



Unique Identifier for Student (UID Student) Overview

The intent of this document is to provide an overview of the Unique Identifier for Student (UID Student) System. After reviewing this information, please review the training materials available on the website: <http://www.ncpublicschools.org/cedars/uniqueid/student/training/>.

UID Student Overview

- The Unique Identifier for Student System (UID System) will assign a unique NCWISE ID to every student who participates in the NC Public School System.
- Unique NCWISE IDs follow students between school districts and remain valid even if they move out of state and then return to a NC Public School.
- Assigning unique identifiers is the first step in DPI's multi-stage effort to create the NC Common Education Data Analysis and Reporting System (CEDARS).
- Student UID is built on the eScholar Uniq-ID® for Students product.

Overview of Student UID Process

The Student UID process includes 5 main steps:

1. UID source systems create student extract files in eScholar's Batch File Format.
 - Source systems include NCWISE, CECAS, More At Four, LEP, and MIS2000.
2. UID source systems submit student demographic information to UID Student.
 - LEAs and Charter Schools will not submit student data to UID Student.
3. The UID Student System will process student files and assign NCWISE IDs via the UID Matching Engine.
The UID matching engine determines whether two students are the same or different. The Matching Engine will return one of three decisions:
 1. **Match:** If a Match is encountered, it will assign the NCWISE ID of the matching student to the record being submitted.
 2. **Near Match:** If the system encounters a Near Match, multiple Matches, or any combination of both, it will mark the record as 'Resolve Near Matches'.
These records need to be reviewed and resolved by LEAs and Charter Schools.
 3. **No Match:** If the system finds no matching student, it will assign a new NCWISE ID.
4. LEAs and Charter Schools will login to UID Student and resolve Near Matches.
When reviewing near matches, the following two actions can be taken:
 1. **Match:** If the user determines that one of the students listed is the same as the input student whose record is being resolved, the user needs to "Match" the Student ID of that matching student to the input student.
 - A new NCWISE ID is not created, since both the records were identified as belonging to the same student.



2. No Match: If the user determines that none of the students listed match the input batch file record, the user can create a new NCWISE ID for the student.

5. The UID System will automatically provide output files of student information to be consumed by each of the source systems. At a minimum, each source system will consume the Student ID. Some source systems may consume additional student demographic information.

What Student Data is submitted from each source system to Student UID?

Field Name	Required
Current School Code	Yes
Resident District Code	No
Last Name	Yes
First Name	Yes
Middle Name	No
Name Suffix	No
Gender	Yes
Date of Birth	Yes
Current Grade Level	Yes
Local Student ID	Yes
Social Security Number	No
Race / Ethnicity	Yes
Internal ID	No
Current District Code	Yes
Current School Year	Yes
Alt Last Name	No
Preferred NCWISE ID	No
Alternate Source	No
Birth Country	No
Birth State	No
Birth City	No
Previous District/School	No
Mother's Maiden Name	No

How is a Match Determined?

The newly submitted student record is compared against all existing student records to determine the probability that two student records are the same individual. A numerical value (1 to 100) is assigned by UID to represent the matching level of a pair of student records.

- 0-87 = No Match
- 88-93 = Near Match
- 94-100 = Match



Next Steps for LEA and Charter School UID Student Users

1. In order to use the UID Student System, you must complete the registration process for the UID Student System (this includes registration for NCID and UID Student).
 - a. If you are an **LEA level** user, please be sure that you have registered for your LEA (An already registered LEA user must email studentid@dpi.state.nc.us for your account to be approved).
 - b. If you are a **Program** level user (Migrant or EC), please be sure to register at the LEA level and with the role EC or Migrant LEA Coordinator.
 - c. If you are a **School** level user, please be sure to register for your school so that an LEA coordinator in your area can approve your account.
2. Please review all available training materials on the UID Student Training website: <http://www.ncpublicschools.org/cedars/uniqueid/student/training/>. The training materials provide detailed instructions on how to use the UID Student System and resolve near matches.
3. If you have questions or concerns about using the UID Student System, please contact the DPI Service Desk at 919-807-4357 or dpi.incidents@its.nc.us.