

# Remote Meetings Best Practices

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- 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  
AUGUST 12, 2021

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# Agenda

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- ❖ Announcements
- ❖ What happened to SRS Special Programs?
- ❖ Wrap-up

# Announcements

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## **Potential load delays**

Please be aware that we are coming into a very busy time of year. Last year around this time we experienced overall delays in many of the warehouse collections.

This year we anticipate a similar situation could occur on Monday evening, August 16. The Student Data collection (current collection, sourced from SRS, available via STDTCANQ) may not be refreshed until later than usual on Tuesday, August 17. Please watch for notification to the warehouse listserv on 8/17.

# Announcements, continued

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## Three new columns in CRSE\_SECTION:

- **PRI\_SEC\_IND:** For stand-alone course sections, this column will default to 'P'. For cross-listed courses where the section is the primary section, this column will be 'P'.  
For cross-listed courses where the section is not the primary section, this column will be 'S'
- **PRIMARY\_SECTION\_ID:** For stand-alone course sections, this is the same as the SECTION\_ID. For cross-listed courses where the section is the primary section, this is the same as the SECTION\_ID.  
For cross-listed courses where the section is not the primary section, this is the SECTION\_ID of the primary member of the cross-list group.
- **XLIST\_ENRLMT:** For stand-alone course sections, this is the same as the enrollment for just that one section. For cross-listed courses, this is the sum of the enrollments for all sections in the cross-list group.

## CRSE\_SECTION new fields in Pennant Student Records universe

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Section ID (Sect)	Term (Sect)	Total Enrollment	Pri Sec Ind (Sect)	Primary Section ID (Sect)	Xlist Enrollment
ANCH0101401	202030	6	P	ANCH0101401	11
CLST0101401	202030	0	S	ANCH0101401	11
HIST0720401	202030	5	S	ANCH0101401	11
ARCH5010201	202030	1	P	ARCH5010201	1

Pennant Student Records documentation

<https://www.isc.upenn.edu/pennant-student-records#Tables-and-Data-Elements>  
and learning “digests”:

<https://www.isc.upenn.edu/pennant-student-records#Training>

# What happened to SRS Special Programs?

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OR: Who moved my cheese?

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Screen: ___  SID:          Course:          Term: 21A SPRING 2021

Current Terms:          A C A D E M I C    P R O G R A M S
                      Div Deg Major Concn Clc Pcls Minor School Entry  Pgm  Max
Primary:  NUR BSN NURS          SR  SR          NU    CO    [ ]  5.50
Secondary: NUG MSN AGPP          G          NU    CO          4.50
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# Rationale

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1. The Special Program field in SRS has had a wide and varied usage in SRS's 30+ year history.
2. It has been used primarily to drive tuition and fee rules, but also is used for reporting and transcript notations.
3. Banner does not have an element for "Special Program" but does have many elements that can be on a student's record. These include Student Attribute, Rate Code, Site Code, Cohort, and Academic Program.
4. NGSS Project design has mapped SRS Special Programs to the appropriate element(s) in Banner.



# Mapping example 1

## *Study Abroad and Exchange programs*

Special Program Code	Special Program Name	Rule	Rate Code	Site Code
ABJ	PENN_IN_BEIJING	Use SITE CODE for the specific location	FREE	ABJ
BBB	STUDY ABROAD AT UNIV SAO PAULO BRAZIL	Use either the RATE CODE, or SITE codes starting with 'B', Or the SITE CODE for the specific location	STDYB	BBB
FHI	IDC HERZLIYA IN ISRAEL	Use SITE CODE for the specific location	FREE	FHI

1. SITE is term-specific. Students can have only one SITE per term. In the warehouse, SITE is found in ST\_TERM.
2. Note: we'll be talking about the "FREE" rate codes in a later slide during today's presentation.

# Example 1 using Webi to find Study Abroad

In ST\_TERM, filter for Site codes that start with B (see note\*\*)

The screenshot shows the Webi interface. Under 'Result Objects', there are four buttons: 'Term (ST)', 'Penn ID (ST)', 'Site (ST)', and 'Site Desc (ST)'. Under 'Query Filters', there is an 'AND' button followed by two filter conditions: 'Term (ST) Equal to 202010' and 'Site (ST) Matches pattern B%'.

