

# DegreeWorks SureCode UCX Tables Technical Guide

*September 30, 2008  
Release DW4.0.0*



**SUNGARD** HIGHER EDUCATION

What can we help you achieve?

---

**SunGard Higher Education**

4 Country View Road  
Malvern, Pennsylvania 19355  
United States of America  
(800) 522 - 4827

**Customer Support Center website**

<http://connect.sungardhe.com>

**Documentation Feedback**

<http://education.sungardhe.com/survey/documentation.html>

**Distribution Services E-mail address**

[distserv@sungardhe.com](mailto:distserv@sungardhe.com)

**Other services**

In preparing and providing this publication, SunGard Higher Education is not rendering legal, accounting, or other similar professional services. SunGard Higher Education makes no claims that an institution's use of this publication or the software for which it is provided will insure compliance with applicable federal or state laws, rules, or regulations. Each organization should seek legal, accounting and other similar professional services from competent providers of the organization's own choosing.

**Trademark**

Without limitation, SunGard, the SunGard logo, Banner, Campus Pipeline, Luminis, PowerCAMPUS, Matrix, Plus, ediLINK, TreQ, and DegreeWorks are trademarks or registered trademarks of SunGard Data Systems Inc. or its subsidiaries in the U.S. and other countries. Third-party names and marks referenced herein are trademarks or registered trademarks of their respective owners.

**Notice of rights**

Copyright © SunGard Higher Education 1999, 2008. This document is proprietary and confidential information of SunGard Higher Education Inc. and is not to be copied, reproduced, lent, displayed or distributed, nor used for any purpose other than that for which it is specifically provided without the express written permission of SunGard Higher Education Inc.



Think before you print.

# Document Change Log

Version	Date	Change Description
DW4.0.0	September 30, 2008	Update UCX references to reflect new names and naming convention UCX-AUD033 - New UCX-BAN080 enhancements UCX-CFG020BANNER – new flags UCX-CFG020DAP14 – new flags UCX-CFG020PLANNERBLOCK – new table UCX-CFG020WEB – new flags UCX-CFG020WEBPARAMS (old 920IRISLINK) – new flags UCX-CFG078 – New UCX-SHP76 – New UCX-SHP77 – New UCX-STU016 – new flag
7.7.2.D02.P03	May 2008	D20BANNER – Repeatable Option flag D20BANNER – Current Course flag D20DAP13 – Process Cross Listings flag D20DAP13 – Process Equivalencies flag D20PLANNER – add multiple-active, and locking flags D20WEB – header frame height increased D35 – added Web What-If flag D36 – 4 flags were re-implemented D47 – Repeat Policy 0 documented D73 – Cross Listed Courses – New D74 – Reused Courses – New D75 – SHP User Update – New DW385 – match doc to screen
7.7.2.D02.P02	March 2008	D20PLANNER – added “Show completed classes default” and “Allow Changes to Current Term” flags D20BANNER - Cross List in SCREQIV Added new BAN001, BAN002 entries D80 - REPORT feature not require validation table
7.7.2.D02.P01	February 2008	Added View flag to D20 REFRESH Added new flags to D20BANNER Added keyword REPORT to D80 Added Transfer Repeat flags to DW385
7.7.2.D02	December 14, 2007	Removed obsolete entries: D17, D25, D26, D28, D30, D31, D32, D33, D37, D38, D39, D40, D43, DW020, DW318, DW319, DW376, DW377, DW386 Update D27, D46, D98, 910, DW356, DW385 Update D20SEARCH Update D20TRANSFER Update D20BANNER Update D20TREQ General cleanup, match SureCode screens
7.7.2.D01A	August 17, 2007	No Changes
7.7.2.D01	July 27, 2007	Removed non-DegreeWorks entries Applied UDC template to format Added D20RESULTS, UCXD69, D71, D72 Modified UCXD20PLANNER definition Modified UCXD16, D35, D36 definition



# Table of Contents

---

Document Change Log .....	3
Table of Contents .....	4
DegreeWorks Codes.....	7
UCX-AUD012 User Class Codes .....	8
UCX-AUD013 User Class Permissions.....	9
UCX-AUD014 Exception Type Codes .....	10
UCX-AUD015 Exception Status Codes .....	11
UCX-AUD018 Node Type Codes .....	12
UCX-AUD027 Major What-If Picklist .....	13
UCX-AUD029 Minor What-If Picklist .....	15
UCX-AUD033 Financial Aid Awards .....	16
UCX-AUD034 Audit Type .....	17
UCX-AUD047 Repeat Policies .....	18
UCX-BAN001 Schedule Type Codes .....	19
UCX-BAN002 Section Codes.....	20
UCX-BAN003 Gmod Codes .....	21
UCX-BAN080 Banner Custom Data Definitions .....	22
UCX-CFG020 DegreeWorks Configuration Settings.....	28
UCX-CFG020BANNER.....	29
UCX-CFG020BLOCKPRI .....	34
UCX-CFG020DAP13 .....	36
UCX-CFG020DAP14 .....	37
UCX-CFG020DAP15ADVICE.....	41
UCX-CFG020DAP15LABEL .....	42
UCX-CFG020DAP15LIST.....	43
UCX-CFG020DAP21 .....	44
UCX-CFG020DEGINFO.....	45
UCX-CFG020PLANNER.....	47
UCX-CFG020PLANNERBLOCK.....	49
UCX-CFG020RADBRIDGE .....	50
UCX-CFG020REFRESH.....	51
UCX-CFG020RESULTS .....	52
UCX-CFG020RESULTS .....	53
UCX-CFG020SEARCH.....	54
UCX-CFG020TIEBREAK.....	55
UCX-CFG020TRANSFER .....	57
UCX-CFG020TREQ .....	58
UCX-CFG020WEB.....	60
UCX-CFG020WEBPARAMS.....	62

