Course Re-Numbering

As noted in the "What is new in the new data collection?" documentation, all course numbers are changing. In SRS, course numbers were between 001 and 999 (3 characters). In Banner, course numbers are between 0001 and 9999, and some courses include a letter following the number.

You may be wondering: How can I report on courses sections across time, when all of the course numbers are changing?

Renumbering rules:

In general, four rules applied to the re-numbering of courses:

1. *Unless Rule #3 or #4 applies* -- If the SRS course number was < 100, the new course number in Banner is the old course number prefaced by a zero.

Example:

OLD (SRS)		New (BANNER)	
SUBJECT AREA	NUMBER	SUBJECT AREA	NUMBER
SAST	001	SAST	0001

2. *Unless Rule #3 or #4 applies* -- If the SRS course number was >= 100, the new course number in Banner is the old course number with a zero appended to the end.

Example:

OLD (SRS)		New (BANNER)	
SUBJECT AREA	NUMBER	SUBJECT AREA	NUMBER
ACCT	101	ACCT	1010

3. If the course in Banner is a new course number either because the old course in SRS needed to be split up into multiple new courses, or there is a substantial change to the school's numbering system, the new number in Banner could be entirely different from the old SRS number. In

some cases, a course that was split into multiple courses went into not just different numbers but also different subject areas.

Examples:

OLD (SRS)		New (BANNER)	
SUBJECT AREA	NUMBER	SUBJECT AREA	NUMBER
EALC	737	EALC	8728
YDSH	509	GSWS	5090
YDSH	509	GRMN	5090
YDSH	509	JSWT	5090
YDSH	509	COML	5090
YDSH	509	YDSH	5090
EDUC	515	EDUC	5015
EDUC	515	EDUC	5016
EDUC	515	EDUC	5017

4. For courses that are multi-term, Banner will have a <u>letter</u> appended to the end of the course number. Multi-term courses will also have a course attribute of MTF (for "Multi-Term First") or MTL (for "Multi-Term Last").

Example:

SUBJECT AREA	NUMBER	Course attribute
ARCH	7820A	MTF
ARCH	7820B	MTL

Note that in the School of Arts and Sciences, some courses are so completely different in Pennant than they were in the legacy system that they do not follow any of the above rules.

Cross-walk table

In the Data Warehouse DWNGSS schema, there is a table called XWALK_CRSE_NUMBER that will provide you with a mapping:

column name	format	description
SRS_SUBJ_CODE	VARCHAR2 (4 Char)	SRS subject area code
SRS_COURSE_NUMBER	VARCHAR2 (3 Char)	SRS course number
SRS_COURSE_ID	VARCHAR2 (8 Char)	SRS subject and course number
NGSS_SUBJECT	VARCHAR2 (4 Char)	Banner subject code of the base course being defined

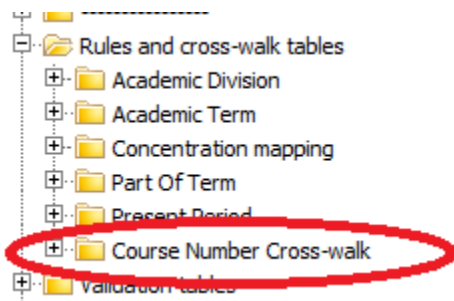| NGSS_COURSE_NUMBER	VARCHAR2 (5 Char)	Banner course number of the base course being defined
NGSS_COURSE_ID	VARCHAR2 (9 Char)	Banner subject and course number
SRS_TOPICS_IND	VARCHAR2 (1 Char)	indicates this was a topics course in SRS
CONV_TOPICS_IND	VARCHAR2 (5 Char)	indicates this will be a topics course in Banner
CONV_TITLE	VARCHAR2 (30 Char)	The initial course title in Banner
CONV_LONG_TITLE	VARCHAR2 (100 Char)	The initial long coures title in Banner

You can do a lookup to this table using the new Banner course subject and course number -- or lookup the course ID which is a concatenation of subject+number – to find the old SRS number for the course. There are some caveats:

1. For courses that are "Scheduled With" in Pennant, the cross-walk table can be used to find the primary sections in the legacy system that map to the primary section in Pennant. You will not be able to locate the secondary courses using this cross-walk.
2. Courses that are proposed/approved in CAT/CM and moved directly to Banner *after* the 2022 NGSS system go-live will not be in the XWALK_CRSE_NUMBER table. This table's sole purpose is to help explain how SRS courses got converted into Banner.

Reminder:

If you have an application or downstream database that gets course data from the warehouse, please make sure it can accommodate the longer course numbers! The field length for Course Number must be set to 5 instead of 3 characters. Subject Area remains 4 characters and Section Number remains 3 characters. If you are using a concatenated Course_ID field, you must increase the field length from 7 to 9. If you are using a concatenated Section_ID column, you must increase the field length from 10 to 12.

For Business Objects users:

In the Pennant Student Records universe, the XWALK_CRSE_NUMBER table is in the folder called "Course Number Cross-walk", located inside "Rules and cross-walk tables" near the bottom of the folders list.

Note: All other course objects in the other parts of the universe (Course, Course Section, Student Enrollment, etc.) will have the *new* course numbers.

Questions about the course re-numbering project and how courses were converted from SRS to Banner should be addressed to the Office of the University Registrar: registrar@upenn.edu