

Data Warehouse Training: Student Reporting Basics

Agenda

- Overview of the Subject Areas
- Security on the Data
- Universes & Report Writing Tips

Common Phrases

- Enterprise Data Warehouse
- Business Intelligence
- Web Intelligence vs. EDDIE

Categories

Recruiting & Admissions

Pre-Registration & Registration

Academic Records

Course Catalog & Schedule

Security

CAMPUS | COLLEGE | DEPARTMENT

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Subject Areas

Recruiting & Admissions

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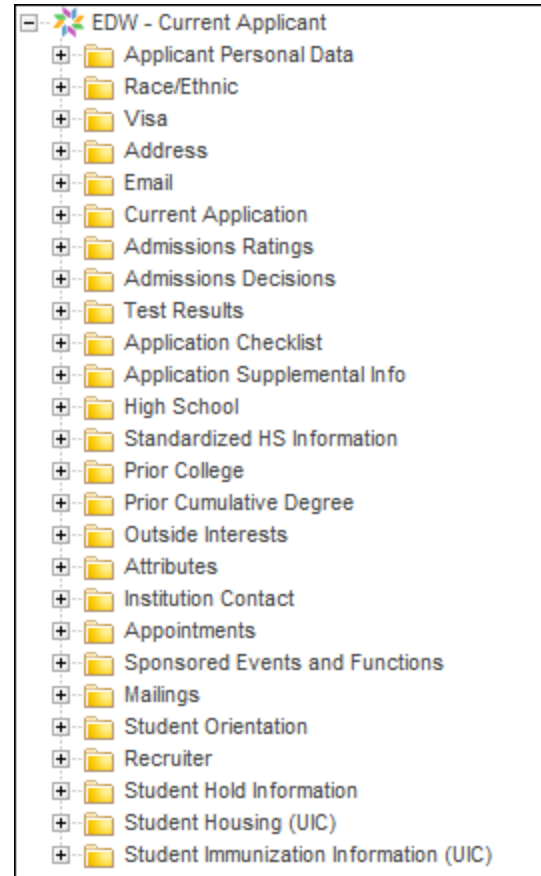
Security

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EDW – Current Applicant

- **Applicant Personal Data**
UIN, NetID, name, citizenship
- **Race/Ethnic**
race ethnic codes & indicators
- **Address**
address, type, telephone
- **Email**
email, type, preferred indicator
- **Current Application**
term, status, student type, college, degree, program
- **Admissions Decisions**
decision code, decision date
- **Test Results**
test, score, max ACT, max SAT
- **High School**
HS name, HS address, HS GPA
- **Prior College**
prior college, prior degree, prior major



Report Writing Tips

- **Always** use a Term Code (120148, 220151, 421058)
- Latest Decisions Only Filter
- Accept Decisions Only Filter
- Student Level Code (1G, 2P, 4U)
- Be aware of multiple types or values (Email, Phone, Address, GPAs, etc)
- **Always** include the Person Confidentiality Indicator for FERPA restrictions.

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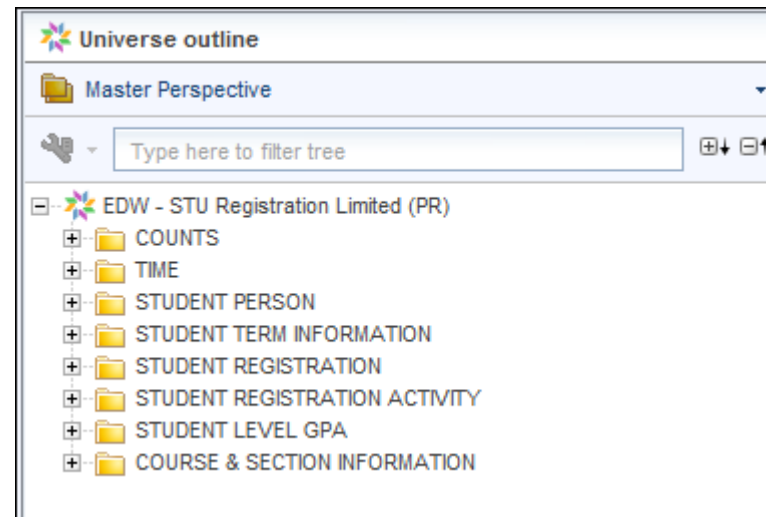
Universes

Student person and registration information

- Registration Complete
 - Registration Limited
 - Registration Directory
 - Registration Census (snapshots)
- 
- More
- Less

EDW - STU Registration Limited

- **Counts**
simple counts, person head count
- **Time**
term code, part of term code
- **Student Person**
UIN, name, email, address, race/ethnicity, gender
- **Student Term Information**
student type, curriculum, hold, attributes
- **Student Registration**
drop/delete/registered, status, level code
- **Student Registration Activity**
archive/history of registration activity
- **Student Level GPA**
cumulative gpa
- **Course & Section Information**
course subject, course number, section number, instructor



Report Writing Tips

- **Always** use a Term Code (120148, 220151, 421058 | Registration Census Code)
- Drop Delete/Registered Indicator = Registered
- Student Registration Indicator = Y (enrollment)
- Primary Instructor Indicator = Y
- Student Level Code (1G, 2P, 4U)
- Be aware of multiple types or values (Email, Phone, Address, GPAs, etc)
- There is typically a description or name associated with codes.
- **Always** include the Person Confidentiality Indicator for FERPA restrictions.