UCX-CFG020WHATIF .....	65
UCX-CFG069 Course Conversions.....	67
UCX-CFG070 Course Equivalence Records.....	68
UCX-CFG071 Note Text.....	69
UCX-CFG072 Planned Courses .....	70
UCX-CFG073 Cross Listed Courses.....	71
UCX-CFG074 Reused Courses .....	72
UCX-CFG078 Split Courses.....	73
UCX-RPT036 Audit Report Formats .....	75
UCX-RPT046 Custom Report Data .....	77
UCX-SCR001 Reserved Words .....	79
UCX-SCR002 Custom Data.....	80
UCX-SCR003 Noncourse Codes .....	83
UCX-SCR004 Requirement Block Type Codes .....	85
UCX-SCR005 Standard Student Data.....	86
UCX-SCR007 Block Parsed Status .....	87
UCX-SCR008 Note Type Codes .....	88
UCX-SCR009 Note Status Codes.....	89
UCX-SCR044 WITH Custom Class Data.....	90
UCX-SCR045 DECIDE Options.....	91
UCX-SHP075 SHP User Update .....	93
UCX-SHP076 SHP Services Update.....	94
UCX-SHP077 SHP Group Update.....	95
UCX-STU016 DegreeWorks Term Descriptions .....	96
UCX-STU023 Student Major Codes .....	97
UCX-STU024 Student Minor Codes.....	98
UCX-STU035 DegreeWorks Catalog Year .....	99
UCX-STU305 Student Level Codes.....	100
UCX-STU306 Student Status Codes.....	101
UCX-STU307 Degree Codes .....	102
UCX-STU0314 Test Codes .....	104
UCX-STU316 Program Codes .....	105
UCX-STU323 Specialization Codes .....	106
UCX-STU324 Liberal Learning Codes .....	107
UCX-STU346 Transfer Calendar .....	108
UCX-STU350 School Code .....	109
UCX-STU351 Division Codes .....	110
UCX-STU352 Discipline Codes .....	111
UCX-STU355 Credit Type Codes .....	112
UCX-STU356 Grade Type Codes .....	113
UCX-STU362 Department Codes .....	114
UCX-STU379 Previous Schools Degrees.....	115
UCX-STU380 Student Class Status Codes .....	116
UCX-STU382 Previous Schools Majors .....	117
UCX-STU385 RAD Grading Table .....	118
UCX-STU398 Transfer Grade Mapping.....	120
UCX-STU560 College Codes .....	121
UCX-STU563 Concentration Codes.....	122

UCX-STU564 Degree Interest Codes .....	123
UCX-STU576 Location Codes .....	124
UCX-SYS001 Table of Contents .....	125
UCX-SYS098 Error/Status Messages .....	126
UCX-SYS910 Terminal Types .....	127
UCX-SYS930 UTL55 Socket Settings .....	128
UCX-SYS933 Data Names.....	129
UCX-SYS935 Web Server Function Buffers.....	131
UCX-SYS941 SureCode Outlook Bar.....	133
UCX-SYS942 SRN_COMMAND System Commands.....	134
UCX-SYS976 Composite Key Map.....	135
UCX-SYS978 Report Domain .....	136
UCX-SYS987 Program Titles .....	137
UCX-SYS998 System Standard Error Messages.....	139
UCX-SYS999 Data Dictionary .....	140
UCX-TRQ002 State Codes .....	141
UCX-TRQ014 ETS Type Codes .....	142
UCX-TRQ020 Country Codes .....	143
UCX-TRQ032 Gender Codes .....	144
UCX-TRQ060 TreQ Favorite Schools .....	145
UCX-TRQ061 TreQ Mapping Conditions.....	146
UCX-TRQ062 Applicant TreQ Status .....	148
UCX-TRQ063 Transfer Articulation Status .....	149
UCX-TRQ064 Undecided Set Type .....	150
UCX-TRQ065 Transfer Articulation Codes .....	151



# UCX Table Descriptions



## DegreeWorks Codes

## UCX-AUD012 User Class Codes

UCX-AUD012 defines the user class codes valid for DegreeWorks. Each person accessing DegreeWorks must be part of a User Class for security purposes. DegreeWorks security uses the user class to control access to notes and exceptions. The user class also sets up defaults to be used when a note or exception is added via the Web.

UCX-KEY:	Len	Description
User Class	4	The user class code. Alphanumeric. Alpha must be upper-case. Usually descriptive of a group of users, e.g. "ADV" for Advisors. Each DegreeWorks user has an ID# and each ID# is mapped to a User Class in the dap_user_mst.
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Description of this user class.
Compass Help File	8	31	Obsolete.
Screen Stu	1	39	Obsolete.
Screen Advisor	1	40	Obsolete.
Screen Dept	1	41	Obsolete.
Screen Div	1	42	Obsolete.
Screen School	1	43	Obsolete.
Internal-Notes	1	44	Y/N. Y = user can see notes marked "internal". N = user cannot see notes marked "internal".
Compass Audit Report	5	45	Obsolete.
Audit Type	2	50	Default audit type (UCX-AUD034). This code controls whether or not the audit is saved to the DAP database.
Default Report Web	5	52	Default Audit report (UCX-RPT036) for Web DegreeWorks, e.g. WEB28. This field is used by the Output Engine.
Default Report Transit	5	57	Default Printed report (UCX-RPT036) for Transit, e.g. RPT31. This field is used by the Output Engine.
Default Internal Type	2	62	Note type (UCX-SCR008) used if note is specified on the Web as internal: Internal=Y
Default Public Type	2	64	Note type (UCX-SCR)08) used if note is not specified on the Web as internal: Internal=N
Default Note Pending	2	66	Note status (UCX-SCR009) used if note is specified on the Web as pertaining to a pending exception: Pending=Y
Default Note Status	2	68	Note status (UCX-SCR009) used if note is not specified on the Web as pertaining to a pending exception – normal note: Pending=N
Default Exception Status	2	70	Exception status (UCX-AUD015) used when status is not specified.
Shp Group	8	72	Obsolete.
Shp Template	14	80	Obsolete.
Reserved 1	7	94	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-AUD013 User Class Permissions

UCX-AUD013 maps a user class code to read/write permissions on data entered by other users of DegreeWorks. These permissions determine whether or not the user can read or write notes entered or maintained by other users.

