

BA Academic Pricing

There are 4 types of pricing: default pricing, fixed course pricing where the prices differs from default pricing, senior project pricing, and reading class pricing.

Senior project pricing relates to senior projects. There have the course codes IR-489, BUS-489, FIN-489, and THM-433. There are 4 tiers: 1 person groups, 2 person groups, 3-4 person and 5 person groups. There are no larger numbers of groups. It is not possible to sum the number of students registered in these groups to find out the size of the group as all students are registered as individuals. As a result, the price has to be deduced when one of these course codes appear.

Fixed course pricing is a flat fee. The course code is listed in the Course Fixed Pricing table.

Reading classes are small classes. Prior to 2018 perhaps (maybe later, maybe earlier) some identifier was added to the NormalizedPart / parsed_classpart to indicate the class was a reading class. The substrings that you have to look for are READ REQ SPECIAL*. These classes are normally 15 students or fewer but a class that is 15 students or fewer doesn't automatically make it a reading class -- the admin clerk has to decide to charge the students more. Now (in the last 5 years at least), the classes are named systematically. Before that, you may have to recognize that a class has 15 or fewer students and seems to cost more.

Courses that are not in the special pricing, senior project, or reading class categories should be priced at the default course price in effect at the time of the term. Note it is not the payment date but the term dates of the term in which the class was scheduled that determines which pricing applies.

I would start by dividing the number of courses taken by the default price for that term. If there is no remainder, you have found default priced classes.

In the early year of the school (2009-2014??), there don't appear to have been reading classes.

DOMESTIC / FOREIGN

There is a domestic / foreign price distinction. I am providing the legacy CSV for students but the student have also been loaded. Cambodian or blank citizenship = domestic. Other = foreign

ATTENDANCE FIELD

The attendance field in academiccoursetakers is either Normal (student must pay) or Drop (no charge). This distinction was not well maintained in the early years of the school. We can only balance if we count the Attendance="Drop" classes and divide by the default price. I am not sure when this policy changed.

DATA

I am supplying data in CSV format. These databases may be loaded into Postgres if that will make analysis easier. In the legacy system, the classid is unique -- there may be the same course offered in 2 sections but the classid will be different. In the new SIS, the term / course code / time of day / section taken all together make a class unique. I have created normalized forms of course information with fields called Normalized* because the legacy system did not enforce naming rules.

CSV FILE NAMES

Enrollment = all_academiccoursetakers_250728.csv. In recent year, Attendance="Drop" means student isn't liable to pay. In earlier years, I am not sure when this practice started. This is the equivalent of enrollment line records. For BA and MA classes, there is 1 record per class. For language classes, there are 1-4 records per class. Classes must be matched by term / course code / time of date / section to find associated records. These records are at the student/class level.

Payments = all_receipt_headers_250728.csv. Deleted=1 means a cancelled payment. These are bulk payments for a term. 98% of the time there is 1 record per term. If there are 2 records, sum them together.

Class Headers= all_academicclasses_250728.csv. For BA and MA, there is 1 record. For language, there are 1-4 records per class in later years. In some earlier years, class parts were not distinguished. This file could be used to deduce what class is missing in the event of missing enrollment records. For example, if a student has an IEAP-1, a missing term, and an IEAP-3 record, we can assume he took IEAP-2. We could then look up in this file to choose an IEAP-2 class at the right time of day (and perhaps a matching section) and assign it to him. Make sure that this assignment is flagged as HYPOTHETICAL

Students = all_students_250728.csv. All student IDs throughout the legacy system are 5 digits, left zero-padded: 00010. 12345 and so on. They have to be matched this way.

LANGUAGE PRICING

Language pricing is 100% fixed. There are no subtleties or foreign/domestic price differences. All courses are listed in the Course Fixed Pricing table with their effective dates.