is titled "Degree Program: BA 765 19921". It features a tree view on the left with a list of programs including BA 765, L-PRE07, L-UGER, L-BA07, L-765, L-QTY07, L-HLA07, L-ADVISE, L-NCAA, and \$NCAA. The main area contains fields for Program (BA 765), First Y/T (1992 1), Last Y/T (9999 3), Title (College of Letters & Science - Bachelor of Arts (B.A.)), Web Title (Philosophy, BA), Program Status (Web/On-line), Program Type, DPMask, CIPS, College, Major (BA 765), and Comments. A table at the bottom lists requirements with columns for Requirement Name, G1p, G2p, O, P, Sum, Cross, and A. Requirement 4, L-765, is highlighted in blue.

The foreground window is titled "Requirement: 765 20251". It has tabs for Summary, General, Processing, Reporting, Reference/Other, and Courses. The "General" tab is active, showing "Sub-Requirement 2" with fields for Required Count (1), Required Hours (0.00), Required GPA (0.0), and Maximum Hours (0.00). It also includes "Matching Rules" for Accept and Reject, and a "Sub-req. ReUse" dropdown set to "R - ReUse subsequent". Below this is a "Logic" section with a table of course logic rules.

	Title	Title/OK	Notes
1	R LOGIC-R		
2	A PHILOS 211		
3	A PHILOS 511		
4	A DARSX		
5	A LOGIC-A		

At the bottom of the Logic table, it shows "A??????X99ZZZ" and "Rows: 8".

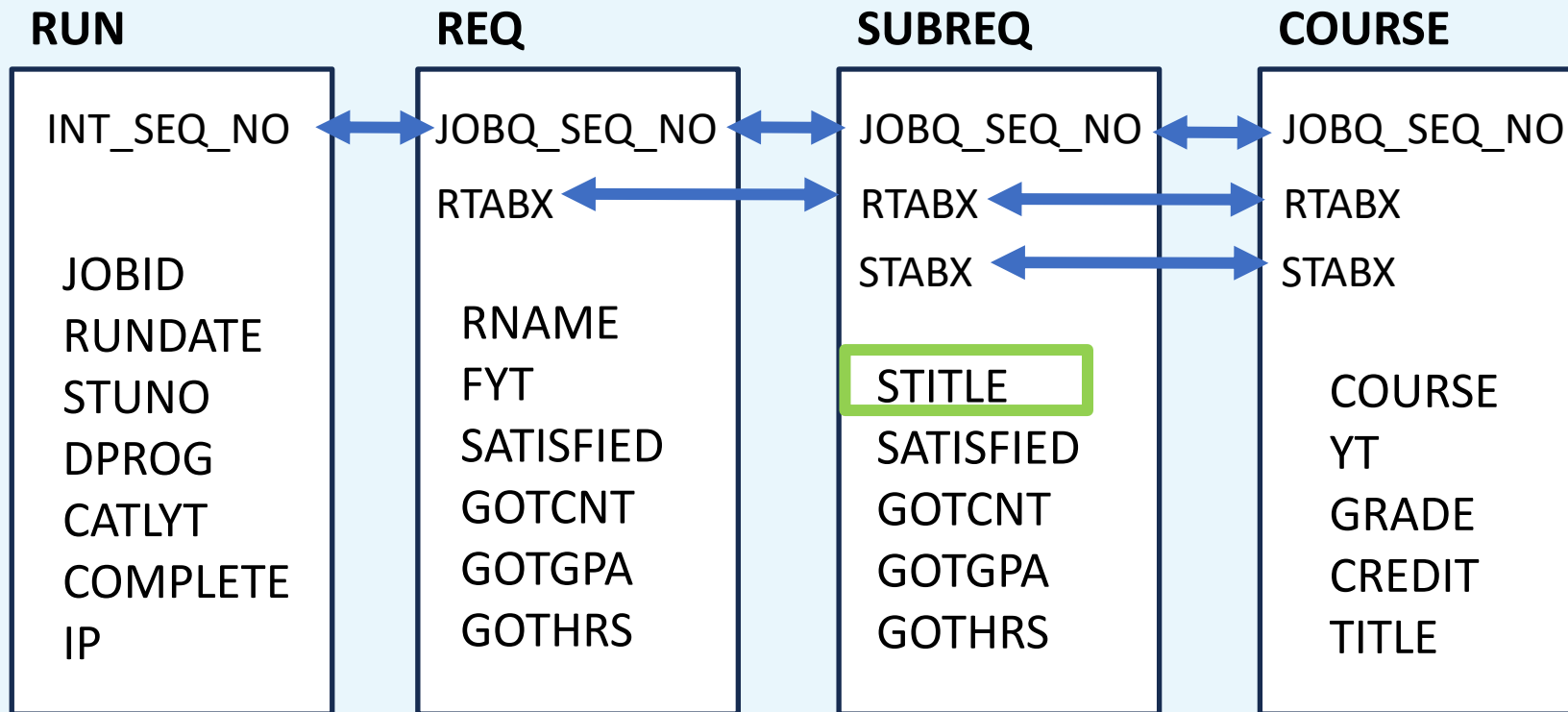
uAchieve Audit (JOB_QUEUE) Data Structure



2025 COLLEGESOURCE ANNUAL CONFERENCE
JUNE 16-19 ♥ SAN DIEGO, CA

#collegesource25 • Page 19

uAchieve Audit (JOB_QUEUE) Data Structure



2025 COLLEGESOURCE ANNUAL CONFERENCE
JUNE 16-19 ♥ SAN DIEGO, CA

#collegesource25 • Page 21

Everything in uAchieve is Data

✓ 2) Logic

Term	Course	Credits	Grade	Course Title
SP06	PHILOS 211	4.00	A	Elementary Logic

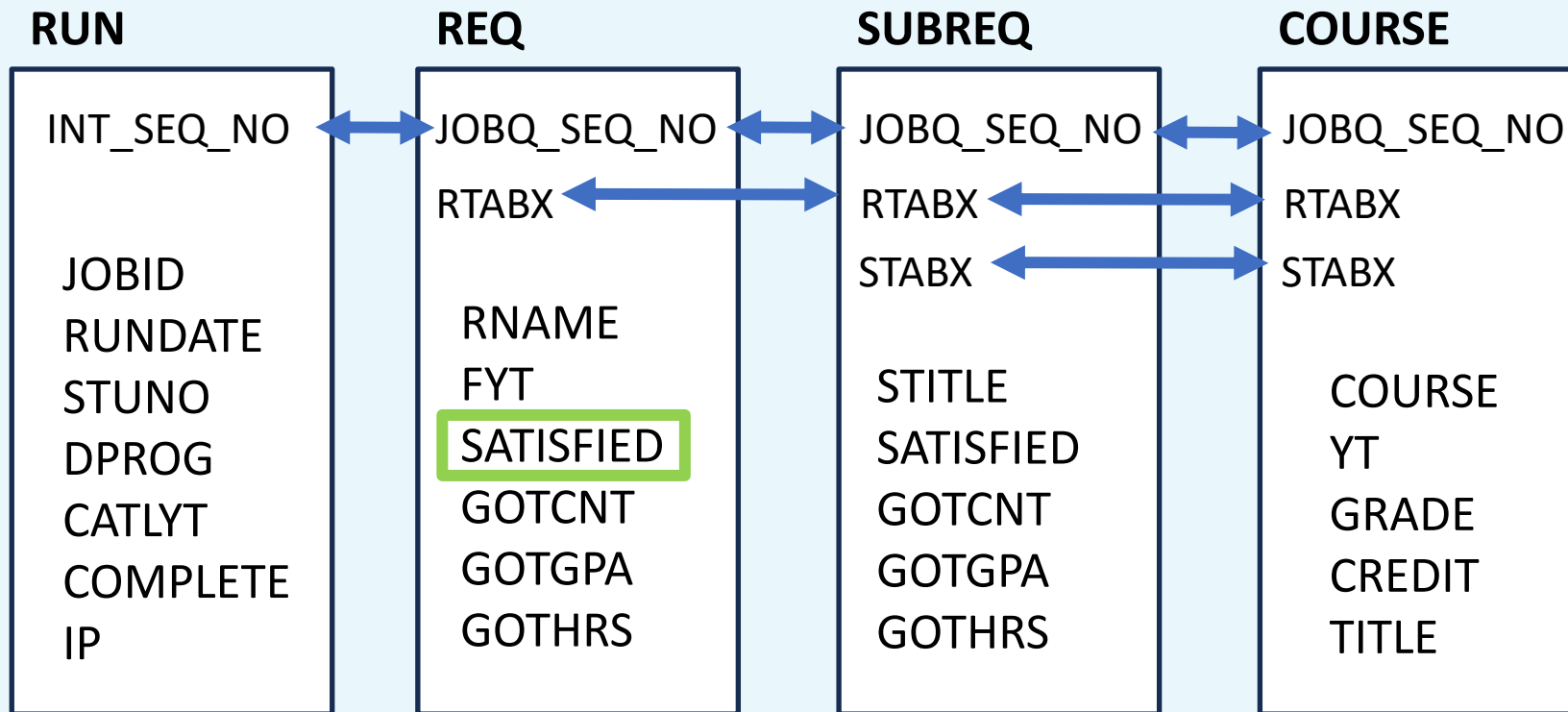
✓ 3) History of Ancient & Modern Philosophy

