

**SIRIS Changes and Clarifications**  
**To be implemented Spring 2022 to Spring 2023**  
*(Last updated on May 3, 2022)*

**I. Degree Submission: To be implemented for the Fall-Spring 2021-22 Degree Submission**

**Part A-Degree Submission** – The following three changes require campus data collection and/or programming updates.

1. **Academic Program ID (DD010):** Expand fatal error to check the provided Academic Program ID against Appendix AD—List of Microcredentials.

Element ID/Name/Format			Description: The academic program identifier indicating the program of study for the reported award, including Microcredentials (see APES Campus View). Required
DD010	Academic Program ID	N(10,0)	
Business Rules – Error Level/Description			
Fatal	REQUIRED element. Academic Program ID cannot be blank.		
Fatal	Primary Academic Program ID must be a valid entry in the Inventory of Academic Programs for the reporting campus (see APES Campus View – registered programs), or in Appendix AD – List of Microcredentials.		
Fatal	Academic Program ID cannot already exist for this Student SUNY ID (DS025) in this degree award (DD025).		
Fatal	Duplicates of Academic Program ID and Award (DD025) are not allowed for this student.		

2. **Primary/Secondary Indicator (DD020):** Add code 3—“Microcredential” and update business rules accordingly.

Element ID/Name/Format			Description: Used to distinguish among those degree recipients who have earned multiple awards at the same award level..... Required.
DD020	Primary/Secondary Indicator	N(1)	
Codes - ID/Name/Description			
1	Primary	Academic program – Degree of Record	
2	Secondary	Academic program – Double Major	
3	Microcredential	A Microcredential Program	
Business Rules – Error Level/Description			
Fatal	REQUIRED for each Award submitted.		
Fatal	Valid values are 1, 2, or 3.		
Fatal	Must provide a Primary (1) degree for each degree recipient submitted, except if a student only received a Microcredential award (Students who only received a Microcredential can be submitted without a Primary or Secondary award).		
Fatal	A Secondary degree must have the same award level as a reported Primary degree.		

3. **Gender Identity (DS065):** Add an element Gender Identity to be consistent with Student Submission.

Element ID/Name/Format/Description			Description: A Degree recipient’s actual or perceived sense of their own gender. One’s gender identity can be the same as or different than their Sex (DS060).
DS065	Gender Identity	C(1)	
Codes – ID/Name/Description			
M	Male		
F	Female		
X	Non-Binary		
U	Unknown		
Business Rules – Error Level/Description			
Warning	Required for HOME INSTITUTION STUDENTS (Admission Status SE010 is 1 – 5). (Warning to be Implemented in Fall-Spring 2021-22 Degree Submission. Will be switched to a Fatal error in Fall-Spring 2022-23 Degree Submission.)		
Fatal	If entered, Gender Identity must be a valid code.		

**Part B Degree Submission – System Administration changes to Data Transferring Systems (DTS) and APES database to reflect updates/changes in Part A and maintain consistency with other submissions.**

1. **Award (DD025):** Add **Microcredential** award level to APES by adding award name “**Micro. C**” to Appendix V – List Academic Awards.
2. **Total Accumulated Credit Hours (DD030):** Update rule to allow for Microcredentials.

Element ID/Name/Format		Description: The total credit hours successfully completed by the degree recipient, which includes credits earned at his/her present campus and credits earned at other institutions that have been accepted by your institution for the satisfaction of any formal award requirements. For graduate students, this includes only those accumulated credits which can be used to satisfy the requirements of a graduate award (includes credit by exam/evaluation). Will be validated in the Data Transfer System and stored in the Data Warehouse for primary degrees only. Contingent
DD030	Total Accumulated Credit Hours / N(5,2)	
Business Rules – Error Level/Description		
Fatal	Total Accumulated Credit Hours is required for each primary academic program, unless Primary/Secondary Indicator (DD020)=3-Microcredential.	
Warning	Total Accumulated Credit Hours for a primary degree cannot be less than 60 for associate award level.	
Warning	Total Accumulated Credit Hours for a primary degree cannot be less than 120 for baccalaureate award level.	
Warning	Total Accumulated Credit Hours for a primary degree cannot exceed 300.	

3. **Student's SUNY ID (DS025):** Update definition and add a rule to accept Global SUNY ID.