Term (ST)	Penn ID (ST)	Site (ST)	Site Desc (ST)
202010	11985614	BES	Universitat Ramon Llull-Esade
202010	12050721	BQM	SAB Queen Mary College
202010	14335407	BAA	Study Abroad at Arch. Assoc. S
202010	14336691	BSV	Study Abroad at Univ Seville

Note \*\* Site codes starting with A are the old A\*\* special program codes  
Site codes starting with B are the old B\*\* special program codes  
Site codes starting with F are the old F\*\* special program codes

# Mapping example 2

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## *Nursing Accelerated Program (NAP)*

Special Program Code	Special Program Name	Rule	Program Code
NAP	ACCELERATED NURSING STUDENTS	Use PROGRAM CODE	NU_BSN_NAP

1. Students can have multiple overlapping academic programs – also known as *curricula* -- per term. But they can have only one PROGRAM\_CODE per curriculum per term.
2. Program is found in ST\_TERM (for just the primary program), ST\_DEGREE\_TERM, ST\_DEGREE\_PURSUAL, and ST\_DEGREE\_OUTCOME.

# Example 2 using Webi to find NAP students

Filter for Programs ending with NAP (in this example, using ST\_TERM):

**Result Objects**

Term (ST) Penn ID (ST) Primary Program (ST) Pri Program Desc (ST)

**Query Filters**

AND

Term (ST) Equal to 202010

Primary Program (ST) Matches pattern %NAP

Term (ST)	Penn ID (ST)	Primary Program (ST)	Pri Program Desc (ST)
202010	11466278	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	11533980	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	12185278	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	12535677	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	13285117	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	14547940	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	15680012	NU_BSN_NAP	NU Bachelor of Sci in Nursing
202010	16278396	NU_BSN_NAP	NU Bachelor of Sci in Nursing

# Mapping example 3

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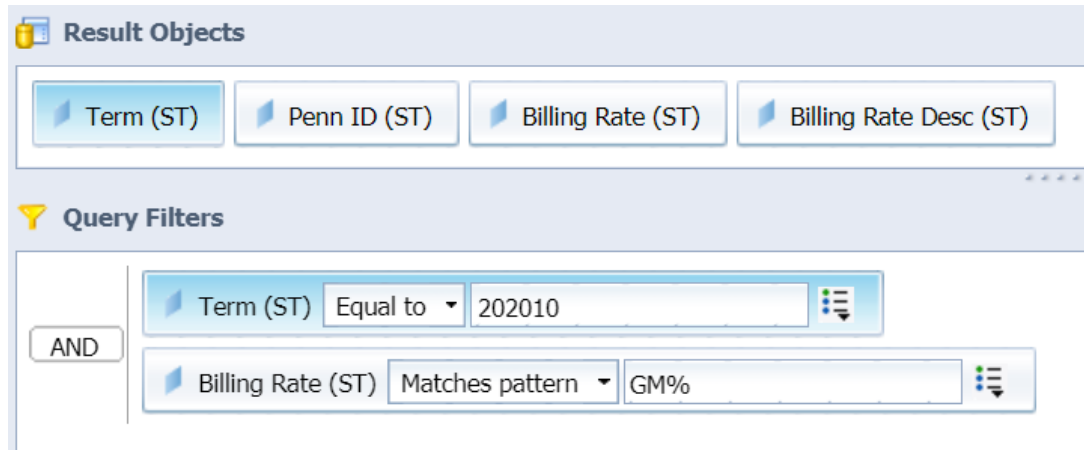
## *Graduate School of Education “E” codes*

<b>Special Program Code</b>	<b>Special Program Name</b>	<b>Rule</b>	<b>Rate Code</b>
EAP	ASPIRING PRINCIPALS	use RATE CODE	GMEAP
EBW	EDUCATION WORK-BASED	use RATE CODE	GMEBW
EP2	EPHRATA 2	use RATE CODE	GMPEP2
EMR	MID CAREER STUDENTS IN REGULAR DISSERTATION	use RATE CODE	GMEMR

1. RATE is term-specific. Students can have only one RATE per term.
2. In the warehouse, the data element is called BILLING\_RATE, and is found in ST\_TERM.

# Example 3 using Webi to find Grad Educ rates

In ST\_TERM, filter for Billing Rate codes that start with GM



The screenshot shows a Webi query interface. Under "Result Objects", there are four columns: Term (ST), Penn ID (ST), Billing Rate (ST), and Billing Rate Desc (ST). Under "Query Filters", there are two filters: "Term (ST) Equal to 202010" and "Billing Rate (ST) Matches pattern GM%".