Term	Course	Credits	Grade	Course Title
FA03	PHILOS 430	3.00	T	Hist of Ancient Philosophy
SP04	PHILOS 432	3.00	T	History-Modern Philosophy

✓ 4) Advanced Philosophy

Term	Course	Credits	Grade	Course Title
FA03	PHILOS 430	3.00	T	Hist of Ancient Philosophy
SP04	PHILOS 432	3.00	T	History-Modern Philosophy
FA05	PHILOS 501	3.00	A	Philosophy of Religion

uAchieve Audit (JOB_QUEUE) Data Structure



Everything in uAchieve is Data

▼ Language for the B.A. degree Two options

✓ 1) 4th unit or higher

Term	Course	Credits	Grade	Course Title	Course Note
SP05	GERMAN 204	4.00	A	Fourth Semester German	

▼ Breadth in the Degree: Natural Sciences

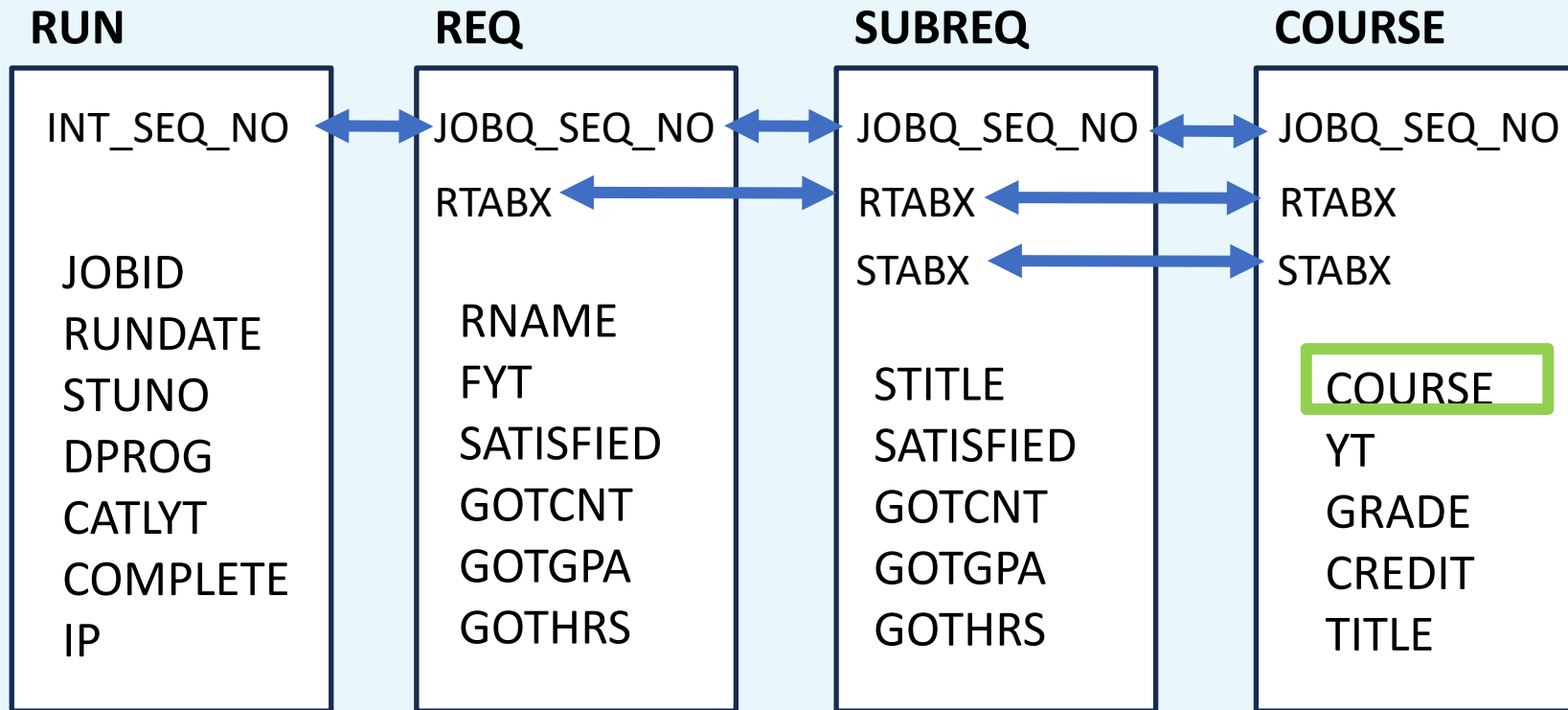
EARNED: 12.00 CREDITS

✓ 1) Biological Science

3.00 CREDITS ADDED

Term	Course	Credits	Grade	Course Title	Course Note
SU04	ENVIR ST126	3.00	T	Principles-Envrnmntl Science	

uAchieve Audit (JOB_QUEUE) Data Structure



Everything in uAchieve is Data

▼ ✓ Language for the B.A. degree Two options

✓ 1) 4th unit or higher

Term	Course	Credits	Grade	Course Title	Course Note
SP05	GERMAN 204	4.00	A	Fourth Semester German	

▼ ✓ Breadth in the Degree: Natural Sciences

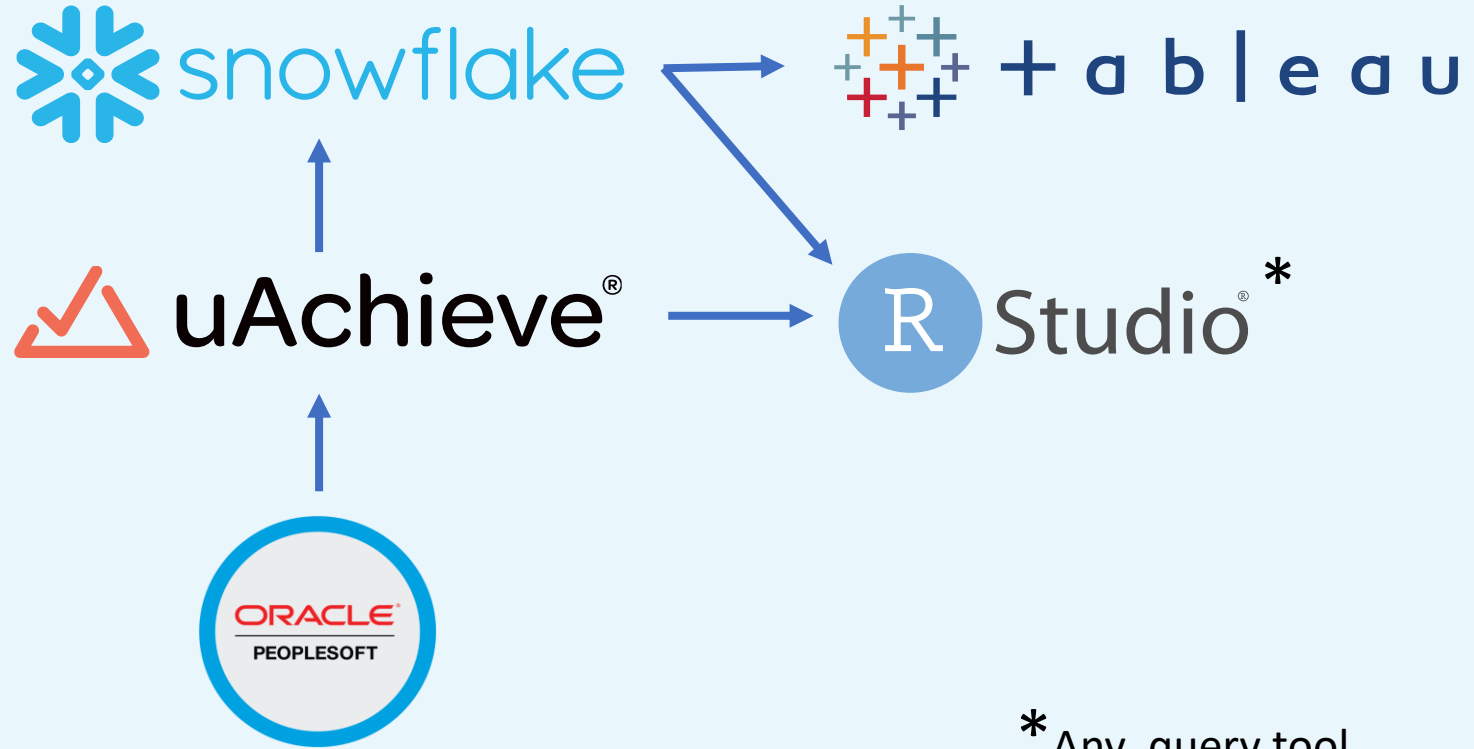
EARNED: 12.00 CREDITS

✓ 1) Biological Science

3.00 CREDITS ADDED

Term	Course	Credits	Grade	Course Title	Course Note
SU04	ENVIR ST126	3.00	T	Principles-Envrnmntl Science	

