

## **Student Records High-Level Conversion Synopsis**

In March 2008, Cornell University will go live with PeopleSoft Student Records functionality. A conversion of data from the legacy Student Information System (SIS) into PeopleSoft is necessary in order to make this go-live complete. Due to the amount of data that will be converted, it is possible that the data conversion will not be done all at once, but over the course of a week, which will necessitate a period in which student data is "frozen" and no data changes are made.

Cornell currently runs two processes that are referred to as the Mini-Match and the Student Employment Eligibility Update. The Mini-Match is responsible for matching the records for students added into SIS to existing records in PS or for creating a new record in PS for those students. In either case, the PS EmplID is then sent back to SIS to create a link between the students' records in both systems. The Student Employment Eligibility Update is responsible for maintaining certain key fields like citizenship and visa information. The fact that those processes are run frequently means that the conversion programs can rely on the EmplID listed in SIS rather than trying to perform a complicated matching process.

Please note that all data to be converted will come from the SIS Student File with the exception of current enrollment, which will be converted using the SIS Enrollment Extract, current courses, which will be converted using the Course Catalog Extract, Billing addresses, which will come from the Bursar's system, and committee and milestone data from the Graduate School's system.

The conversion process will go more or less as follows:

- PS setup data necessary to support conversion will be identified and entered into the PS application.
- Data mapping will be done to identify where SIS data belongs in PS and what transformations will have to be done on the data in order to get it there.
- Data extract programs written for the 1999 conversion effort to pull the required SIS data will be used for conversion and modified, as needed.
- Custom built data conversion SQRs will be written and modified for the purpose of conversion.
- Custom built SQRs will load the legacy data into staging tables in the same Oracle database where the PS tables reside.
- The data conversion SQRs and two PS-delivered processes will be run to move the data from the staging tables into the appropriate PS tables. The staging tables can be left for data verification purposes.
- Conversion data testing will be conducted by module teams.

The final three steps will occur multiple times in a special conversion database prior to the conversion into the production database.