The DegreeWorks software checks the user class of the person who is logged on against the user class of the Note record. The user class of the note record is the user class of the last modifier of the record. If the record's user class is in the user's UCX-AUD013 User Class Array, then the record can be read by the logged-on user. If the record's user class is in the UCX-AUD013 User Class Array with "W" (write) access then the record can be modified or deleted. If the logged-on user is the initiator (dap\_enter\_id) of the note then the user has write access to the note regardless of user class.

UCX-KEY:	Len	Description
User Class	4	The user class code.
Reserved	7	Reserved for future use. Must be blanks.
Sequence Number	1	A number, sequentially assigned and starting with "1". Valid values are 1-4.
Reserved	18	Reserved for Future use.

UCX-VALUE:	Len	Begins in Byte	Description
User Class	4	1,6,11...	A four byte user class code. Must be valid in UCX-AUD012.
Read/Write Flag	1	5,10,15...	A one byte read/write flag (R=read, W=write).
The above two fields create an array of 20 five-byte fields representing the user class interaction. Typically, users have write access to "lower" user class levels and read access to "higher" user class levels. Each field consists of a four byte user class code and a one byte read/write flag (R=read, W=write).			
Reserved 1	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-AUD014 Exception Type Codes

UCX-AUD014 defines the Exception Type codes. This table is supplied by SunGard Higher Education and clients should not add or delete codes from this table. However, clients may change the Description in UCX-AUD014 if desired. UCX-AUD014 is used to supply the literal for the exception types drop-down list box.

UCX-KEY:	Len	Description
Exception Type	2	The type of exception. This code is defined by SunGard Higher Education and should not be changed.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free text description.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-AUD015 Exception Status Codes

UCX-AUD015 defines the exception status codes. This status code describes the state of the exception, usually either pending or approved.

UCX-KEY:	Len	Description
Exception Status	2	The exception status code, usually representing the source and/or state of the exception.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free text description.
Reserved 1	35	31	Reserved for future use.
Reserved 2	34	66	Reserved for future use.
Pending	1	100	Not implemented.
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-AUD018 Node Type Codes

The node type identifies data on an audit tree. It is used to indicate that an exception is to be made against a requirement. The node type associated with the line clicked in Edit Exceptions is the key into UCX-AUD018. UCX-AUD018 describes the node type, defines what exception types are valid and indicates the data cluster DegreeWorks will use for exceptions against this node type. The node type is assigned by the Parser Engine.

This table is supplied by SunGard Higher Education and should not be modified by the customer.

UCX-KEY:	Len	Description
Node Type	4	The type of Syntax Tree node, usually representing a specific rule qualifier, block qualifier, course, or code. The node type is assigned by the Parser Engine when the DegreeWorks requirements are parsed. The list of valid node types can be found in the Steno source code file dap13eqt.stn.
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free text description.
Cluster	4	31	The cluster code indicates which Add/Modify Exception window to display after the user selects a requirement to be marked as an exception or an exception to be modified.
Reserved 1	16	35	Reserved for future use.
Exception Types 1-10	2x10	51, 53, 55...	List of exception type codes that are valid for this node type. Each code is 2 bytes long and there can be no more than 10 codes. If the list of Exception Types is blank then no exceptions are allowed for this node type.
Reserved 2	30	71	Reserved for future use.
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-AUD027 Major What-If Picklist

UCX-AUD027 defines the codes allowed in the first Major field in the What-If drop-down list boxes.

UCX-AUD027 can be used to map the degree, school and college from the Major during a What-If audit or define the degrees for which each is valid.

Used for Major drop-down list box on Web What-If page.

UCX-KEY:	Len	Description
Major Code	12	The major code from the student system. The key is the Major code (e.g. HIST). However, it is possible for this code to be anything that uniquely identifies Major, Degree, School, College combination, so the What-If drop-down list box will guide the student to select valid combinations of data.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	50	1	Free text description.
Reserved A	4	51	Reserved for future use.
Student Major	12	55	The student major code, used to select students from the student system. This code corresponds to UCX-STU023.
Concl Flag	1	67	Obsolete
Conc2 Flag	1	68	Obsolete
Conc3 Flag	1	69	Obsolete
Spec Flag	1	70	Obsolete
Libl Flag	1	71	Obsolete
Degree	12	72	The UCX-STU307 degree code associated with this major. What-If audits will use this degree if UCX-CFG020 WHATIF Degree Drives Major = M and this field is not blank. Leave this field blank if more than one degree is associated with this major or degree is not used.
School	12	84	The UCX-STU350 school code associated with this major. What-If audits will use this school if UCX-CFG020 WHATIF Degree Drives Major = M and this field is not blank. Leave this field blank if more than one school is associated with this major or school is not used.
Reserved B	5	96	Reserved for future use.
College	6	101	The UCX-STU560 college code associated with this major. What-If audits will use this college if UCX-CFG020 WHATIF Degree Drives Major = D and this field is not blank. Leave this field blank if more than one college is associated with this major or college is not used.
Degree Filter 1	12	107	Filter code by which Web What-If drop-down list boxes are restricted. This code is matched against the FilterBy code on the Degree (UCX-STU307) if UCX-CFG020 WHATIF Degree Drives Major = M. If this degree is selected on the What if web page this major will appear in the drop-down list box.
Degree Filter 2	12	119	Filter code by which Web What-If drop-down list boxes are restricted. This code is matched against the FilterBy code on the Degree (UCX-STU307) if UCX-CFG020 WHATIF Degree Drives Major = M. If this degree is selected on the What if web page this major will appear in the drop-down list box.
Degree Filter 3	12	131	Filter code by which Web What-If drop-down list boxes are restricted. This code is matched against the FilterBy code on the Degree (UCX-STU307) if UCX-CFG020 WHATIF Degree Drives Major = M. If this degree is selected on the What if web page this major will appear in the drop-down list box.
Degree Filter 4	12	143	Filter code by which Web What-If drop-down list boxes are restricted. This code is matched against the FilterBy code on the Degree (UCX-STU307) if UCX-CFG020 WHATIF Degree Drives Major = M. If this degree is selected on the What if web page this major will appear in the drop-down list box.