Data Flow



*Any query tool



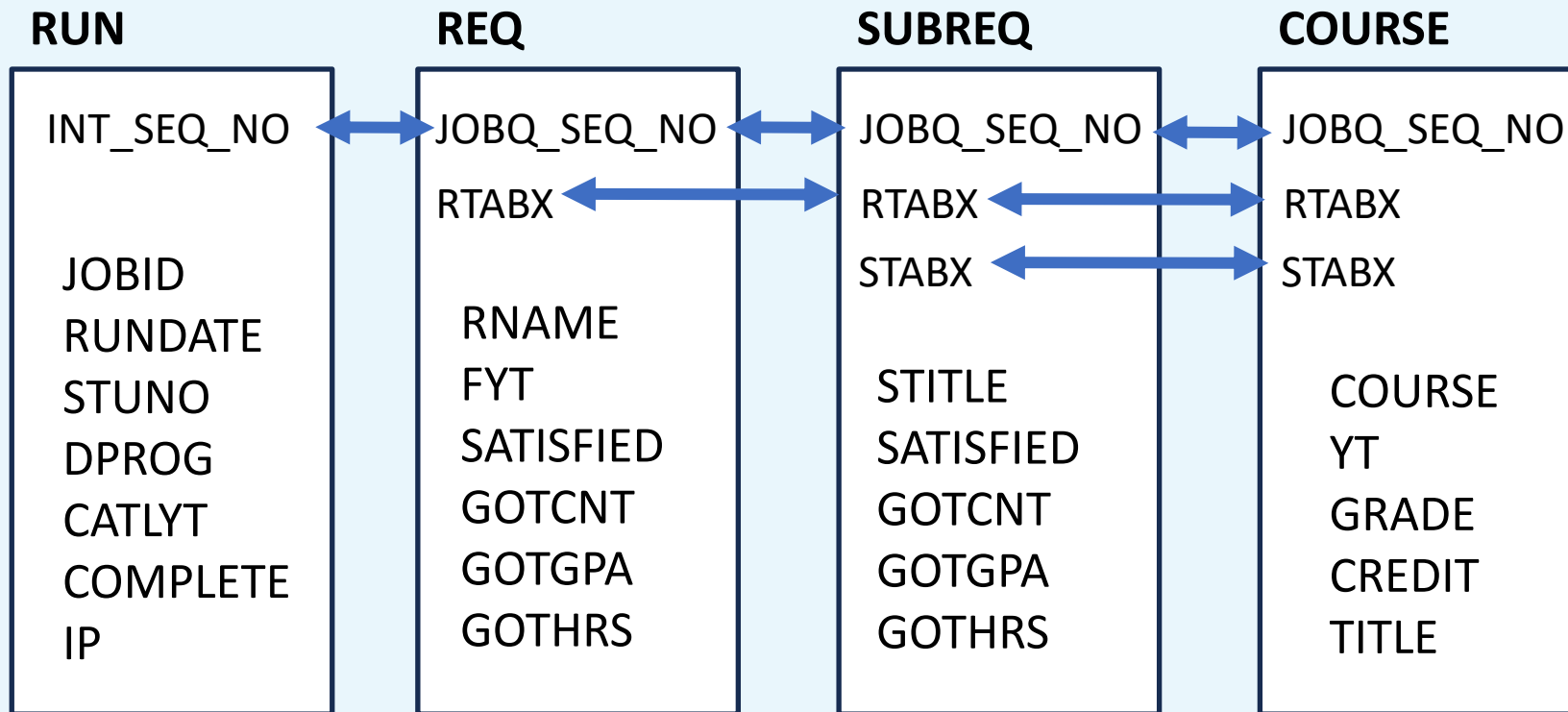
Audit Data and Degree Clearance



Find students who have completed degree requirements

1. Run batch audits for all students who have applied to graduate
2. Query (SQL) the Job Queue Run table
3. Apply completion rules
 - All degrees complete (not Certificates)
 - No in-progress work

uAchieve Audit (JOB_QUEUE) Data Structure



Automated Degree Clearance

RUN

INT_SEQ_NO

JOBID

RUNDATE

STUNO

DPROG

CATLYT

COMPLETE

IP

REQ

JOBQ_SEQ_NO

RTABX

RNAME

FYT

SATISFIED

GOTCNT

GOTGPA

GOTHR

SUBREQ

JOBQ_SEQ_NO

RTABX

STABX

STITLE

SATISFIED

GOTCNT

GOTGPA

GOTHR

COURSE

JOBQ_SEQ_NO

RTABX

STABX

COURSE

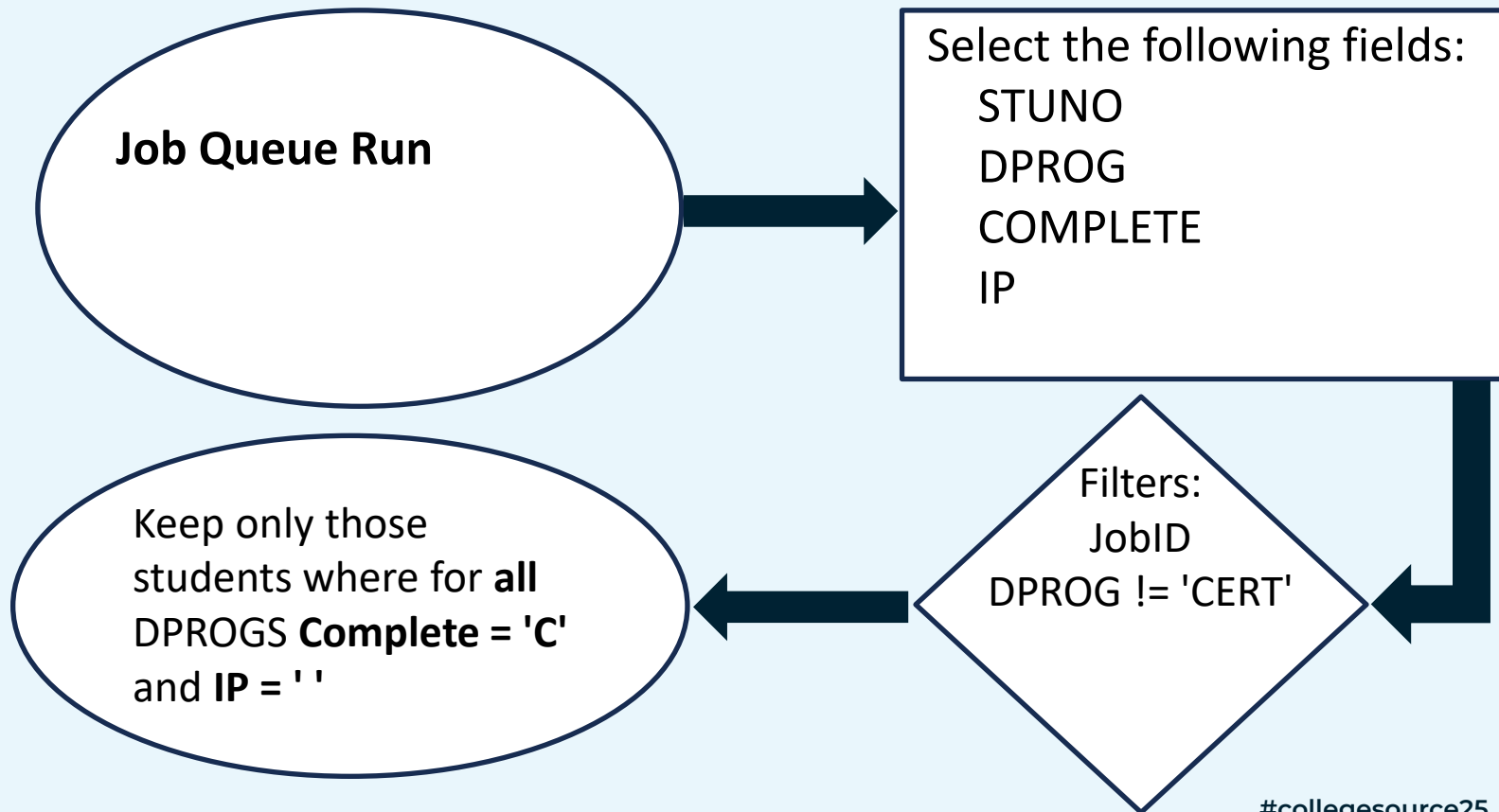
YT

GRADE

CREDIT

TITLE

Degree Clearance - Audit Data Processing



Automated Degree Clearance

STUNO ▲	DPROG ▲	COMPLETE ▲	IP ▲
28	BA 216		
29	BS 112	C	
30	CERT355	C	
30	BA 499	C	I
30	BA 090	C	I
30	CERT110	C	
31	CERT355		
31	BS 477		I
31	BS 922		I
31	CERT430	C	I

