Student Services Transformation (SST) Data Access Town Hall Meeting

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Agenda

1. Recap of Last Session
   - Feedback on model (PS_RPT_APPLICATIONS_V)
   - Feedback on Webex
   - Where to find Town Hall documents

2. Crosswalk of UBSIS Plans to UB Entities

3. Course Catalog / Schedule of Classes Data

4. Q & A

5. Next Town Hall
Recap of Last Session

- Feedback on model (PS_RPT_APPLICATIONS_V)
- Feedback on Webex
- Where to find Town Hall documents
InfoSource is Not Going Away
<table>
<thead>
<tr>
<th>Student Services Transformation</th>
</tr>
</thead>
</table>

InfoSource will still contain student data - it will just look different.
Crosswalk of UBSIS Plans to UB Entities
Academic Structure and Entity/Hierarchy

- UB’s academic enterprise is represented in UBSIS via the codes comprising Academic Structure
- Examples: Student Plans, Course Subjects, Academic Organizations
- Entity/Hierarchy DNA is woven through UBSIS Academic Structure
- Provides a common frame of reference
- Facilitates integration of UBSIS data with other information from across the institution
Available Structural Base Models

- Academic Structure base models are present in the iStrategy load
- Structural base models refreshed nightly (PS_RPT_LOK)
- Manipulation of structural base models forms the basis for data integration
- Current structural base models reference (with legacy equivalents)
  - Group (~Unit)
  - Organization (~Course Department)
  - Plan (Student Major)
  - Program (Unit + Major Type + Degree Level)
  - Subject (Course Entity Abbreviation)
  - Degree
  - Term (~Semester)
- \((\text{PS\_RPT\_LOK\_PLAN}) + (\text{ENT\_UB\_ENTITY})) = \text{PS\_RPT\_LOK\_PLAN\_ENTITY\_V}\)
Mapping Plans to Entities: PS_RPT_LOK_PLAN_ENTITY_V

- Recodes all Plan values into atomic components to facilitate local reporting
  - LEGACY_ENTITY_NUMBER
  - LEGACY_AWARD
  - UBSIS_CAREER
  - UBSIS_PROGRAM
  - UBSIS_PLAN_TYPE
  - UBSIS_FUNDING
  - UBSIS_PLAN_ENUMERATIVE
  - UBSIS_APPRV_INT
  - UBSIS_SUBPLAN
  - UBSIS_SUBPLAN_TYPE

- Implement then Optimize!
Before Using PS_RPT_LOK_PLAN_ENTITY_V

- Table contains structure to identify Plans, Minors, and Subplans
- Must select a use code prior to merging with other data otherwise records will be duplicated
- STRUCTURE_USE_CODE: What kind of Plan record is this?
  - Value = “1” : Plan
  - Value = “2” : Minor
  - Value = “3” : Subplan
- Will revisit this convention as we gain experience using the data
- Examples
Course Catalog / Schedule of Classes Data
TRANSLATION: From SIS to UBSIS

- Data Conversion
  - Field Mapping: SIS field X equates to UBSIS field Y
  - Field Names: UBSIS Glossary (ubsistraining.buffalo.edu)

- Current Processes and Business Process Redesign
  - Using UBSIS Data to optimize new processes and workflow

- Guiding Principle: Implement then Optimize
  - Example: UBSIS Class Listing Report
New System Means New Views

- Course Catalog
  - SIS Data  CRS.CATALOG
  - UBSIS Data  PS_RPT_COURSETRANSFORM_V
                PS_RPT_COURSEATTRIBUTES_V
More New Views

• Schedule of Class
  o SIS Data  CRS.ACTIVE and CRS.HISTORY
  o UBSIS Data  PS_RPT_CLASSSCHEDULE_V
                PS-RPT_CLASSINSTRUCTION_V
                PS_RPT_PS_CLASS_NOTES_TBL_V
Using UBSIS Data: Centralized Functions

- Ad-Hoc Reports
  - Course Catalog Maintenance
  - Building and Maintaining Terms
    - Previous Term Enrollment (Class Size)
    - Final Exam Information
    - Seating - Facility and Meeting Pattern Information
    - Combined Sections
Using UBSIS Data: Department Scheduling

- **“Canned” Query: UBSIS Class Listing Report (MyUB)**
  - Replaces the “Course Listing Report”
  - Has additional fields: Final Exam Indicator

- **Ad-Hoc Reporting: Term Building and Maintenance**
  - Enrollment by Section
  - Section information (length; non-standard)
  - Instructor Information
  - Combined Sections (cross-divisional)
  - Class Associations (“chaining”)
Using UBSIS Data: Department Scheduling (Cont)

- Ad-Hoc Reporting: Curriculum Planning
  - Cross-reference class section size across terms
  - Funding sources across terms
  - Faculty Load across terms
Notes on Schedule of Classes Data

- Data refreshed daily from UBSIS, but may have up to a 2 day lag before new information appears
- Views contain a lot of data -- more dimensions than most units will need
- Columns labeled “SOURCEKEY” are UBSIS codes or abbreviations (Academic Group; Academic Organization; Subject; Course ID)
  - SIS to UBSIS landmarks
    - PERSON_NUMBER = Studentsourcekey
    - PERSON_NAME = Student
    - DEPT (entity)
    - SUBJECT (entity)
Questions

- sis.training.buffalo.edu (UBSIS glossary)
- Temporary Data Access website
- UBSIS-SOC-HELP-LIST@LISTSERV.BUFFALO.EDU
Communications

- SST Website at www.buffalo.edu/ub2020/sst
- “SST This Month” updates
- Reporter and Spectrum Articles
- Specific Go-Live Communications
- Two-Way Communications
  - Change Readiness Assessment Surveys
  - Focus groups
  - Feedback to us at ub-sst@buffalo.edu
Next Town Hall - ????????
Thank you!

Questions and Discussion

The public website for the project is located at:
http://www.buffalo.edu/ub2020/sst

We welcome your feedback!
Please email questions and comments to:
ub-sst@buffalo.edu