UCX-VALUE:	Len	Begins in Byte	Description
Degree Filter 5	12	155	Filter code by which Web What-If drop-down list boxes are restricted. This code is matched against the FilterBy code on the Degree (UCX-STU307) if UCX-CFG020 WHATIF Degree Drives Major = M. If this degree is selected on the What if web page this major will appear in the drop-down list box.
Reserved C	3	167	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

### Restricting What-If Picklists

If the FilterBy code on UCX-STU307 matches any one of the five Degree Filter codes in AUD027 then the AUD027 Major will appear in the What-If drop-down list box for Major. UCX-CFG020 WHATIF Degree Drives Major must be set to "M".

Mapping Degree, School and College from Major: Degree, school, and college drop-down list boxes will not appear on the Web What-If page if UCX-CFG020 WHATIF Degree Drives Major is set to "D".

## UCX-AUD029 Minor What-If Picklist

UCX-AUD029 defines the codes allowed in the Minor field in the What-If drop-down list boxes.

UCX-AUD029 can be used to map the college from a Minor during a What-If audit.

Used for Minor drop-down list box on Web What-If page.

UCX-KEY:	Len	Description
MJMN3-Code	12	The minor code from the student system. The key is usually the Minor code (e.g. HIST). However, it is possible for this code to be anything that uniquely identifies Minor and College combination, so the What-If drop-down list box will guide the student to select valid combinations of data.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	50	1	Free-text description.
Reserved A	4	51	Reserved for future use.
Student Minor	12	55	The student minor code, without college, used to select students from the student system. This code corresponds to UCX-STU024.
Conc1 Flag	1	67	Obsolete
Conc2 Flag	1	68	Obsolete
Conc3 Flag	1	69	Obsolete
Spec Flag	1	70	Obsolete
Lib1 Flag	1	71	Obsolete
Degree	12	72	Obsolete
School	12	84	Obsolete
Reserved B	5	96	Reserved for future use.
College	6	101	Obsolete
Conc Filter1	12	107	Obsolete
Conc Filter2	12	119	Obsolete
Conc Filter3	12	131	Obsolete
Reserved 2	27	143	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-AUD033 Financial Aid Awards

UCX-AUD033 defines the different AWARD types that may be used to save blocks in Scribe.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Award	12	The award code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	Description of award.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



# UCX-AUD034 Audit Type

## DO NOT MODIFY

UCX-AUD034 defines the valid audit type codes. An audit type is stored in the database for each audit that is run. It indicates which audits should be saved in the database. Audit Type is also used as criteria for deleting audits.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Audit Type	2	The Audit Type code.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	Free-text description.
Reserved 1	69	32	Reserved for future use.
Save Audit	1	100	Y/N. Y = save to the database. N = show audit results but do not save the audit.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-AUD047 Repeat Policies

This table defines the valid Repeat Policy codes for DegreeWorks. Each Repeat Policy code represents a different method for handling repeated classes in a degree audit.

### DO NOT MODIFY.

UCX-KEY:	Len	Description
Repeat Policy	1	Repeat Policy code.
Reserved	29	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	50	1	The description of the repeat policy.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

### Valid Repeat Policy codes are:

Policy 0	Banner Only. If the SHRTCKN_REPEAT_COURSE_IND is equal to an "E" and the Excluded class is NOT skipped the following rule shall apply: the rad_credits_earn, rad_gpa_credits and rad_grade_points will be set to "000000". This allows these special classes to be displayed on degree audits, but with no impact to the credits earned or GPA.
Policy 1	The credits and grade points of the last (most recent) occurrence are counted by DegreeWorks. Earlier occurrences are forced to the "insufficient" section of the audit. Those in "insufficient" do not count in GPA or Major GPA.
Policy 2	The credits and grade points of the class with the best grade are counted by DegreeWorks. The other occurrences go to "insufficient". Those in "insufficient" do not count in GPA or Major GPA.
Policy 3	All occurrences are counted by DegreeWorks. The audit should apply courses wherever they fit or in the "fallthrough" section of the audit.
Policy 4	All sets of grades and grade points count for GPA calculation. The credits from the last (most recent) occurrence are counted by DegreeWorks. The last occurrence is applied by DegreeWorks and all other occurrences go to "insufficient".
Policy 5	All occurrences of the class should be listed on the DegreeWorks audit where they could apply (i.e. all the occurrences stay grouped together by DegreeWorks). All sets of grades and grade points are used in the GPA calculation, but only credits for the occurrence with the best grade are counted by DegreeWorks. The best grade is used by DegreeWorks when checking MINGRADE. For example: a student takes MATH 101 three times with grades of F, D, and A, for credits of 3, 4, and 5, respectively. When policy 5 is in use, the auditor is given a pseudo course of MATH 101 with a grade of A and credits of 5. This pseudo course is used when the auditor is moving classes for the best fit algorithm. When it is time to create the audit report, instead of showing the single pseudo course MATH 101 we display all three occurrences of MATH101 wherever the pseudo course was placed.
Policy 6	Keep this occurrence of the class. This repeat policy is used when the repeat situation cannot be handled by any of the other policies. All occurrences marked with a Grade-Type that maps to Policy 6 are counted by DegreeWorks for GPA and credits. All other occurrences go to "insufficient" and do not count in GPA or Major GPA.
Policy S	Banner only. If the SHRTCKN_REPEAT_COURSE_IND is equal to an "E" and the Excluded class is NOT skipped the following rule shall apply: the rad_credits_earn, rad_gpa_credits and rad_grade_points will be set to "000000", the insuff-flag will be set to Y and the repeat-ptr and repeat-ply are blanked out.. This allows these special classes to be displayed I in the insufficient section of the report, but with no impact to the credits earned or GPA.

# UCX-BAN001 Schedule Type Codes

BANNER Sites ONLY.