Automated Degree Clearance

STUNO ▲	DPROG ▲	COMPLETE ▲	IP ▲
28	BA 216		
29	BS 112	C	
30	CERT355	C	
30	BA 499	C	I
30	BA 090	C	I
30	CERT110	C	
31	CERT355		
31	BS 477		I
31	BS 922		I
31	CERT430	C	I

Automated Degree Clearance

A	B	C	D	E	F	G	H	I	
NAME	CAMPUS_ID	EMPLID	ACAD_PROG	STRM	HONORS_SUFFIX	ACAD_CAREER	ACAD_PLAN	ACAD_PLAN2	
			BS	1254		UGRD	BS 112		
			BS	1254		UGRD	BS 261		
			BA	1254		UGRD	BA 579		
			BA	1254		UGRD	BA 621		
			BA	1254		UGRD	BA 995	BA 201	
			BS	1254		UGRD	BS 229		
			BA	1254		UGRD	BA 832		
			BA	1254		UGRD	BA 634		
			BS	1254		UGRD	BS 261		
			BA	1254		UGRD	BA 832		
			BS	1254		UGRD	BS 993	BS 832	
			BA	1254		UGRD	BA 832		



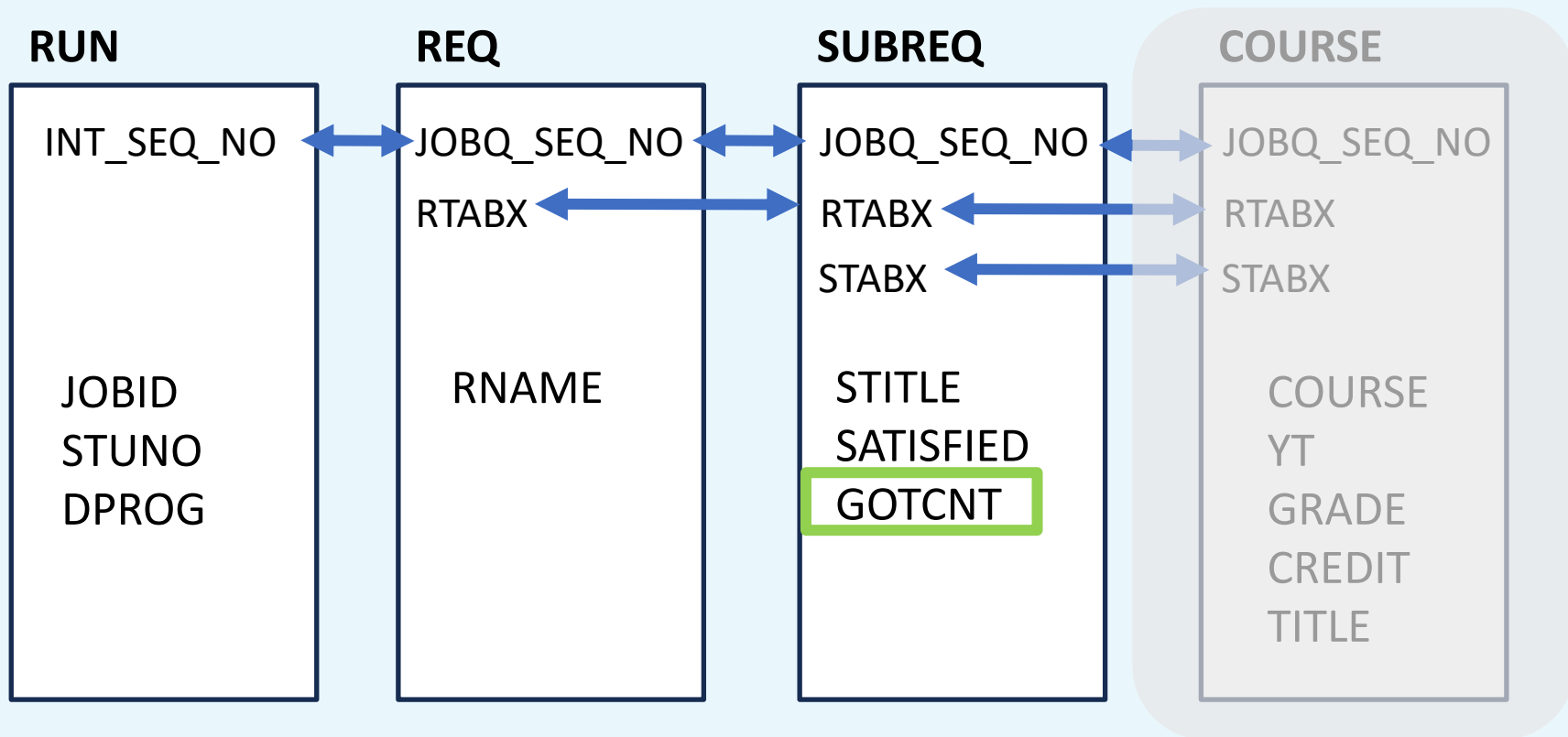
Using Audit Data for Scholarship Eligibility



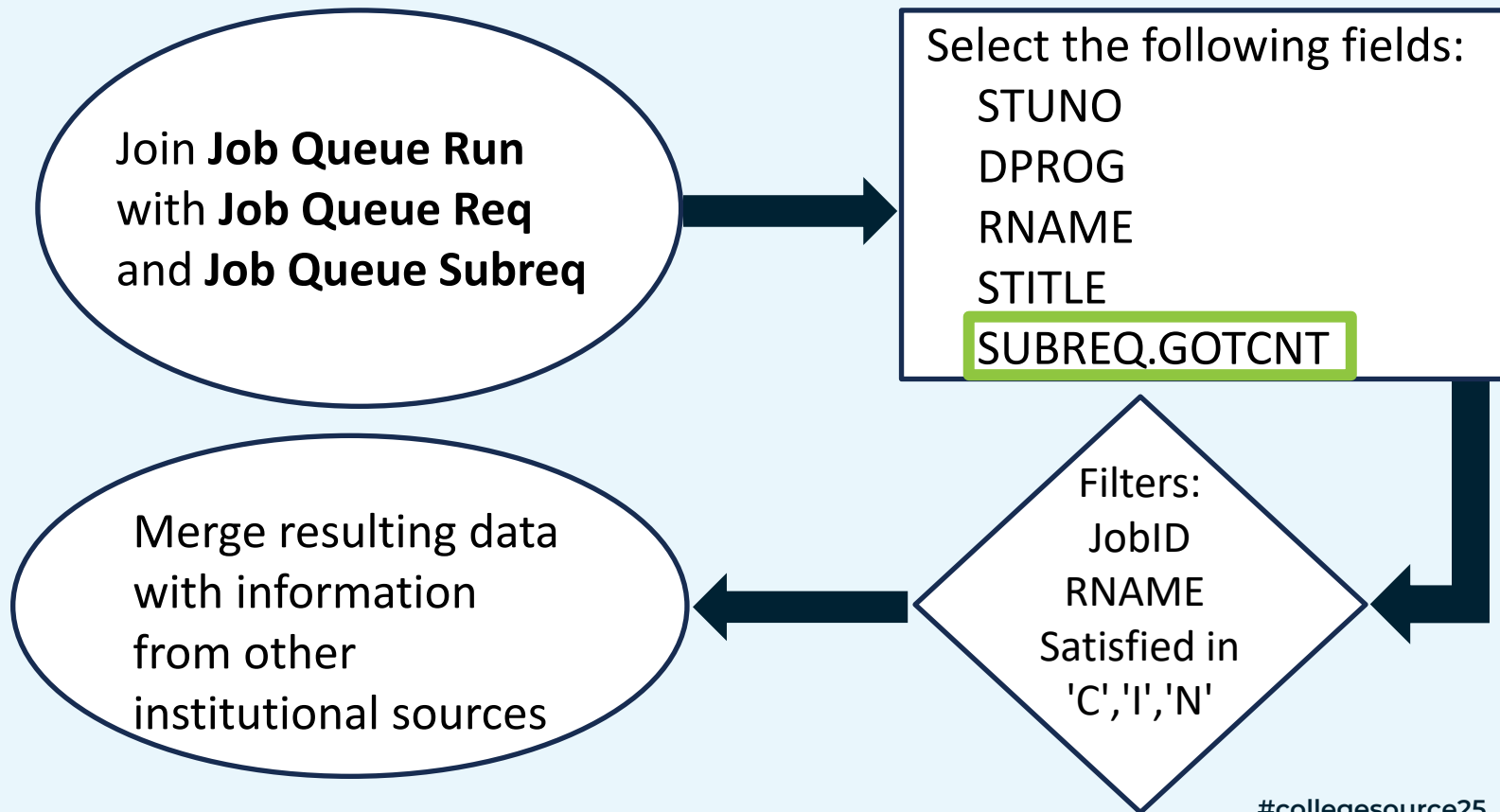
Need Count of Courses that fulfill "Major Requirements"

1. Run batch audits for all students in the major
2. Query (SQL) the Job Queue Run, Job Queue Req, and Job Queue Subreq tables
3. Match data with "Directory" (student contact) and other student information system data

uAchieve Audit (JOB_QUEUE) Data Structure



Scholarship Eligibility - Audit Data Processing



Production Audit DROGs

Select Degree Programs

Program	FYT	LYT	Type	Status	Title
BA 261ME	1992 1	9999 3		W	College of Letters & Science - Bachelor of Arts (B.A.)
BA 350	0000 1	1991 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)
BA 350	1992 1	9999 3	W		College of Letters & Science - Bachelor of Arts (B.A.)
BA 405	0000 1	1991 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)
BA 405	1992 1	9999 3	W		College of Letters & Science - Bachelor of Arts (B.A.)
BA 405CW	0000 1	1991 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)
BA 405CW	1992 1	9999 3	W		College of Letters & Science - Bachelor of Arts (B.A.)
BA 405ELL	0000 1	1991 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)
BA 405ELL	1992 1	9999 3	W		College of Letters & Science - Bachelor of Arts (B.A.)
BA 405LL	0000 1	1991 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)
BA 405LL	1992 1	2021 3	P		COLLEGE of LETTERS & SCIENCE - Bachelor of Arts (B.A.)