Element ID/Name/Format			Description: A unique identifier assigned by System Administration to SUNY students. System Administration will use this ID for student tracking. This field in the data submission will be populated with the correct SUNY ID from the SUNY Student Repository, regardless of the value submitted.  A new SUNY ID will be assigned if none could be found, using the student's key identifying data elements. See Appendix P. Contingent  This field will be Global SUNY ID. Since August 2021, all new students and employees have been assigned a unique Global SUNY ID. For an individual who only had one SUNY ID (either Student's SUNY ID or Employee ID), Global SUNY ID will be the same as the existing ID. For an individual with both Student's SUNY ID and Instructor's SUNY ID, Global SUNY ID will be the individual's Employee ID.
DS025	Student's SUNY ID (Global SUNY ID)	N(10,0)	
Business Rules – Error Level/Description			
Fatal	If provided, Student's SUNY ID (Global SUNY ID) and one of the Student Key Identifying Data Element (see Appendix P) mustmatch those in the SUNY Student Repository System.		
Warning	If Student's SUNY ID (Global SUNY ID) is not provided, the Student Key Identifying Data Elements (see Appendix P) shouldmatch those in the SUNY Student Repository System.		
Warning	The reported Student's SUNY ID is different than the student's Global SUNY ID. Report their Global SUNY ID. (Warning to be Implemented for the Fall-Spring 2021-22 Degree Submission. Will be switched to a Fatal error for the Fall-Spring 2022-23 Degree Submission.)		

4. **Gender (DS060):** Rename to Sex (DD060). To reduce impact on campus. The change will be reflected in Data dictionary specifications.

Element ID/Name/Format/Description			Description: Degree recipient's sex. Must be reported as either Male or Female in order to comply with federal reporting. For those with Social Security Identification, this should be the sex designation recorded with the Social Security office. For international students, this should match the sex designation on the passport. Contingent.
DS060	Sex	C(1)	
Codes – ID/Name/Description			
M	Male		
F	Female		
Business Rules – Error Level/Description			
Fatal	Required if a valid Student's SUNY ID (Global SUNY ID) (DS025) is not provided.		
Fatal	If entered, Gender Sex must be a valid code.		

**II. Student Submissions (Early Student and End of Term): To be implemented for the Fall 2022 Early Student Submission unless specifically indicated.**

**Part A Student Submissions**— The following two changes may require campus data collection and/or programming updates.

1. **Special Population Code (SE025):** Add a new Special Population Code (18), to track students as part of in SUNY Online Degrees at Scale initiative.

Element ID/Name/Format/Description			Description: To identify students with special characteristics. Select all that apply. <a href="#">Report if applicable.</a>
SE025	Special Population Code	N(3,0)	
Codes – ID/Name/Description			
...	...	...	
12	Open SUNY+/SUNY Online+	Student is enrolled in a program approved as Open SUNY+, <a href="#">which is changed to a new name: SUNY Online+</a> . These programs are online, and students receive enhanced support services such as concierge, help desk and 24/7 online tutoring.	
14	Online Student Intent	Student on the Admission Application or by selection of program has indicated their intent to pursue an online degree program. Intention may vary during student's academic history.	
...	...	...	
18	SODaS Student	<a href="#">A student who is part of SUNY Online Degrees at Scale (SODaS) initiative.</a>	
Business Rules – Error Level/Description			
Fatal	If Special Population Code is Open SUNY + (12) <a href="#">(now SUNY Online+)</a> , Primary Academic Program ID (SE030) must be an approved Open SUNY + program listed in Appendix Z. Term (SH020) and Year (SH030) must be during or after Start Term for the Open SUNY + program.		
....	...		
Warning	<a href="#">A SODaS student (18) must be a SUNY Online+ student (12) and have Online Student Intent (14).</a>		
Warning	<a href="#">If a SODaS student (18), the reporting Primary Academic Program ID (SE030) must be a SUNY Online Degrees at Scale Program in Appendix AE.</a>		

2. **Microcredential Code (SE045):** Add an element to accept Microcredentials **(To Implemented for the Fall 2022 End of Term Student Submission)**

Element ID/Name/Format			Description: <a href="#">Microcredential codes for enrolled students.</a> <a href="#">Multiple codes can be reported. (See Appendix AD) Report if applicable.</a>
SE045	Microcredential Code	N(10,0)	
Business Rules – Error Level/Description			
Fatal	<a href="#">When provided, must be valid code in Appendix AD – List of Microcredentials.</a>		

**Part B Student Submissions – System Administration changes to Data Transferring Systems (DTS) to reflect updates/changes in Part A Student Submissions and maintain consistency with other submissions.**

1. **Student's SUNY ID (SD040):** Update definition and add a rule to accept Global SUNY ID.