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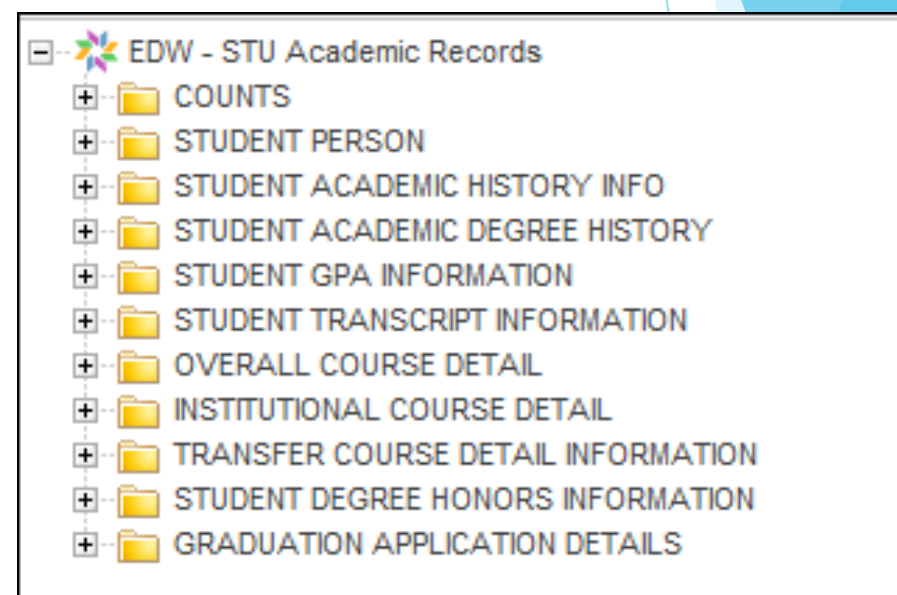
Universes

Student person and academic history information

- Academic Records (most commonly used)
- Records Directory (basic degree information)

EDW - STU Academic Records

- **Counts**
simple counts, person head count
- **Student Person**
UIN, name, email, address, race/ethnicity, gender
- **Student Academic History Info**
AH term code, academic standing, dean's list, attributes
- **Student Academic Degree History**
degree code, degree status code, graduation term code
- **Student GPA Information**
Level GPA, Term GPA, Degree GPA
- **Student Transcript Information**
level and term transcript comments
- **Overall, Institutional and Transfer Course Info**
course subject, course number, section number, instructor
- **Student Degree Honors Information**
degree honor code, degree honor type
- **Graduation Application Details**
graduation status, grad application term code



Report Writing Tips

- Overall Course Detail vs. Institutional Course Detail vs. Transfer Course Detail
- Overall Course Detail (includes institutional, transfer, and test based):
 - Do NOT combine with Institutional and Transfer course work
 - 10 years of course work history
- Term Codes:
 - AH Term Code (for term information; most commonly used)
 - Overall Course Detail Term Code (only used with Overall Course Detail Info)
 - Graduation Term Code
 - Term GPA Term Code
- Degree Status Code = 'AW' (for awarded degrees)
- Be aware of multiple types or values (Email, Phone, Address, GPAs, etc)
- **Always** include the Person Confidentiality Indicator for FERPA restrictions.

Subject Areas

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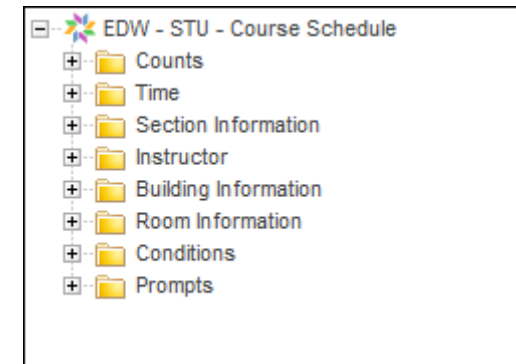
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EDW - STU – Course Schedule

- **Counts**
simple counts, distinct counts
- **Time**
term, part of term
- **Section Information**
CRN, course ID, course subject, course number, enrollment
- **Instructor**
name, email, UIN, assignments
- **Building Information**
building code/name, address
- **Room Information**
room number, type, capacity, attributes
- **Conditions**
current section enrollment, active section, exclude independent studies
- **Prompts**
campus, term, course subject/number, section number



Report Writing Tips

- Course & Section layers
- ID's can roll over (Course ID, CRN, etc)
- Current Section Enrollment filter
- Active Section filter
- Exclude Independent Studies filter
- Be aware of multiple types or values (email, etc)

Decision Support – AITS Resources

- ▶ **AITS Reporting Website:**

https://www.aitis.uillinois.edu/services/reports_and_data

- ▶ **Additional Training:**

https://www.aitis.uillinois.edu/services/reports_and_data/help_and_training/training/

- ▶ **Metadata (including Universe Information and Solution Library):**

https://www.aitis.uillinois.edu/services/reports_and_data/about_data/metadata/

- ▶ **Answers:**

<https://answers.uillinois.edu/ua/>

Data Resources Available

- ▶ **Universe Information:**

https://www.aits.uillinois.edu/services/reports_and_data/about_data/metadata/metadata_for_business_objects_users/universe_information

- ▶ **Solution Library Reports:**

https://www.aits.uillinois.edu/services/reports_and_data/reports/solution_library/student

- ▶ **Data models:**

https://www.aits.uillinois.edu/services/reports_and_data/about_data/metadata/metadata_for_data_downloaders/data_models