Row 1 of 2066

Open
Cancel
New
Clone
Find
Print
Delete

Always close: ☐

Scholarship Eligibility - Example Requirements

Degree Program: L-405 20151

Program: Requirement: 405.0 20151

Title: 405.0

Web Title:

Program Status:

DPMask:

College:

Comments:

Last Modified:

Requirement Name

1	405ADMIT
2	MAJDEC405
3	405
4	405HIM
5	405.0

The ".0" requirement always contains "quality of work in the major".

Sub 1: 1 .0

405GPA-R \$

ENGL *****

*

405GPA-A \$

405UL-A \$

ADVISORY

Sub 2: 0 15.0

ENGLISH **** X

ENGL *****

DARSX

405UL-A \$

Sub 3: 0 15.0

ENGL *****

405SASTIP-A \$

Summary | **General** | **Processing** | **Reporting** | **Reference/Other** | **Courses**

Sub-Requirement 1

Required Count: 1 X - Suppress all

Required Hours: 0.00 X - Suppress all

Required GPA: 2.0 S - Report GPA/Suppress needed

Maximum Hours: 0.00 *- <Use Default>

Sub-req. ReUse: Y - ReUse Anywhere

Matching Rules

Accept OR

M ☐ ☐ ☐ ☐ ☐

Reject AND

☐ ☐ ☐ ☐ ☐

OR'd Sub-requirement: ☐

Text

6 2.000 GPA in all MAJOR/SUBJECT courses

Title | **Title/OK** | **Notes**

	A	Course	M	Title	T	CLim	CFlg	A	R	Effective Date
1	R	405GPA-R	\$		☐					-
2	A	ENGL*****			☐					-
3	A	*			☐			0		-
4	A	405GPA-A	\$		☐					-
5	A	405UL-A	\$		☐					-
6	A	ADVISORY	\$	SORT:0900	☐					-

A???????X99ZZZ

Rows: 6

Production Audit Query Results

STUNO ▲	DPROG ▲	RNAME ▲	STITLE ▲	SUB_GOTCT ▲
1	BA 405	405.0	15 credits IN THE MAJOR/SUBJECT, taken ON CAMPUS	15
1	BA 405	405.0	2.000 GPA on 15 UPPER LEVEL Major credits in RESIDENCE	13
1	BA 405	405.0	2.000 GPA in all MAJOR/SUBJECT courses	15
2	MAJ 405	405.0	15 credits IN THE MAJOR/SUBJECT, taken ON CAMPUS	16
2	MAJ 405	405.0	2.000 GPA on 15 UPPER LEVEL Major credits in RESIDENCE	15
2	MAJ 405	405.0	2.000 GPA in all MAJOR/SUBJECT courses	16

Join Production Audit Data with Directory Info

After merging with other student information, the results look like this...

EMAIL	DEG_EXPECTED	ACADEMIC_LEVEL	ACADEMIC_LOAD	CUM_GPA	Course_Count
	NA	40	P	3.920	3
	Y	40	P	2.726	10
	NA	40	P	3.639	2
	NA	40	P	1.996	9
	NA	30	F	3.471	3
	NA	40	F	2.177	6
	NA	40	F	3.447	1
	NA	40	F	3.410	7
	NA	40	P	3.386	10
	C	40	P	3.784	14

BONUS LEVEL
UNLOCKED!



