# Teacher Preparation Dataset

*Note: The words “term” and “semester” are used as synonyms in this document.*

This dataset contains information about students who have attended BYU-I and declared a Teacher Preparation major during at least one of the terms they were admitted to the university.

Each row in the dataset represents a semester a student was admitted at BYU-I and includes semester when the student was not in a Teacher Preparation major.

There are 44 columns in the dataset.

The 15 columns prefixed with “Term” are at a term level, meaning they contain information specific to the student during that term and may show different values in every row.

The additional 29 columns contain information at a student-level and will show the same value in every row associated with that student.

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| **Column Name** | **Data Type** | **Description** | **Limitation** |
| StudentID | Categorical | Unique, anonymous identifier for a student |  |
| ServedMission | Boolean | 1 = Served Mission  0 = Did not serve mission |  |
| Ethnicity | Categorical | A student’s ethnicity. Values include:   * American Indian/Alaskan * Asian * Black * Hawaiian, Pacific Island * Hispanic, Latino * White * Two or More Ethnicities * Other * Unknown |  |
| Gender | Categorical | A student’s gender. Values include:   * Male * Female |  |
| CurrentCumGPA | Numeric | A student’s current cumulative GPA. For students with an admission status of graduated, no show, admission hold, deferred, or withdrawn, their cumulative GPA as of the last semester they attended BYU-I. A blank CurrentCumGPA is most likely due to the student being in their first term at BYU-I. | GPA rounded to one decimal place to keep dataset anonymous. |
| ACTComposite | Numeric | A student’s ACT composite score. Blank if unknown or not provided. |  |
| SAT2016Compsite | Numeric | A student’s SAT composite score. Blank if unknown or not provided. |  |
| HighSchoolGPA | Numeric | A student’s high school GPA. Blank if unknown or not provided. | GPA rounded to one decimal place to keep dataset anonymous. |
| ReceivedPell | Boolean | 1 = Student received a Federal Pell Grant while attending BYU-I  0 = Student did not receive a Federal Pell Grant while attending BYU-I or unknown. | Data to indicate if a student received a federal Pell grant is available Fall 2016 to current. |
| CurrentAdmissionStatus | Categorical | A student’s admission status as of when the dataset was pulled.   * Graduated = student received a degree from BYU-I * Admitted = student is currently admitted to BYU-I * No Show = student did not attend during a semester when they were expected to attend * Withdrawn= student officially withdrew from BYU-I * Deferred = student is on deferment * Admission Hold = student has an admission hold |  |
| FirstSemAttended | Categorical | The term when a student first attended BYU-I. |  |
| FirstSemSessionOrder | Numeric | A numerical value associated with a term that orders the terms. Lower numbers represent earlier terms. Higher numbers represent more recent terms. |  |
| FirstSemAge | Numeric | A student’s age at the beginning of the first semester they attended BYU-I | Data to indicate a student’s age during a term available Winter 2015 to current. |
| FirstSemMaritalStatus | Categorical | A student’s marital status at the beginning of the first semester they attended BYU-I. Values include   * Married * Single * Divorce * Widowed * Unknown | Data to indicate a student’s marital status during a term available Spring 2012 to current. |
| FirstSemMajorCode | Categorical | The code of the major a student declared at the beginning of the first semester they attended BYU-I. |  |
| FirstSemMajor | Categorical | The major a student declared at the beginning of the first semester they attended BYU-I. The number before the “-“ is the Major Code. |  |
| EarnedAssociate | Boolean | 1 = Student received at least one associate degree from BYU-I  0 = Student did not receive an associate degree from BYU-I |  |
| AssociateDegreesEarned | Categorical | The associate degree(s) earned from BYU-I by a student. If a student earned more than one associate degree, the degrees are comma separate. |  |
| AssociateDegreesEarnedTerms | Categorical | The terms when the associate degree(s) were earned from BYU-I. If a student earned more than one associate degree, the terms are comma separated and the order of the terms corresponds to the order of the AssociateDegeesEarned. |  |
| EarnedBachDegree | Boolean | 1 = Student received at least one bachelor degree from BYU-I  0 = Student did not receive a bachelor degree from BYU-I |  |
| EarnedTeacherPrepDegree | Boolean | 1 = Student received a teacher prep bachelor degree from BYU-I  0 = Student did not receive a teacher prep bachelor degree from BYU-I |  |