Term (ST)	Penn ID (ST)	Billing Rate (ST)	Billing Rate Desc (ST)
202010	11286286	GMEFF	Teacher Education
202010	13257626	GMEBW	Education Work-Based
202010	18115489	GMENM	Education Entrepreneurship
202010	83245623	GMMED	Medical Educator

# Mapping example 4

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*RATE codes of "FREE"*

Special Program Code	Special Program Name	Rule	Rate Code	Site Code
FIB	INDIAN SCHOOL OF BUSINESS	use RATE = 'FREE' and SITE CODE	FREE	FIB
FLO	LONDON BUSINESS SCHOOL, U.K.	use RATE = 'FREE' and SITE CODE	FREE	FLO
FST	STOCKHOLM SCHOOL OF ECONOMICS, SWEDEN	use RATE = 'FREE' and SITE CODE	FREE	FST

1. 'Free' rate codes indicate that the Tuition and Fee process will not result in charges for that Term.
2. SITE and RATE are term-specific. Students can have only one SITE and only one RATE per term. In the warehouse, both are found in ST\_TERM.

# Example 4 using Webi to look at programs with the “FREE” rate code

In ST\_TERM, filter for Billing Rate = ‘FREE’ and also return the Site codes

Result Objects

Term (ST) Penn ID (ST) Billing Rate (ST) Billing Rate Desc (ST) Site (ST) Site Desc (ST)

Query Filters

AND

Term (ST) Equal to 202120

Billing Rate (ST) Equal to FREE

Term (ST)	Penn ID (ST)	Billing Rate (ST)	Billing Rate Desc (ST)	Site (ST)	Site Desc (ST)
202120	55683281	FREE	Tuition And Fees Not Charged	FEX	Foreign Exchange Student
202120	E1401066	FREE	Tuition And Fees Not Charged	FEX	Foreign Exchange Student



# Mapping example 5

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## Wharton Executive program

Special Program Code	Special Program Name	Rule	Cohort Code	Program Code
WWE	WHARTON WEST EVEN	use COHORT CODE and PROGRAM CODE	WEMBAEVEN	WX_MBA_SFO
WWO	WHARTON WEST ODD	use COHORT CODE and PROGRAM CODE	WEMBAODD	WX_MBA_SFO
WEE	WHARTON EAST EVEN	use COHORT CODE and PROGRAM CODE	WEMBAEVEN	WX_MBA_PHL
WEO	WHARTON EAST ODD	use COHORT CODE and PROGRAM CODE	WEMBEODD	WX_MBA_PHL

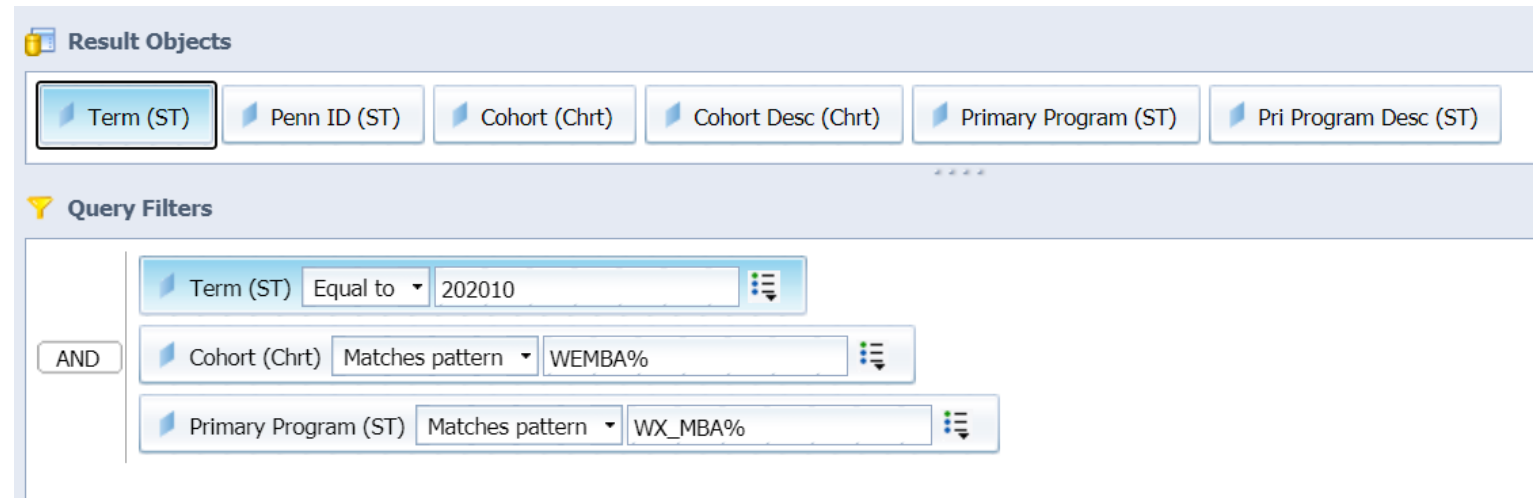
1. Students can have only one program code per curriculum per term. Program is found in ST\_TERM (primary program), ST\_DEGREE\_TERM, ST\_DEGREE\_PURSUAL, and ST\_DEGREE\_OUTCOME.
2. Students can have multiple cohorts per term. Cohort is found in ST\_COHORT.