This table is used by the Banner Bridge extract to determine if “zero-credit” lab classes should be skipped and not rolled to DegreeWorks. If this feature is desired, then the Schedule Type Codes that are used on the “zero-credit” lab classes and are to be “excluded” from DegreeWorks should be loaded into this table.

SFRSTCR\_SCHD\_CODE for current classes and SHRTCKN\_SCHD\_CODE for historic classes. For example, if SCHD\_CODES “CR”, “N” and “R” are used on lab classes and those with “0” credits are NOT to be rolled to DegreeWorks, then these 3 codes should be added to UCX-BAN001 using SureCode.

**NOTE:**

BAN001 and BAN002 may both be used to filter out “zero-credit” lab classes if a mix of SCHD\_CODES and SEQ\_NUMB values is used at your site.

UCX-KEY:	Lng	Description
Schedule Code	3	The SCHD_CODE values that are to be excluded from DegreeWorks for ZERO-CREDIT classes.
Reserved	27	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Description	30	1	Description of SCHD_CODE for ZERO-CREDIT current (SFRSTCR) and historic (SHRTCKN) classes.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-BAN002 Section Codes

BANNER Sites ONLY.

This table is used by the Banner Bridge extract to determine if “zero-credit” lab classes should be skipped and not rolled to DegreeWorks. If this feature is desired, then the SFRSTCR\_SEQ\_NUMB (current classes) and SHRTCKN\_SEQ\_NUMB (historic classes) values that are used on the “zero-credit” lab classes that are to be “excluded” from DegreeWorks should be loaded into this table. For example, if SEQ\_NUMB codes of “L1”, “L2” and “LB” are used on lab classes and those with “0” credits are NOT to be rolled to DegreeWorks, then they should be added to UCX-BAN002.

NOTE:

UCX-BAN001 and UCX-BAN002 may both be used to filter out “zero-credit” lab classes if a mix of SCHD\_CODES and SEQ\_NUMB values is used at your site.

UCX-KEY:	Lng	Description
Section Code	3	The SEQ_NUMB values that are to be excluded from DegreeWorks for ZERO-CREDIT current (SFRSTCR) and historic (SHRTCKN) classes..
Reserved	27	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Description	30	1	Description of SEQ_NUMB Section code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-BAN003 Gmod Codes

This table is used by the Banner Bridge extract to determine if classes should be skipped and not rolled to DegreeWorks. If this feature is desired, then the Gmod Codes (Grade Types) that are to be “excluded” from DegreeWorks should be loaded into this table. The SFRSTCR\_GMOD\_CODE for current classes and SHRTCKG\_GMOD\_CODE for historic SHRGCKN classes will be looked up in this table and if a match is found the class record will be skipped. For example, if a class with a GMOD\_CODE of “A” is NOT to be rolled to DegreeWorks, then a UCX Key of “A” should be added to UCX-BAN003, using SureCode.

UCX-KEY:	Lng	Description
Gmod Code	3	The Banner GMOD_CODE values that are to be excluded from DegreeWorks.
Reserved	27	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Description	30	1	Description of GMOD_CODE for current (SFRSTCR) and historic (SHRTCKN) classes that should NOT be extracted into DegreeWorks.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-BAN080 Banner Custom Data Definitions

If your institution has stored non-standard data in Banner that is required in DegreeWorks to accurately define the rules to complete a degree but is NOT being extracted via the DegreeWorks Banner Student extract program, then UCX-BAN080 may be used to specify this data so that it may be extracted into the rad\_custom\_dtl, rad\_report\_dtl or rad\_aid\_dtl.

UCX-BAN080 contains the location (database TABLE and COLUMN) of the desired data in Banner along with the required WHERE clause to retrieve this non-standard data and an ORDER BY clause to sort the data in the desired sequence. This table must contain the valid SQL pieces to be used by the “banstudent” Banner Student extract program to retrieve the desired data from the Banner database: COLUMN, TABLE, WHERE and ORDER BY clauses. The COLUMN and TABLE clauses are required while the WHERE and ORDER BY clauses are optional. If the WHERE clause is left blank or the entry is not included in UCX-BAN080 the WHERE clause will automatically be loaded with the student’s personal ID code (PIDM) by the Banner extract program. If the ORDER BY clause is left blank or the entry is not included in UCX-BAN080 the ORDER BY clause will automatically be loaded with the COLUMN being selected (e.g., SGBSTDN\_ORSN\_CODE).

For example, if an institution wanted to determine if the “Core Requirements” have been satisfied for a student which is indicated by a flag of ‘S’ in the SGBSTDN\_ORSN\_CODE column from the SGBSTDN table, a *Keyword* of “CORESAT” could be assigned. This “CORESAT” *Keyword* would be required in every UCX-BAN080 entry so that a proper SQL statement to extract this data could be constructed.

UCX Key	UCX Value
CORESAT: COLUMN	SGBSTDN_ORSN_CODE
CORESAT: TABLE	SGBSTDN
CORESAT: WHERE	SGBSTDN_ORSN_CODE = 'S'
CORESAT: ORDERBY	SGBSTDN_ORSN_CODE

When the following “CORESAT” SQL statement is executed for a given student:

```
SELECT SGBSTDN_ORSN_CODE
FROM SGBSTDN
WHERE SGBSTDN_PIDM = 33333 AND (SGBSTDN_ORSN_CODE = 'S')
ORDER BY SGBSTDN_ORSN_CODE
```

and an SGBSTDN record is selected for the student an “S” would be returned and loaded into the rad\_custom\_value on the rad\_custom\_dtl with the rad\_custom\_code of “CORESAT”. A rule could then be defined in Scribe to check for a “CORESAT” code of ‘S’ on the rad\_custom\_dtl for a given student:

```
If (CORESAT = 'S') Then
  Rule-Complete
  Label "Core Requirements Satisfied"
Else
  ... other requirements would be defined here;
```

Three types of records in the RAD database may be created using dynamic retrievals defined in UCX-BAN080:

The default location for this “custom” data is the **rad\_custom\_dtl**. This custom data can then be included in rules scribed for your audits as show above. A unique *Keyword* must be chosen for each custom piece of data extracted from Banner. In the example below, the *Keyword* for the entry below is “STUDENTHOLD” (before the colon).