Element ID/Name/Format			Description: A unique identifier assigned by System Administration to SUNY students. System Administration will use this ID for student tracking.
SD040	Student's SUNY ID (Global SUNY ID)	N(10,0)	This field will be Global SUNY ID. Since August 2021, all new students and employees have been assigned a unique Global SUNY ID. For an individual who only had one SUNY ID (either Student's SUNY ID or Employee ID), Global SUNY ID will be the same as the existing ID. For an individual with both Student's SUNY ID and Instructor's SUNY ID, Global SUNY ID will be the individual's Employee ID.
<b>Business Rules – Error Level/Description</b>			
Fatal	Required for HOME INSTITUTION STUDENTS (Admission Status SE010 is 1 – 5) who have previously enrolled at your institution.		
Fatal	If not provided and no record is found in the SUNY Student Repository System, Student Key Identifying Data Elements (see Appendix P) are required to assign a new Student SUNY ID.		
Fatal	If Student's SUNY ID (Global SUNY ID) is provided, Date of Birth (SD060) or first 3 characters of the Last Name (SD080) or Former Last Name (SD120) or SSN must match those in the SUNY Student Repository System. See Appendix P for detail.		
Fatal	(DTS Submission Error) There are duplicate Student's SUNY IDs with different Student's Local IDs (SD030) in the submission.		
Warning	The reported Student's SUNY ID is different than the student's Global SUNY ID. Report their Global SUNY ID. (Will be switch to a Fatal error in Spring 2023)		

2. **Academic Program ID (SE030):** Revise a rule to reduce “false alarm” warnings for P-Tech Students.

Element ID/Name/Format			Description: The Academic program identifier for the program of study being pursued by the student (see APES Campus View).
SE030	Academic Program ID	N(10,0)	
<b>Business Rules – Error Level/Description</b>			
...	...		
Warning	The corresponding academic award level of Primary Academic Program ID must be consistent with that of Primary Academic Award Level (SE035), except when the student has a Special Population Code (SE025) as P-TECH (10).		

3. **Primary Academic Award Level (SE035):** Revise a rule to reduce “false alarm” warnings for P-Tech Students.

Element ID/Name/Format			Description: The award level of the student's Primary Academic Program.
SE035	Primary Academic Award Level	N(3,0)	
<b>Business Rules – Error Level/Description</b>			
...	...		
Warning	If HEH (SE020) is 5 and Special Population Code (SE025) is not P-TECH (10), Primary Academic Award Level is expected to be 8.		

### III. Term/Section Submission: To be implemented for the Fall 2022 Term/Section Submission

**Part A Term/Section Submission** - The following two changes for Fall 2022 and one change for Spring 2023 may require campus data collection and/or programming updates.

1. **Special Section Curricular Attribute (TT210):** Add a new Special Section Curricular Attribute code (30) to track SUNY Online Degrees at Scale Section.

<i>Element ID/Name/Format</i>		<i>Description:</i> These are codes that describe enhanced curricular attributes that are important to understanding and describing the student's complete academic experience associated with this course/section. Generally, these attributes represent infused course content or experiences that set this course section apart from more typical instructional offerings. Select all that apply.
<b>TT210</b>	<b>Special Section Curricular Attribute</b> N(3,0)	
<i>Codes – ID/Name/Description</i>		
...	...	...
<b>30</b>	<b>SODaS Section</b>	A section that is offered as part of SUNY Online Degrees at Scale (SODaS) initiative.
...		...
<i>Business Rules – Error Level/Description</i>		
...	...	
Warning	If a SODaS Section (30), the reporting campus (TH 010) must be a SUNY Online Degrees at Scale campus (Appendix AE).	

2. **Instructor's Date of Birth (TF065):** Add Instructor's Date of Birth to improve Global SUNY ID instructor matching and prevent the creation of duplicate IDs.