# Example 5 using Webi to look at Wh Exec programs

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**Filter for Cohorts starting with WEMBA**

**Filter for Programs starting with WX\_MBA**



The screenshot displays a Webi query configuration interface. At the top, under "Result Objects", there are six buttons: "Term (ST)", "Penn ID (ST)", "Cohort (Chrt)", "Cohort Desc (Chrt)", "Primary Program (ST)", and "Pri Program Desc (ST)". Below this is the "Query Filters" section, which contains three filter rows. The first row is for "Term (ST)" with the operator "Equal to" and the value "202010". The second row is for "Cohort (Chrt)" with the operator "Matches pattern" and the value "WEMBA%". The third row is for "Primary Program (ST)" with the operator "Matches pattern" and the value "WX\_MBA%". An "AND" button is positioned to the left of the filter rows.

This is just one example of looking at Wharton Executive programs. See next slide for other options.

## Wharton Executive program, continued

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Term (ST)	Penn ID (ST)	Cohort (Chrt)	Cohort Desc (Chrt)	Primary Program (ST)	Pri Program Desc (ST)
202010	10142749	WEMBAODD	Wharton EMBA Odd	WX_MBA_PHL	WH Exec Master of Bus Admin
202010	10186052	WEMBAODD	Wharton EMBA Odd	WX_MBA_PHL	WH Exec Master of Bus Admin
202010	10262694	WEMBAEVEN	Wharton EMBA Even	WX_MBA_SFO	WH Exec Master of Bus Admin
202010	11092069	WEMBAODD	Wharton EMBA Odd	WX_MBA_PHL	WH Exec Master of Bus Admin
202010	11152071	WEMBAODD	Wharton EMBA Odd	WX_MBA_PHL	WH Exec Master of Bus Admin
202010	11331843	WEMBAEVEN	Wharton EMBA Even	WX_MBA_SFO	WH Exec Master of Bus Admin

The above is the result of filtering on cohorts like 'WEMBA%'. You can also filter for Cohorts ending in ODD or EVEN,  
Or: filter for Programs ending in \_PHL or \_SFO, if you are looking for a particular campus,  
Or: filter for a specific Program code, if that's what you need...

# Mapping example 6

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## *Special Program “T” and “X” codes*

<b>Special Program Code</b>	<b>Special Program Name</b>	<b>Rule</b>
TND	NUR – NURSING ONLINE DNP PROGRAM	Not mapped
TNM	WHARTON NO MAJOR CERTIFICATE PROGRAM	Not mapped
XBM	BRYN MAWR CONSORTIUM PROGRAM	Not mapped
XHV	HAVERFORD CONSORTIUM PROGRAM	Not mapped

1. There is no need for these indicators in Banner as the Banner Tuition and Fee Rule process can be granular and can utilize Banner elements to calculate the correct Tuition and Fees.
2. These codes will continue to exist in the current STDTCANQ Universe, but not the Pennant Student Records Universe.

# A look at the mapping spreadsheet

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Latest draft is available at [https://provider.www.upenn.edu/computing/da/dw/pennant-student-records/Special\\_Program\\_Mapping\\_for\\_training.xlsx](https://provider.www.upenn.edu/computing/da/dw/pennant-student-records/Special_Program_Mapping_for_training.xlsx)

Or, from the U@Penn site: [https://portal.apps.upenn.edu/penn\\_portal/u@penn.php](https://portal.apps.upenn.edu/penn_portal/u@penn.php)

You can go to the Data Warehouse page, from there to the Student section, then to Pennant Student Records

# Wrap-up

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- Questions/comments
- Feedback/ Suggestions for future meetings?
- Follow-up questions/comments: [da-staff@isc.upenn.edu](mailto:da-staff@isc.upenn.edu)
- Discussions about student data: [student-wh@lists.upenn.edu](mailto:student-wh@lists.upenn.edu)