UCX-BAN080	STUDENTHOLD: COLUMN	SPRHOLD_HLDD_CODE
------------	---------------------	-------------------



**Simple example:**

UCX-KEY:	Len	Description
Keyword:SQL Clause	30	<p>The Keyword must be first (UPPER CASE) followed by a colon “:” and then the SQL Clause. No BLANKS are allowed in this key. For example, if the Keyword is “CORESAT” for “Core Satisfied” then the key entries would be:</p> <p>CORESAT: COLUMN CORESAT: TABLE CORESAT: WHERE CORESAT: ORDERBY</p> <p>Additional informational keywords might be used for descriptive purposes: CORESAT: DESCRIPTION – this entry will be ignored by “banstudent” but multiple lines of description might be included for documentation purposes.</p>

UCX-VALUE:	Len	Begins in Byte	Description										
SQL Statement or a Description	200	1	<p>Text of the particular SQL clause or a description. For example, to illustrate the UCX-BAN080 entries required for the CORESAT example listed above the following entries may be loaded:</p> <table border="0"> <thead> <tr> <th>UCX Key</th> <th>UCX Value</th> </tr> </thead> <tbody> <tr> <td>CORESAT: COLUMN</td> <td>SGBSTDN_ORSN_CODE</td> </tr> <tr> <td>CORESAT: TABLE</td> <td>SGBSTDN</td> </tr> <tr> <td>CORESAT: WHERE</td> <td>SGBSTDN_ORSN_CODE = 'S'</td> </tr> <tr> <td>CORESAT: ORDERBY</td> <td>SGBSTDN_ORSN_CODE</td> </tr> </tbody> </table> <p>The SQL statement when concatenated by the Banner Bridge extract would be something like the following:</p> <pre>select SGBSTDN_ORSN_CODE from SGBSTDN   where SGBSTDN_PIDM = 822 and   (SGBSTDN_ORSN_CODE = 'S')   order by SGBSTDN_ORSN_CODE;</pre> <p>NOTE: One set of parenthesis is automatically put around the entire UCX-BAN080 WHERE clause as the PIDM will always be included first outside of the parenthesis displayed in this example. If a complex WHERE clause is desired then other parenthesis may be used as well to ensure the correct results are returned.</p>	UCX Key	UCX Value	CORESAT: COLUMN	SGBSTDN_ORSN_CODE	CORESAT: TABLE	SGBSTDN	CORESAT: WHERE	SGBSTDN_ORSN_CODE = 'S'	CORESAT: ORDERBY	SGBSTDN_ORSN_CODE
UCX Key	UCX Value												
CORESAT: COLUMN	SGBSTDN_ORSN_CODE												
CORESAT: TABLE	SGBSTDN												
CORESAT: WHERE	SGBSTDN_ORSN_CODE = 'S'												
CORESAT: ORDERBY	SGBSTDN_ORSN_CODE												
Revision	6	201	Revision code										
Who	8	207	User who last updated this record.										
TimeStamp	6	215	CHRONOS stamp of last update.										

Once these pieces of the SQL clause have been defined properly above then the ‘CORESAT’ keyword above can be used in a rule used for an audit. For example, the rule might be:



**More complex example – multiple WHERE lines:**

UCX-VALUE:	Len	Begins in Byte	Description																								
SQL Statement or a Description	200	1	<p>Text of the particular SQL clause or a description. For example, to illustrate the UCX-BAN080 entries required for a more complex example used to retrieve the CAMPUS code different columns and a multiple line WHERE clause are displayed below:</p> <table border="0"> <thead> <tr> <th>UCX Key</th> <th>UCX Value</th> </tr> </thead> <tbody> <tr> <td>CAMPUS: COLUMN</td> <td>SORLCUR_CAMP_CODE</td> </tr> <tr> <td>CAMPUS: ORDERBY</td> <td>SORLCUR_CAMP_CODE</td> </tr> <tr> <td>CAMPUS: REPORT</td> <td>STVCAMP</td> </tr> <tr> <td>CAMPUS: TABLE</td> <td>SORLCUR a</td> </tr> <tr> <td>CAMPUS: WHERE_1</td> <td>a.SORLCUR_CACT_CODE = 'ACTIVE'</td> </tr> <tr> <td>CAMPUS: WHERE_2</td> <td>AND a.SORLCUR_SEQNO =</td> </tr> <tr> <td>CAMPUS: WHERE_3</td> <td>(SELECT MAX(b.SORLCUR_SEQNO) FROM SORLCUR b</td> </tr> <tr> <td>CAMPUS: WHERE_4</td> <td>WHERE b.SORLCUR_PIDM = a.SORLCUR_PIDM</td> </tr> <tr> <td>CAMPUS: WHERE_5</td> <td>AND b.SORLCUR_PRIORITY_NO =</td> </tr> <tr> <td>a.SORLCUR_PRIORITY_NO</td> <td></td> </tr> <tr> <td>CAMPUS: WHERE_6</td> <td>AND b.SORLCUR_LMOD_CODE = 'LEARNER')</td> </tr> </tbody> </table> <p>The SQL statement when concatenated by the Banner Bridge extract would be something like the following:</p> <pre> SELECT SORLCUR_CAMP_CODE FROM SORLCUR a WHERE SORLCUR_PIDM = 33333 AND ( a.SORLCUR_CACT_CODE = 'ACTIVE' AND a.SORLCUR_SEQNO = (SELECT MAX(b.SORLCUR_SEQNO) FROM SORLCUR b WHERE b.SORLCUR_PIDM = a.SORLCUR_PIDM AND b.SORLCUR_PRIORITY_NO = a.SORLCUR_PRIORITY_NO AND b.SORLCUR_LMOD_CODE = 'LEARNER') ) ORDER BY SORLCUR_CAMP_CODE </pre> <p>In the “CAMPUS:REPORT” line above the “STVCAMP” validation table is listed in the UCX Value so that the actual Campus Name will be returned rather than just the Campus Code. If just the Campus Code is desired, then replace “STVCAMP” with “NONE”.</p> <p>NOTE: One set of parenthesis is automatically put around the entire UCX-BAN080 WHERE clause as the PIDM will always be included first outside of the parenthesis displayed in this example. In this more complex WHERE clause an additional set of parenthesis is used for clarity.</p>	UCX Key	UCX Value	CAMPUS: COLUMN	SORLCUR_CAMP_CODE	CAMPUS: ORDERBY	SORLCUR_CAMP_CODE	CAMPUS: REPORT	STVCAMP	CAMPUS: TABLE	SORLCUR a	CAMPUS: WHERE_1	a.SORLCUR_CACT_CODE = 'ACTIVE'	CAMPUS: WHERE_2	AND a.SORLCUR_SEQNO =	CAMPUS: WHERE_3	(SELECT MAX(b.SORLCUR_SEQNO) FROM SORLCUR b	CAMPUS: WHERE_4	WHERE b.SORLCUR_PIDM = a.SORLCUR_PIDM	CAMPUS: WHERE_5	AND b.SORLCUR_PRIORITY_NO =	a.SORLCUR_PRIORITY_NO		CAMPUS: WHERE_6	AND b.SORLCUR_LMOD_CODE = 'LEARNER')
UCX Key	UCX Value																										
CAMPUS: COLUMN	SORLCUR_CAMP_CODE																										
CAMPUS: ORDERBY	SORLCUR_CAMP_CODE																										
CAMPUS: REPORT	STVCAMP																										
CAMPUS: TABLE	SORLCUR a																										
CAMPUS: WHERE_1	a.SORLCUR_CACT_CODE = 'ACTIVE'																										
CAMPUS: WHERE_2	AND a.SORLCUR_SEQNO =																										
CAMPUS: WHERE_3	(SELECT MAX(b.SORLCUR_SEQNO) FROM SORLCUR b																										
CAMPUS: WHERE_4	WHERE b.SORLCUR_PIDM = a.SORLCUR_PIDM																										
CAMPUS: WHERE_5	AND b.SORLCUR_PRIORITY_NO =																										
a.SORLCUR_PRIORITY_NO																											
CAMPUS: WHERE_6	AND b.SORLCUR_LMOD_CODE = 'LEARNER')																										
Revision	6	201	Revision code																								
Who	8	207	User who last updated this record.																								
TimeStamp	6	215	CHRONOS stamp of last update.																								