| BachDegreesEarned | Categorical | The bachelor degree(s) earned from BYU-I by a student. If a student earned more than one bachelor degree, the degrees are comma separate. It is not common for a student to earn more than one bachelor degree. |  |
| BachDegreesEarnedTerms | Categorical | The terms when the bachelor degree(s) were earned from BYU-I. If a student earned more than one bachelor degree, the terms are comma separated and the order of the terms corresponds to the order of the BachDegeesEarned. |  |
| BachDegreesEarnedSessionOrders | Categorical | The session orders of the terms when the bachelor degree(s) were earned from BYU-I. If a student earned more than one bachelor degree, the session orders are comma separated and the order of the session orders corresponds to the order of the BachDegeesEarned and BachDegreesEarnedTerms. |  |
| AttemptedPraxisTests | Numeric | The number of times a student attempted a Praxis test. If a student attempted the same test multiple times, each attempted is counted. | Praxis test history available starting with tests taken April 28, 2012 to current.  Tests without an indication of pass/not pass are excluded. Of Praxis tests stored in the data warehouse, 0.6% were excluded because they did not have a pass/not pass indication. |
| PassedPraxisTests | Numeric | The number of Praxis tests passed by a student. | Praxis test history available starting with tests taken April 28, 2012 to current. |
| PraxisTestsAttempted | Comma separated categorical values | The Praxis tests attempted by a student. If a student attempted more than one test, the tests are comma separate. | Praxis test history available starting with tests taken April 28, 2012 to current.  Tests without an indication of pass/not pass are excluded. Of Praxis tests stored in the data warehouse, 0.6% were excluded because they did not have a pass/not pass indication. |
| PraxisTestAttemptedYears | Comma separated numeric values | The years when Praxis tests attempted by a student. If a student attempted more than one test, the years are comma separate and correspond to the order of the PraxisTestsAttempted. |  |
| PraxisTestPassingStatus | Comma separated categorical values | The passing status of Praxis tests attempted by a student. If a student attempted more than one test, the statuses are comma separate and correspond to the order of the PraxisTestsAttempted. |  |
| TermCode | Categorical | Represents the term of when the columns prefixed with “term” happened. |  |
| TermSession | Categorical | The session type (ex: Fall, Winter, Sprint) of the Term Code. |  |
| TermSessionOrder | Numeric | A numerical value associated with a TermCode to order the terms. |  |
| TermClassificationBegin | Categorical | A student’s classification at the beginning of the term indicated by the TermCode column. |  |
| TermMajorCode | Categorical | The major code of a student’s declared major at the beginning of the term indicated by the TermCode column. |  |
| TermMajor | Categorical | A student’s declared major at the beginning of the term indicated by the TermCode column. |  |
| TermTeacherPrepMajor | Boolean | 1 = The student’s declared major during the term was a teacher preparation major.  0 = The student’s declared major during the term was not a teacher preparation major. |  |
| TermMinor1Code | Categorical | The code of a student’s first declared minor at the beginning of the term indicated by the TermCode column. Blank indicates a student did not declare a first minor. |  |
| TermMinor1 | Categorical | A student’s first declared minor at the beginning of the term indicated by the TermCode column. Blank indicates a student did not declare a first minor. |  |
| TermMinor2Code | Categorical | The code of a student’s second declared minor at the beginning of the term indicated by the TermCode column. Blank indicates a student did not declare a second minor. |  |
| TermMinor2 | Categorical | A student’s second declared minor at the beginning of the term indicated by the TermCode column. Blank indicates a student did not declare a second minor. |  |
| TermMaritalStatus | Categorical | A student’s marital status at the beginning of the term indicated by the TermCode column. Values include   * Married * Single * Divorce * Widowed * Unknown | Data to indicate a student’s marital status during a term available Spring 2012 to current. |
| TermCumGPA | Numeric | A student’s cumulative GPA as of the term indicated by the TermCode column. | GPA rounded to one decimal place to keep dataset anonymous. |
| TermGPA | Numeric | A student’s GPA from only the coursework taken during the term indicated by the TermCode column. | GPA rounded to one decimal place to keep dataset anonymous. |
| TermAge | Numeric | A student’s age at the beginning of the term indicated by the TermCode column. | Data to indicate a student’s age during a term available Winter 2015 to current. |