<i>Element ID/Name/Format/Description</i>			<i>Description:</i> The date of birth with two-digit month, two-digit day, and four-digit year.
<b>TF065</b>	<b>Instructor's Date of Birth</b>	MMDDYYYY	
<i>Business Rules – Error Level/Description</i>			
Fatal	Required for community college instructors.		
Fatal	Must be valid month, day, and year.		
Fatal	Instructor's age cannot be less than 10 or greater than 100.		
Warning	Please provide Instructor's Date of Birth for state-operated campuses.		
Warning	This is a key Global ID identifying data element and, if provided, should match those in the Global SUNY ID Repository System to properly identify an individual (see Appendix P).		

3. **Simultaneous Usage (TT200):** Change code format from Boolean to Number. Add a code to identify Online and Remote sections that are cross-listed. Student rosters should be merged for instructional workload purposes. **(To be implemented for the Spring 2023 Term/Section Submission)**

Element ID/Name/Format		Description: Simultaneous Usage indicates the use of the same physical space at the same time by two or more sections, and whether student rosters should be merged for instructional workload purposes. Default is No (0).
TT200	Simultaneous Usage N(1,0)	
Codes – ID/Name/Description		
0	No	No indicates the section is not cross-listed and does not share the same space with other sections (default).
1	Yes – Unrelated	The section uses the same physical space (building and room) at the same time as another one or more sections. For workload, though, should not be combined with simultaneous section.
2	Yes Cross-listed	The section uses the same physical space (building and room), or online at the same time as another one or more cross-listed sections. For instructional workload, this section and cross-listed simultaneous sections should be treated as one section.
Business Rules – Error Level/Description		
Fatal	Must be a valid code (0,1, or 2). Cannot be null.	
Fatal	Error if Simultaneous Usage is No (0) and this room is in use by another section at the same time.	
Warning	If Simultaneous Usage is Yes – Unrelated (1), the section in TS020 (Same Time Campus Section) must share the same building and room, meet at the same time, and Building or Room must not be “Campus” or null.	
Warning	If Simultaneous Usage is Yes – Cross-listed (2), the section in TS020 (Same Time Campus Section) must share the same building and room and meet at the same time or one or more sections is online.	

**Part B Term/Section Submission– System Administration changes to Data Transferring Systems (DTS) to reflect updates/changes in *Part A Term/Section Submission* and maintain consistency with other submissions.**

1. **Student’s SUNY ID (TE020):** Redefine with Global SUNY ID, and add a rule to accept Global SUNY ID.

Element ID/Name/Format			Description: A unique identifier assigned by System Administration to SUNY students. System Administration will use this ID for student tracking. This field will be Global SUNY ID. Since August 2021, all new students and employees have been assigned a unique Global SUNY ID. For an individual who only had one SUNY ID (either Student’s SUNY ID or Employee ID), Global SUNY ID will be the same as the existing ID. For an individual with both Student’s SUNY ID and Instructor’s SUNY ID, Global SUNY ID will be the individual’s Employee ID.
TE020	Student’s SUNY ID (Global SUNY ID)	N(10,0)	
Business Rules – Error Level/Description			
Fatal	If Student’s SUNY ID (Global SUNY ID) is provided, Student’s Last Name (TE030) or Student’s Local ID (TE010) mustmatch those in the SUNY Student Repository System.		
Warning	Required for HOME INSTITUTION STUDENTS.		

Warning	If Student's SUNY ID (Global SUNY ID) is provided, the Student's Last Name (TE030) or SSN should match the student's lastname in the SUNY Student Repository System for that same SUNY ID.
Fatal	(DTS Submission Error) There are duplicate Student's SUNY IDs with different Student's Local IDs (TE010) in the submission.
Warning	The reported Student's SUNY ID is different than the student's Global SUNY ID. Report their Global SUNY ID. (Warning to be Implemented for the Spring 2022 Term/Section Submission. Will be switched to a Fatal error for the Spring 2023 Term/Section Submission.)