**REPORT: rad\_report\_dtl loaded instead of the rad\_custom\_dtl**

UCX-VALUE:	Len	Begins in Byte	Description																				
SQL Statement or a Description	200	1	<p>Text of the particular SQL clause or a description. For example, to illustrate the UCX-BAN080 entries required when the custom data needs to be loaded into the rad_report_dtl for use in the audit header note the “REPORT” keyword loaded below. The ucx_value contains the Banner STV validation table that is used to lookup the Code (STVASTD_CODE - Academic Standing retrieved from SHRTTRM) to get the Description (STVASTD_DESC – Description for the rad_report_value). If, however, the actual data from the specified column is desired instead of the Description then leave the UCX Value BLANK or load it with “NONE”:</p> <table border="0"> <tr> <td><b>UCX Key</b></td> <td><b>UCX Value</b></td> </tr> <tr> <td>ACADSTANDING: COLUMN</td> <td>SHRTTRM_ASTD_CODE_END_OF_TERM</td> </tr> <tr> <td>ACADSTANDING: ORDERBY</td> <td>SHRTTRM_ASTD_CODE_END_OF_TERM</td> </tr> <tr> <td><b>ACADSTANDING: REPORT</b></td> <td><b>STVASTD</b></td> </tr> <tr> <td>ACADSTANDING: TABLE</td> <td>SHRTTRM a</td> </tr> <tr> <td>ACADSTANDING: WHERE_1</td> <td>a .SHRTTRM_TERM_CODE =</td> </tr> <tr> <td>ACADSTANDING: WHERE_2</td> <td>( SELECT MAX(b .SHRTTRM_TERM_CODE)</td> </tr> <tr> <td>ACADSTANDING: WHERE_3</td> <td>FROM SHRTTRM b</td> </tr> <tr> <td>ACADSTANDING: WHERE_4</td> <td>WHERE b .SHRTTRM_PIDM =</td> </tr> <tr> <td>.SHRTTRM_PIDM)</td> <td></td> </tr> </table> <p>The Academic Standing code (e.g., ‘GS’ for Good Standing) returned by the sql statement created from the statements above will be translated by reading the STVASTD table using the STVASTD_CODE to SELECT the appropriate records and returning the Description in the STVASTD_DESC column. The STVASTD_DESC will be loaded into the rad_report_value while the keyword “ACADSTANDING” will be loaded into the rad_report_code on the rad_report_dtl. If instead “GS” is desired in the rad_report_value, leave the UCX Value BLANK or load it with “NONE” (remove the STVASTD reference).</p>	<b>UCX Key</b>	<b>UCX Value</b>	ACADSTANDING: COLUMN	SHRTTRM_ASTD_CODE_END_OF_TERM	ACADSTANDING: ORDERBY	SHRTTRM_ASTD_CODE_END_OF_TERM	<b>ACADSTANDING: REPORT</b>	<b>STVASTD</b>	ACADSTANDING: TABLE	SHRTTRM a	ACADSTANDING: WHERE_1	a .SHRTTRM_TERM_CODE =	ACADSTANDING: WHERE_2	( SELECT MAX(b .SHRTTRM_TERM_CODE)	ACADSTANDING: WHERE_3	FROM SHRTTRM b	ACADSTANDING: WHERE_4	WHERE b .SHRTTRM_PIDM =	.SHRTTRM_PIDM)	
<b>UCX Key</b>	<b>UCX Value</b>																						
ACADSTANDING: COLUMN	SHRTTRM_ASTD_CODE_END_OF_TERM																						
ACADSTANDING: ORDERBY	SHRTTRM_ASTD_CODE_END_OF_TERM																						
<b>ACADSTANDING: REPORT</b>	<b>STVASTD</b>																						
ACADSTANDING: TABLE	SHRTTRM a																						
ACADSTANDING: WHERE_1	a .SHRTTRM_TERM_CODE =																						
ACADSTANDING: WHERE_2	( SELECT MAX(b .SHRTTRM_TERM_CODE)																						
ACADSTANDING: WHERE_3	FROM SHRTTRM b																						
ACADSTANDING: WHERE_4	WHERE b .SHRTTRM_PIDM =																						
.SHRTTRM_PIDM)																							
Revision	6	201	Revision code																				
Who	8	207	User who last updated this record.																				
TimeStamp	6	215	CHRONOS stamp of last update.																				

