Remote Meetings Best Practices

- Turn off your video function

- Please go on **Mute** unless you are speaking

- Please **enter your questions in the chat function**. When your question is being answered, you can go off **Mute** to ask follow-up questions

- Please do not use the chat function for off-topic discussions

DATA WAREHOUSE
STUDENT DATA USER GROUP
NOVEMBER 11, 2021

Agenda

- Latest changes to the Pennant Student Records data collection
- Also-Offered-As Courses, and Scheduled-With Course Sections
- Where to find reports in the public Webi folders
- Other announcements and wrap-up

Latest Changes to student data collections

STUDENT - added ETHNICITY_DESC, ROLLUP_RACE_DESC

Ethnicity	Ethnicity_Desc	Rollup_Race	Rollup_Race_Desc
1	Not Hispanic or Latino	1,3	American Indian or Alaska Native;Black or African American
2	Hispanic or Latino	2,H	Asian;Hispanic

Note: Z=Multi-racial no longer exists. Is it still needed?

Latest Changes to student data collections

ADDRESS - added COLLEGE_HOUSE

- Derived from Street1 – not coded, no lookup table
- Address type=LI (Local Penn Institution)
- Length is 15 characters, may contain spaces
- Some examples ->

College_House
ASHHURST RCH
BIRTHDAY RCH
BUTCHER WCH
CLEEMANN RCH
COXE   WCH
THOM PNN RCH

Latest Changes to student data collections

- *DWLD_CURRIC_IDs were reassigned based on the revised business rules approved by the Pennant Data Standards (PDS) Group.*

Curriculum (Degree Pursuals) are uniquely identified by one of these.
1) *For EU division:* *PIDM and Division*

2) *For AU, NU, WU divisions :* *PIDM and Division and Degree*
3) *For Degree pursued in (MBA,PHD):* *PIDM and Division and Degree*
4) *For AL division with BA degree pursued:PIDM and Division and Degree*

5) *For division in (AB,AC,AE,AH,AM,AS):* *PIDM, Division, Degree, Level, 1stMajor, Campus, Program*
6) *For AL division and degree is not BA:* *PIDM, Division, Degree, Level, 1stMajor, Campus, Program*

7) *For All Others:* *PIDM, Division, Degree, Level, 1st Major, Campus*

Latest Changes to student data collections

- Corrections made to EXP_GRAD_TERM
  in ST_DEGREE_PURSUAL and ST_DEGREE_TERM

  - function that calculates a Term from a Date was giving unexpected results based on lookup table for TERMs.

  - Logic now looks at the month portion of Expected Graduation date, not the day of the month.

Also-Offered-As Courses, and Scheduled-With Course Sections

Some definitions:

➢ Course
- An item in the catalog of Penn's courses
- Identified by the Course_ID (Subject Area + Course Number)

Also-Offered-As Course
- When a course is offered under more than one subject area or more than one course number

➢ Course Section
- A scheduled offering of a course in a term, into which students can register
- Identified by the Section_ID (Subject Area + Course Number + Section Number)

Scheduled-With Course Sections
- When multiple course sections meet on the same day/same time/same location taught by the same instructors

Also-Offered-As Courses

- Groups of courses in an Also-Offered-As relationship share an xlist_family code in the warehouse, found in both the COURSE and the COURSE_XLIST tables.

- There will always be one and only one course in the xlist_family that is identified as the *primary.*

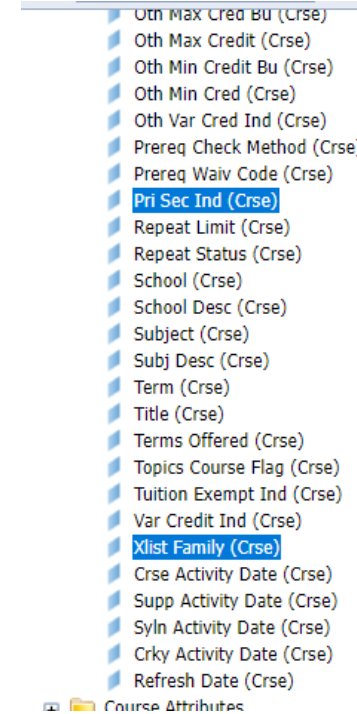- Also-Offered-As courses are representations of **the same course.**