Phi Beta Kappa (PBK) Eligibility – Analytic Needs

Credit Totals by Course Attribute

Sum all credits for courses
by breadth and level attributes

"Z" Courses

Count "Z" course credits as
humanities **and** social science

Language and Math

Satisfy either the BA or BS language
requirement and PBK math minimum

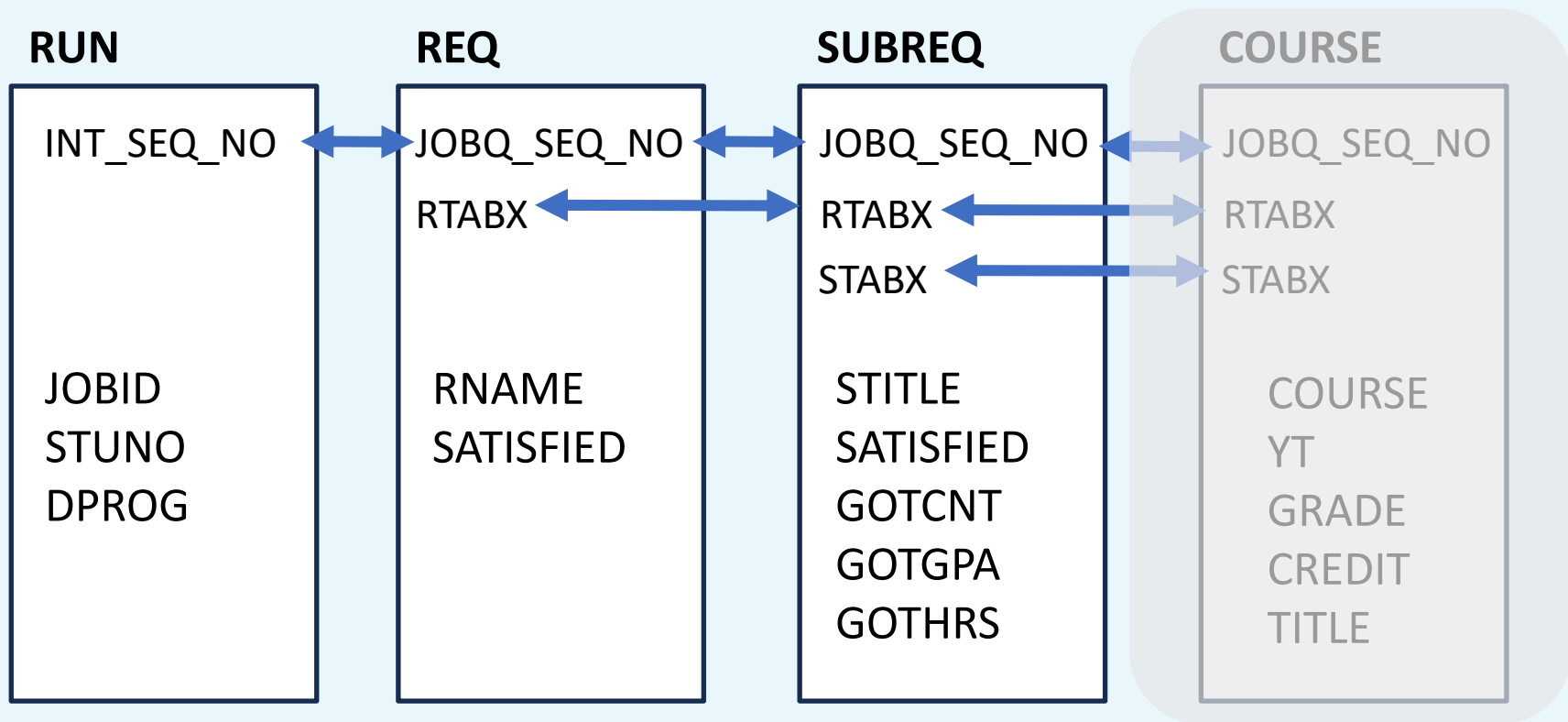
GPA Minimum

Satisfy a higher GPA than in the
production audits

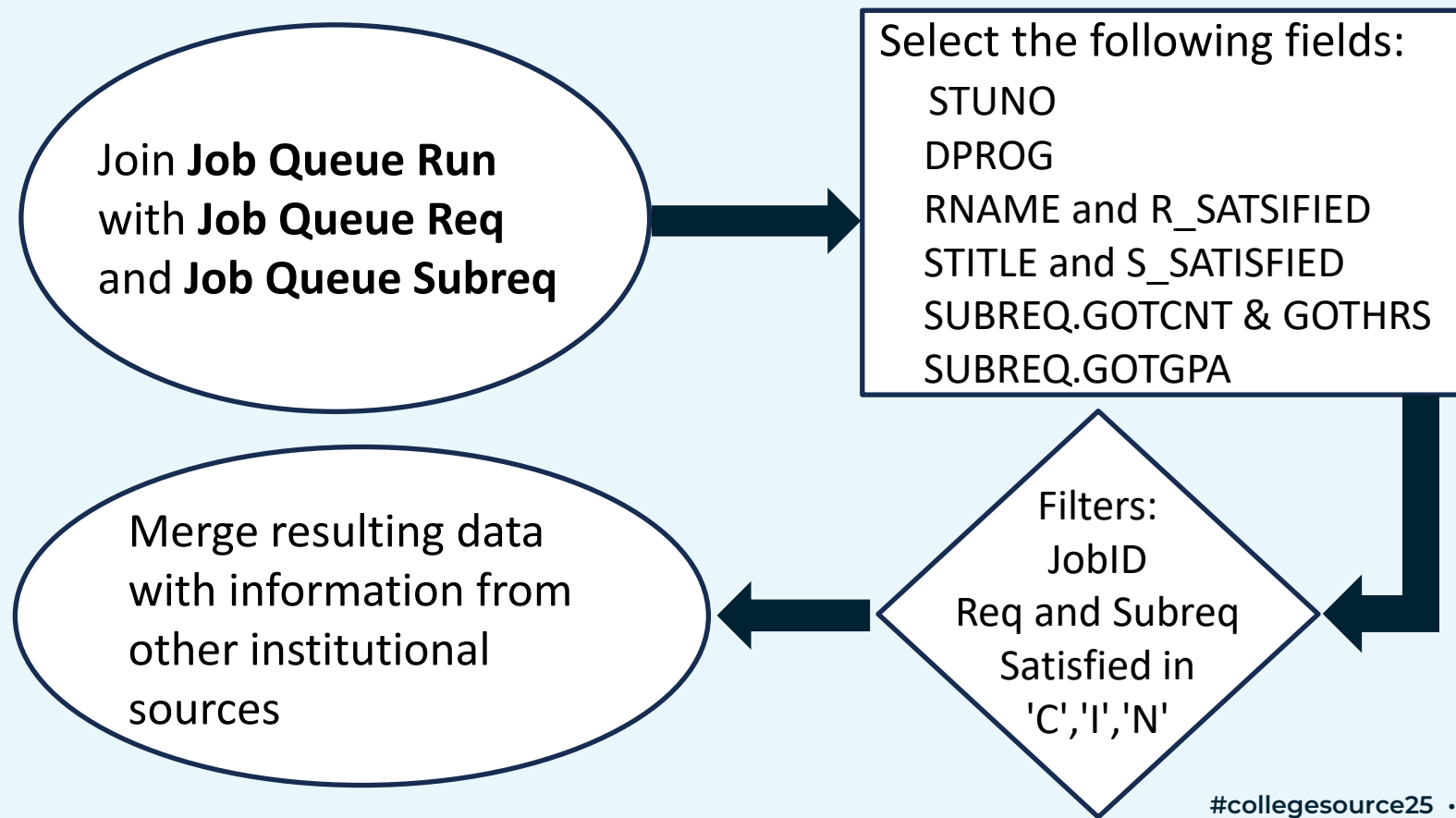
PBK Eligibility - "Analytic" Audit Data Process

1. Encode an "analytic" audit
 - so-named because the data are used only for analysis
2. Run batch of What-if audits for all seniors
3. Query (SQL) the Job Queue Run, Job Queue Req, and Job Queue Subreq tables
4. Match data with "Directory" (student contact) information

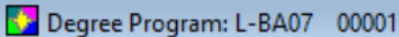
uAchieve Audit (JOB_QUEUE) Data Structure



Analytic Audit Data Processing



Example Production BA Breadth Requirements



Program: L-BA07 **First Y/T:** 0000 1 **Last Y/T:** 9999 3

Title: LIST: BA reqts for 2007 Curriculum

Web Title:

Program Status: Production **Program Type:**

DPMask: **CIPS:** **Marker List:** ☐

College: **Major:** **Degree:**

Comments:

Last Modified: May 3, 2021 10:08:35 AM **By:** EJM

	Requirement Name	Grp 1	Grp 2	O R	O P	Sum. Group	Cross Link	Alt. Catalog	Sort Flag	Report Category	Extend	Calc Group	Calc Flag
1	FLSUBA07	5	*	☐	☐								
2	BAFL07	6	6	☐	☐								
3	UWAADEG			☐	☐								
4	BASCI07	7	7	☐	☐								
5	SOCSCI07	7	7	☐	☐								
6	HUM07	7	7	☐	☐								

Rows: 6

Analytic Audit Requirements

Degree Program: A.PBK 00001

Program: A.PBK **First Y/T:** 0000 1 **Last Y/T:** 9999 3

Title: ANALYSIS: Phi Beta Kappa selection

Web Title:

Program Status: Test **Program Type:**

DPMask: **CIPS:** **Marker List:** ☒

College: **Major:** **Degree:**

Comments: Analytical audit for evaluation and reporting of Phi Beta Kappa criterion

Last Modified: Oct 30, 2024 12:13:49 PM **By:** WHX

Requirement Name	Grp 1	Grp 2	O R	O P	Sum. Group	Cross Link	Alt. Catalog	Sort Flag	Report Category	Extend	Calc Group	Calc Flag
1 L-PRE07			☐	☒						L		
2 A.PBKCR			☐	☒								
3 A.PBKGPA			☐	☒								
4 FLSUBS07			☒	☐								
5 A.PBKFL			☐	☐								
6 A.PBK-Z			☐	☒								
7 A.PBKHUM			☐	☒								
8 A.PBKSOC			☐	☒								
9 A.PBKSCI			☐	☐								
10 A.PBKMATH			☐	☐								
11 IA CR HST			☐	☒					T			

Rows: 11

Example Production BA - Humanities

Requirement: HUM07 00001

Requirement Name: HUM07 **FYT:** 0000 1 **LYT:** 9999 3

Title: Breadth in the Degree: Humanities

Web Title:

Pseudo Name: HUM07 **Requirement Type:**

Last Modified: Mar 25, 2025 3:54:12 PM **By:** MR1

Common | Reporting | **Reference/Other** | Text | Limits (X-line) | Used By

Completion Rules

Required Sub-reqs: 1 X - Suppress all

Required Hours: 12.0 ' - <No suppression>

Required GPA: 0.0 X - Suppress all

Required Count: 0 X - Suppress all

Maximum Hours: 999.0

Condition Code Assignment

Assignment Control: '' - <Normal Processing>

Assign Condition Codes: ☐ t

Matching Rules

Course Condition Codes

Accept 1/2: y ☐

Reject 1/2: # 2

Conditional Requirement

Accept System CC: ☐

Reject System CC: A

Analytic Audit – Humanities, Intermed./Adv.

Requirement: A.PBKHUM 00001

Requirement Name: A.PBKHUM **FYT:** 0000 1 **LYT:** 9999 3

Title: Breadth in the Degree: I/A Humanities

Web Title:

Pseudo Name: A.PBKHUM **Requirement Type:**

Last Modified: Mar 24, 2025 9:45:21 AM **By:** MR1

Common **Reporting** **Reference/Other** **Text** **Limits (X-line)** **Used By**

Completion Rules

Required Sub-reqs: 0 X - Suppress all

Required Hours: 9999.0 X - Suppress all

Required GPA: 0.0 X - Suppress all

Required Count: 0 X - Suppress all

Maximum Hours: 999.0

Condition Code Assignment

Assignment Control: '' - <Normal Processing>

Assign Condition Codes: ☐ ☐

Matching Rules

Course Condition Codes

Accept 1/2: y ☐

Reject 1/2: # ☐

Conditional Requirement

Accept System CC: ☐

Reject System CC: ☐

Analytic Audit Example - "Z" Courses

Requirement: A.PBK-Z 00001

Summary | **General** | Processing | Reporting | Reference/Other | Courses

Sub-Requirement 1

Required Count: 0 X - Suppress all
Required Hours: 9999.9 X - Suppress all
Required GPA: 0.0 X - Suppress all
Maximum Hours: 999.0 '' - <Use Default>