2. **Same Time Campus Course ID (TS005):** Revise business rules related to the Simultaneous Usage code update. (To be implemented for the Spring 2023 Term/Section Submission)

Element ID/Name/Format			Description: For sections with Simultaneous Usage (TT200) equal to Yes (1 or 2), identify the unique Campus Course ID of the other section simultaneously using the same space.
TS005	Same Time Campus Course ID	C(15)	
Business Rules – Error Level/Description			
Fatal	Required when Simultaneous Usage is Yes Unrelated (1) or Yes Cross-Listed (2).		
Fatal	If Simultaneous Usage is Yes-Unrelated (1) or Yes Cross-Listed (2) the field must be a valid Campus Course ID.		
Fatal	If Simultaneous Usage is No (0), the field must be blank.		

3. **Same Time Campus Section ID (TS020):** Revise business rules related to the Simultaneous Usage code update. (To be implemented for the Spring 2023 Term/Section Submission)

Element ID/Name/Format			Description: For sections with Simultaneous Usage equal to Yes(1 or 2), identify the unique Campus Section ID of the other section simultaneously using the same space.
TS020	Same Time Campus Section ID	C(15)	
Business Rules – Error Level/Description			
Fatal	Required when Simultaneous Usage is Yes – Unrelated (1) or Yes Cross-Listed (2).		
Fatal	Same Time Campus Section ID (TS020) must not be the same as Campus Section ID (TD050).		
Fatal	If Simultaneous Usage is Yes Unrelated (1) or Yes Cross-Listed (2), the field must be a valid Campus Section ID.		
Fatal	If Simultaneous Usage is No (0), the field must be blank.		

#### IV. Financial Aid: To be Implemented for the 2021-22 Financial Aid Data Submission

The following is a System Administration change to the Data Transferring Systems (DTS) to remain consistent with other submissions.

1. **Student's SUNY ID (FS010):** Redefine the field context with Global SUNY ID, and add a rule to accept Global SUNY ID.

<i>Element ID/Name/Format</i>		
<b>FS010</b>	<b>Student's SUNY ID (Global SUNY ID)</b> N(10,0)	
		<p>Description: A unique identifier assigned by System Administration to SUNY students. System Administration uses this ID for student tracking. This field in the data submission will be populated with the correct SUNY ID from the SUNY Student Repository (See Appendix P), or with null if no match could be found, regardless of the value submitted. Contingent.</p> <p>This field will be Global SUNY ID. Since August 2021, all new students and employees have been assigned a unique Global SUNY ID. For an individual who only had one SUNY ID (either Student's SUNY ID or Employee ID), Global SUNY ID will be the same as the existing ID. For an individual with both Student's SUNY ID and Instructor's SUNY ID, Global SUNY ID will be the individual's Employee ID.</p>
<i>Business Rules – Error Level/Description</i>		
Fatal	Either the SUNY ID (Global SUNY ID) or the Student's Key Identifying Data Elements (see Appendix P) are required for all students with an Award Amount Disbursed (FA090) > 0.	
Warning	If provided, Student's SUNY ID (Global SUNY ID) and one of the Student Key Identifying Data Elements (See Appendix P) must match those in the SUNY Student Repository System.	
Warning	If Student's SUNY ID (Global SUNY ID) is not provided, the Student's Key Identifying Data Elements (See Appendix P) must match those in the SUNY Student Repository System for every student with an Award Amount Disbursed (FA090) > 0.	
Fatal	(DTS Submission error) There are duplicate SUNY IDs in the submission.	
Warning	The reported Student's SUNY ID is different than the student's Global SUNY ID. Report their Global SUNY ID. (Warning to be Implemented for the 2021-22 Financial Aid Submission. Will be switched to a Fatal error for the 2022-23 Financial Aid Submission.)	

## V. Course Submission: To be implemented for January 2023 Course Submissions

The following is a System Administration change to the Data Transferring Systems (DTS) to aide in submission review.

1. **Course Content (CC040):** Add a warning to allow campuses to troubleshoot courses that are missing CIP codes.

Element ID/Name/Format			Description: The expanded CIP (Classification of Instructional Programs) code describes the area of knowledge of the course and is not directly related to the department teaching the course, the degree program that requires the course, or the background of the students enrolled in the course. System Administration will provide an expanded code list for courses that cannot be classified with CIP codes.
CC040	Course Content	C(6)	
Business Rules – Error Level/Description			
...	...		
Warning	Course Content should not be blank or null.		