Where to find
Also-Offered-As Courses
in the Pennant Student Records universe

IN "COURSE ALSO OFFERED AS":

- 📂 Course Also Offered As
  - Course ID (CrseXlst)
  - Course Num (CrseXlst)
  - Effective Term (CrseXlst)
  - Pri Sec Ind (CrseXlst)
  - Subject (CrseXlst)
  - Term (CrseXlst)
  - Xlist Family (CrseXlst)
  - Xlist_Pri_Course_ID
  - Xlist Pri Subject (CrseXlst)
  - Xlist Pri Course Num (CrseXlst
  - Activity Date (CrseXlst)
  - Refresh Date (CrseXlst)
  - 📂 Course Mutually Exclude
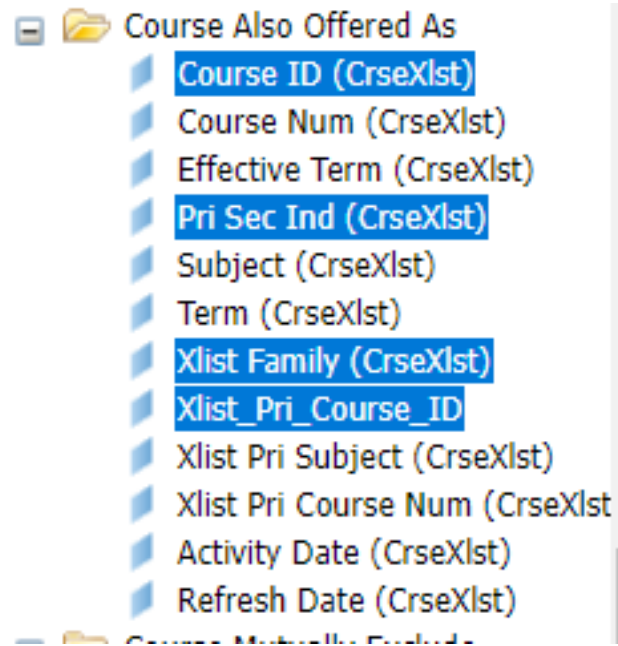
Note: *all* courses are in
COURSE ALSO OFFERED AS

IN "COURSE":

- Oth Max Cred Bu (Crse)
- Oth Max Credit (Crse)
- Oth Min Credit Bu (Crse)
- Oth Min Cred (Crse)
- Oth Var Cred Ind (Crse)
- Prereq Check Method (Crse)
- Prereq Waiv Code (Crse)
- Pri Sec Ind (Crse)
- Repeat Limit (Crse)
- Repeat Status (Crse)
- School (Crse)
- School Desc (Crse)
- Subject (Crse)
- Subj Desc (Crse)
- Term (Crse)
- Title (Crse)
- Terms Offered (Crse)
- Topics Course Flag (Crse)
- Tuition Exempt Ind (Crse)
- Var Credit Ind (Crse)
- Xlist Family (Crse)
- Crse Activity Date (Crse)
- Supp Activity Date (Crse)
- Syln Activity Date (Crse)
- Crky Activity Date (Crse)
- Refresh Date (Crse)
- 📂 Course Attributes

Demonstration query

Demonstration query

Simple report on Also-Offered-As courses

Course ID (CrseXlst)	Title (Crse)	Subj Desc (Crse)	Pri Sec Ind (C	Xlist Family (CrseXlst)	Term (CrseXlst)
REES0100	Portraits of Old Russia	Russian & East European Stud	P	11718	202220
HIST0724	Portraits of Old Russia	History	S	11718	202220
URBS0210	The City	Urban Studies	P	12996	202220
HIST0810	The City	History	S	12996	202220
AFRC2870	Rels & Society in Africa	Africana Studies	P	204	202220
HIST0837	Rels & Society in Africa	History	S	204	202220
RELS2870	Rels & Society in Africa	Religious Studies	S	204	202220
CLST1303	Material Past Dig World	Classical Studies	P	2317	202220
ANTH1303	Material Past Dig World	Anthropology	S	2317	202220
ARTH0127	Material Past Dig World	Art History	S	2317	202220

Questions about Also-Offered-As courses?