Sub-req. ReUse: '' - <Use Default>

Matching Rules

Accept OR
S H ☐ ☐ ☐
Reject AND
☐ ☐ ☐ ☐ ☐

OR'd Sub-requirement: ☐

Text OK No
1 Both Humanities and Social Science

Title Title/OK Notes

	A	Course	M	Title	T	CLim	CFig	A	R	Effective Date
1	A *				☐					-

A???????X99ZZZ Rows: 1

Analytic Audit Query Results

DPROG	RNAME	R_SATISFIED	STITLE	SUB_SATISFIED	SUB_GOTGPA	SUB_GOTHR	SUB_GOTCT
A.PBK	A.PBKFL	C	3rd Unit Foreign Language, and above	C	0.000	0.00	2
A.PBK	A.PBKSOC	N	NA	N	4.000	37.00	10
A.PBK	A.PBKGPA	I	2.000 GPA in I/A LAS courses	I	3.852	76.00	25
A.PBK	A.PBKSCI	N	Physical Science	N	0.000	0.00	0
A.PBK	A.PBK-Z	N	NA	N	0.000	3.00	1
A.PBK	A.PBKSCI	N	Natural Science	N	3.688	8.00	2
A.PBK	A.PBKSCI	N	Physical Science	N	4.000	21.00	6
A.PBK	A.PBKSCI	N	Biological Science	N	3.909	14.000	5
A.PBK	A.PBKHUM	N	Humanities	N	4.000	6.000	2
A.PBK	A.PBKSCI	N	Physical Science	N	3.940	28.000	8
A.PBK	A.PBKSCI	N	Biological Science	N	3.750	6.000	2
A.PBK	A.PBKMATH	N	200-Level mathematics, statistics, logic, etc...	N	0.000	0.000	0
A.PBK	A.PBKGPA	I	3.750 University GPA	I	3.900	108.00	33

Analytic Audit Results after some processing

CUM_CREDITS TOTAL	I/A LAS GPA	I/A LAS GPA Credits	University GPA	University GPA Credits	Biological Science	Humanities	Natural Science	Physical Science	Social Science	Total Science
121	4.000	33	4.000	60	0	12.0	36	12	6.0	48
128	4.000	38	4.000	38	3	10.5	4	1	21.5	8
148	3.803	39	3.859	52	0	7.0	46	23	0.0	69
120	4.000	55	4.000	68	3	6.5	4	12	15.5	19
181	3.887	60	3.898	73	4	13.5	0	0	24.5	4
143	3.771	56	3.828	72	30	0.0	11	9	18.0	50
104	4.000	26	4.000	42	3	3.0	8	0	14.0	11
122	3.873	51	3.859	78	11	3.5	15	3	12.5	29
169	3.756	95	3.814	144	0	20.5	38	12	14.5	50
149	3.865	48	3.868	120	2	0.0	16	29	3.0	47



PROGRESS SAVED.

BACK

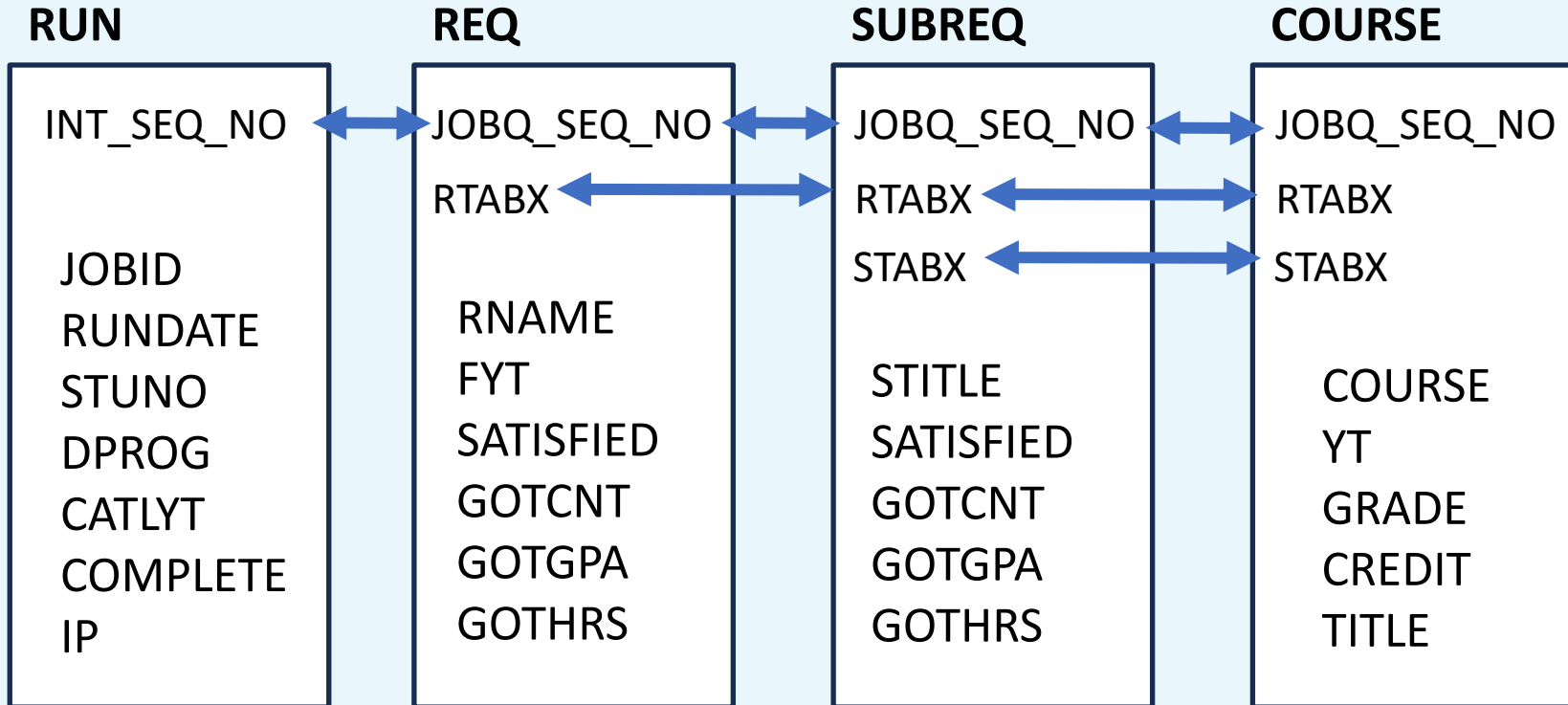
CONTINUE

1. How are students completing the degree Foreign Language Requirement?
 - BA requires 4 units and BS 3 units.
 - Student's degree choice not dependent on major.
 - Requirement can be fully met with High School credit.
2. How many students take **courses** to meet req.?
3. Is the higher FL requirement in the BA a **deterrent**?

Curricular Analysis – Actual Degree Audit

1. Run BA and BS students through their actual audit.
 - BS only requires 3 years of foreign language, BA 4 years.
2. Query (SQL) the Job Queue Run, Job Queue Req, Job Queue Subreq, Job Queue Course tables
3. Merge with data about students' actual degrees to group output (BA or BS)

uAchieve Audit (JOB_QUEUE) Data Structure

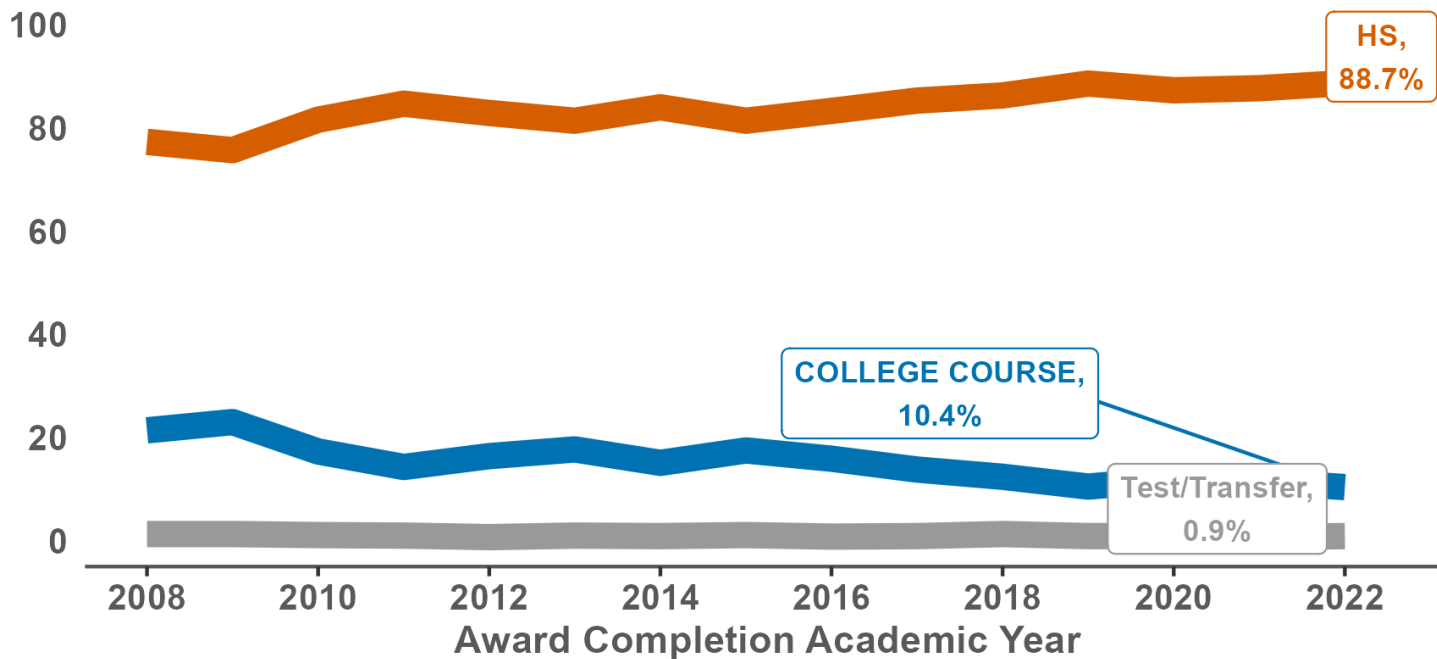


Curricular Analysis – Actual Degree Audit

RNAME ▼	STITLE ▲	COURSE ▲	GRADE ▲
BSFL07	NA	ITALIAN 203	A
BSFL07	NA	SPANISH S03	HS
BSFL07	NA	FRENCH F03	HS
BSFL07	NA	SPANISH S03	HS
BSFL07	NA	SPANISH S03	HS
BAFL07	4th unit or higher	FRENCH F04	HS
BAFL07	3rd unit of a language, AND...	SPANISH S02	HS
BAFL07	4th unit or higher	SPANISH S05	HS
BAFL07	4th unit or higher	SPANISH S04	HS
BAFL07	4th unit or higher	SPANISH S04	HS
BAFL07	4th unit or higher	FRENCH F04	HS