Up next: Scheduled-With Course Sections…..

Scheduled-With Course Sections

- Course sections that are scheduled-with each other share a sched_with_group code in the warehouse, found in the CRSE_SECT_SCHED_WITH and CRSE_SECT_SCHED_WITH_GRP tables.

- There will always be one and only one course section in the sched_with_group that is identified as the *primary*

- Scheduled-With course sections can be the same course, but they do not have to be (for example: course sections at different levels that share resources and are not Also-Offered-As in the catalog, can still be scheduled with each other).

Where to find
Scheduled-With Course Sections
in the Pennant Student Records universe

IN "COURSE SECTION SCHEDULED WITH" AND "COURSE SECTION SCHEDULED WITH GROUP"

IN "COURSE SECTION"

- Course Section Scheduled With
  - Course ID (SectSdlW)
  - Course Num (SectSdlW)
  - Course Ref Num (SectSdlW)
  - Group Pri Section ID (SectSdlW)
  - Pri Sec Ind (SectSdlW)
  - Sched With Group (SectSdlW)
  - Section ID (SectSdlW)
  - Section Num (SectSdlW)
  - Subject (SectSdlW)
  - Term (SectSdlW)
  - Xlist Family (SectSdlW)
  - Sect Activity Date (SectSdlW)
  - Ssbx Activity Date (SectSdlW)
  - Refresh Date (SectSdlW)
- Course Section Scheduled With Group
  - Term (SdlWG)
  - Sched With Group (SdlWG)
  - Sched With Group Desc (SdlWG)
  - Group Max Enrlmnt (SdlWG)
  - Group Enrollment (SdlWG)
  - Group Seats Avail (SdlWG)
  - Sect Activity Date (SdlWG)

- Reserved Ind (Sect)
- Schedule Type (Sect)
- School (Sect)
- Section ID (Sect)
- Section Num (Sect)
- Session Code (Sect)
- Special Approval (Sect)
- Special Approval Desc (Sect)
- Subject (Sect)
- Section Status (Sect)
- Section Syllabus URL (Sect)
- Term (Sect)
- Title (Sect)
- Total Credit Hours Bu (Sect)
- Total Cred Hrs (Sect)
- Section Enrollment (Sect)
- Section Registered (Sect)
- Tuit Assess Exmpt (Sect)
- Var Credit Ind (Sect)
- Wait Avail (Sect)
- Wait Capacity (Sect)
- Wait Count (Sect)
- Primary Section ID (Sect)
- Pri Sec Ind (Sect)
- Xlist Enrollment (Sect)
- Activity Date (Sect)
- Refresh Date (Sect)

Demonstration query

Demonstration query

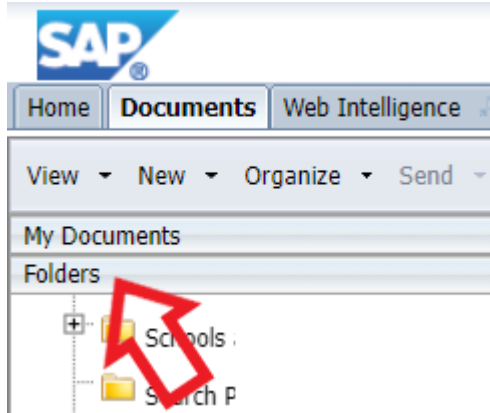Scheduled-With course sections in a term, for Department = HIST

Term (SectSdlW)	Sched With Group (SectSdlW)	Pri Sec Ind (Sect)	Department (Sect)	Section ID (SectSdlW)	Subject (SectSdlW)	Course Num (SectSdlW)	Section Num (SectSdlW)	Section Registered (Sect)	Group Enrollment (SdlWG)	Group Max Enrlmnt (SdlWG)	Xlist Family (SectSdlW)
202130	0E	P	ANCH	ANCH0101401	ANCH	0101	401	9	20	180	2021300EZ4334
202130	0E	S	CLST	CLST0101401	CLST	0101	401	2	20	180	2021300EZ4334
202130	0E	S	HIST	HIST0720401	HIST	0720	401	9	20	180	2021300EZ4334
202130	0I	P	AFRC	AFRC1176401	AFRC	1176	401	0	0	45	2021300IZ3173
202130	0I	S	HIST	HIST1127401	HIST	1127	401	0	0	45	2021300IZ3173
202130	0O	P	ANCH	ANCH0101402	ANCH	0101	402	1	2	30	2021300OZ4334
202130	0O	S	CLST	CLST0101402	CLST	0101	402	0	2	30	2021300OZ4334
202130	0O	S	HIST	HIST0720402	HIST	0720	402	1	2	30	2021300OZ4334

Note: the above example is from Pennant Student Records - DWHE
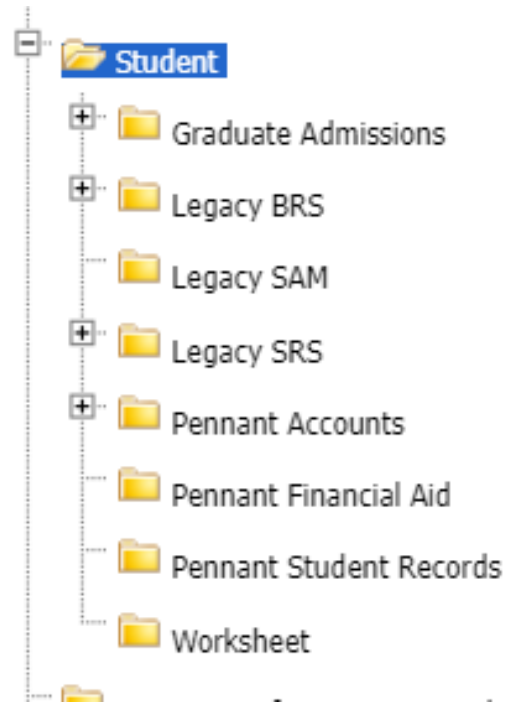
Questions about Scheduled-With course sections?

Up next: where to find canned pre-written queries…
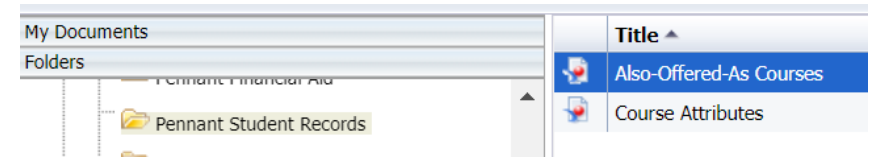
Webi public folders

In the Documents tab,
expand the Folders

… and scroll down to "Student"

… and open Pennant Student Records

Some additional resources

- More about Also-Offered-As courses and Scheduled-With course sections: PSR_training_digest

- Warehouse documentation about tables and what they contain: https://www.isc.upenn.edu/pennant-student-records

- On the srfs.upenn.edu site for faculty/staff resources: Pennant Records | Penn Student Registration & Financial Services| Penn Srfs (upenn.edu)

Wrap-up

◦ Questions/comments

◦ Topics to be covered in future meetings

- Enrollments

- Advanced Registration

◦ Follow-up questions/comments: da-staff@isc.upenn.edu

◦ Discussions about student data: student-wh@lists.upenn.edu