Curricular Analysis – Actual Degree Audit

% Graduates by How Completed FL Req.



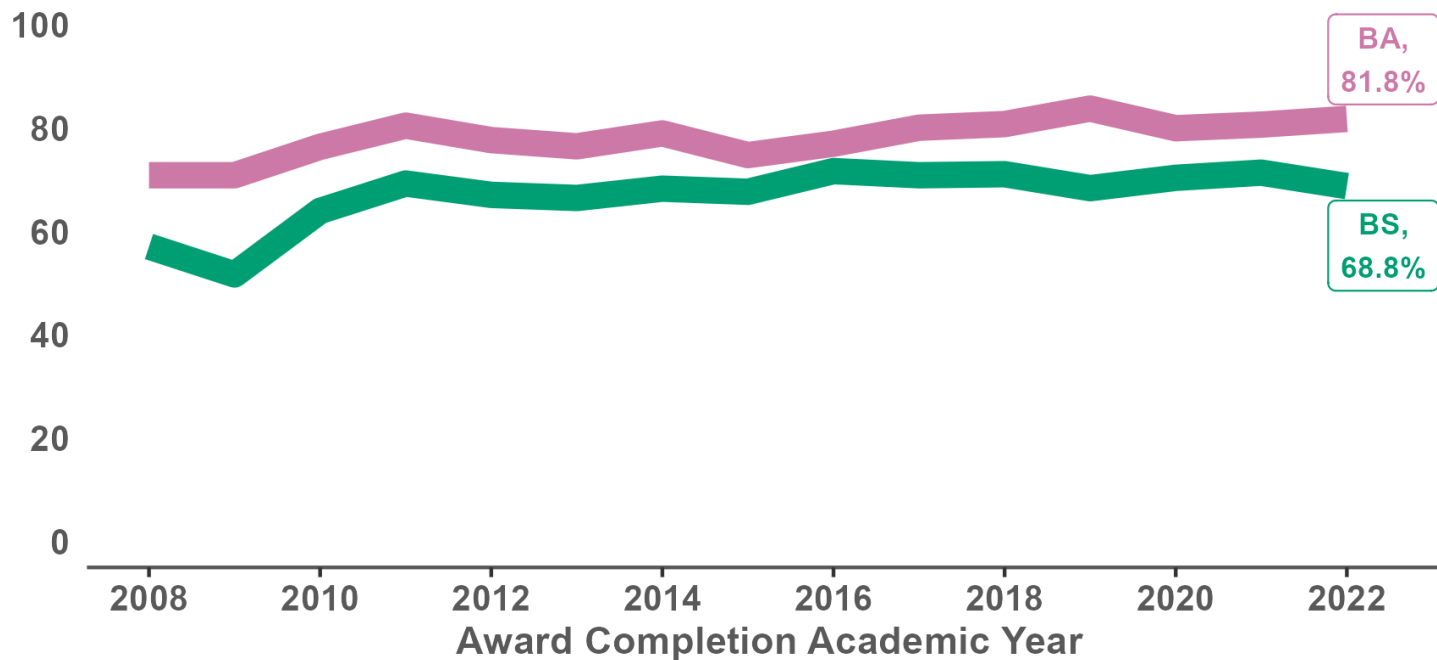
1. Run both BA and BS students through BA FL Req.
 - This uses production BA FL Req. as "Analytic" audit.
 - "Analytic" DPROG contains only this Req.
 - Faster and simpler than running students through BA
2. Query (SQL) the Job Queue Run, Job Queue Req, Job Queue Subreq, Job Queue Course tables
3. Merge with data about students' actual degrees to group output (BA or BS).

Curricular Analysis – Analytic Audit

RNAME	REQ_SATISFIED	REQ_GOTCT	SUB_SATISFIED	COURSE	TERM	CREDIT	GRADE
A.BALANG4	N	0	N	NA	NA	NA	NA
A.BALANG4	N	0	N	NA	NA	NA	NA
A.BALANG4	N	0	N	NA	NA	NA	NA
A.BALANG4	N	0	N	NA	NA	NA	NA
A.BALANG4	N	0	N	NA	NA	NA	NA
A.BALANG4	C	1	C	SPANISH S04	NA	0	HS
A.BALANG4	C	3	C	ASIALANG301	1126	4	A
A.BALANG4	C	1	C	SPANISH S04	NA	0	HS
A.BALANG4	C	13	C	GERMAN 249	1184	3	A
A.BALANG4	C	6	C	ASIALANG303	1102	4	A
A.BALANG4	C	5	C	SPANISH 226013	1184	3	AB

Curricular Analysis – Analytic Audit

% Graduates with 4 Years H.S. Foreign Language

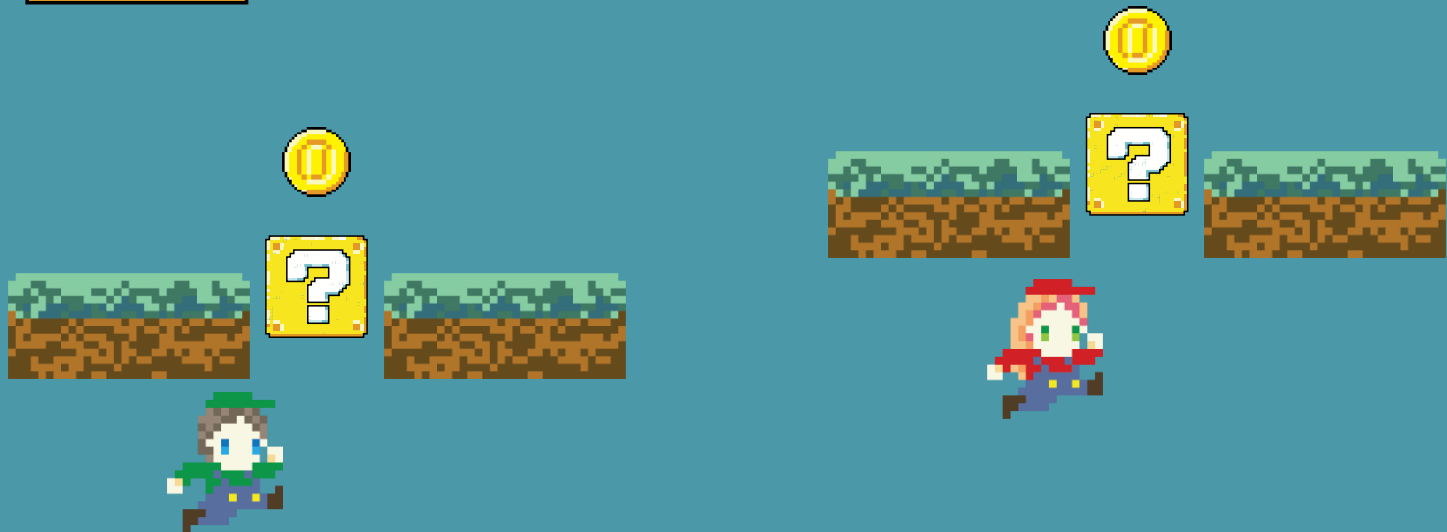


1. You get the data for free.
2. The structure of your encoding creates your data model.
 - Employ a consistent structure
 - Standardize Program and Requirement names
3. Use "analytic" audits.
4. Merge uAchieve data with your institution's data and win!
5. Remember: analysis is a multiplayer game and you can bring your own controller!





QUESTIONS?



Thank you!

Harnessing uAchieve Audit Data to Support Your Operational and Analytic Needs

Susan McMillan, Policy and Planning Analyst
University of Wisconsin - Madison
smcmillan2@wisc.edu

Michael Zenz, Policy and Planning Analyst
University of Wisconsin - Madison
zenz@wisc.edu

#collegesource25



**LEVEL
UP!**