**REPORT: rad\_aid\_dtl loaded instead of the rad\_custom\_dtl**

UCX-VALUE:	Len	Begins in Byte	Description														
SQL Statement or a Description	200	1	<p>Text of the particular SQL clause or a description. For example, the records below illustrate the UCX-BAN080 entries required when the custom data needs to be loaded into the rad_aid_dtl for use in Financial Aid audits. The “:AID” keyword is required after the keyword. The UCX_Value contains the special Scribe Block that is used in the Scribe rules to specify requirements that must be met for the specified Financial Aid data:</p> <table border="0"> <thead> <tr> <th>UCX Key</th> <th>UCX Value</th> </tr> </thead> <tbody> <tr> <td>AIDAWARD:AID</td> <td>AWARD</td> </tr> <tr> <td>AIDAWARD: COLUMN</td> <td>RPRAWRD_FUND_CODE</td> </tr> <tr> <td>AIDAWARD: ORDERBY</td> <td>RPRAWRD_FUND_CODE</td> </tr> <tr> <td>AIDAWARD: TABLE</td> <td>RPRAWRD</td> </tr> <tr> <td>AIDAWARD: WHERE_1</td> <td>RPRAWRD_AIDY_CODE = '0708'</td> </tr> <tr> <td>AIDAWARD: WHERE_2</td> <td>AND RPRAWRD_AWST_CODE = 'ACPT'</td> </tr> </tbody> </table> <p>In the example above, the special “:AID” is appended to the UCX-BAN080 keyword of “AIDAWARD” making the UCX Key of “AIDAWARD:AID” so that the banner extract knows to load the data into the rad_aid_dtl. Note that the prefix of AID in “AIDAWARD:AID” is NOT required – it is just included so all of the AID UCX-BAN080 records would appear together. The UCX Value contains the actual rad_aid_code (“AWARD” in the above example). The award records from the RPRAWRD table would be read for a specified student PIDM for the Aid Year of ‘0708’ (20072008) with an Award Status Code of ‘ACPT’ for “Accepted”. The RPRAWRD_FUND_CODE column will contain the actual “AWARD” codes like “PELL”, “SEOG”, etc. for the student and would be written to the rad_aid_dtl.</p>	UCX Key	UCX Value	AIDAWARD:AID	AWARD	AIDAWARD: COLUMN	RPRAWRD_FUND_CODE	AIDAWARD: ORDERBY	RPRAWRD_FUND_CODE	AIDAWARD: TABLE	RPRAWRD	AIDAWARD: WHERE_1	RPRAWRD_AIDY_CODE = '0708'	AIDAWARD: WHERE_2	AND RPRAWRD_AWST_CODE = 'ACPT'
UCX Key	UCX Value																
AIDAWARD:AID	AWARD																
AIDAWARD: COLUMN	RPRAWRD_FUND_CODE																
AIDAWARD: ORDERBY	RPRAWRD_FUND_CODE																
AIDAWARD: TABLE	RPRAWRD																
AIDAWARD: WHERE_1	RPRAWRD_AIDY_CODE = '0708'																
AIDAWARD: WHERE_2	AND RPRAWRD_AWST_CODE = 'ACPT'																
Revision	6	201	Revision code														
Who	8	207	User who last updated this record.														
TimeStamp	6	215	CHRONOS stamp of last update.														

# UCX-CFG020 DegreeWorks Configuration Settings

UCX-CFG020 contains parameters that control the operation of the DegreeWorks software. Once set, UCX-CFG020 should be changed only after consultation with SunGard Higher Education.

UCX-CFG020 takes the place of UCX-CFG020 for DegreeWorks configuration settings. The configuration settings in UCX-CFG020 are used by the entire institution. Personal configuration settings that affect the PC software are stored in the DAP.INI file.

Each record in UCX-CFG020 has its own format.

# UCX-CFG020BANNER

The “BANNER” record of UCX-CFG020 is only used by Banner clients. It contains several settings to tell DegreeWorks how to handle various issues regarding data bridged from the Banner student system.

UCX-KEY:	Len	Description
BANNER	6	BANNER
Reserved	24	Reserved for future use.

UCX-VALUE:	Len	Description
Banner Site	1	A Y/N flag. Set to “Y” if your site uses the Banner student software. This will allow the Banner database to be used for search and refresh purposes for DegreeWorks.
Email Code	4	The email code used to find the desired email address in the GOREMAL Banner table for the rad_primary_mst in DegreeWorks.
Email Override	1	A Y/N flag. If set to “Y” and the email code specified above is not found the “Active” email address will be loaded into the rad_primary_mst.
Repeat Skip A	1	A Y/N flag. Set to “Y” to skip the repeated classes in Banner with an “A” in the shrtckn_repeat_course_ind and NOT load them into the rad_class_dtl.
Repeat Policy A	1	If the Repeat Skip “A” flag above is set to “N”, then a valid Repeat Policy must be defined (valid values are 0-6 and B). Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values. Policy B is recommended – the Averaged classes will end up in the Insufficient section of the audit and they will affect the overall GPA but will not be counted in the overall credits towards degree.
Repeat Skip E	1	A Y/N flag. Set to “Y” to skip the repeated classes in Banner with an “E” in the shrtckn_repeat_course_ind and NOT load them into the rad_class_dtl.
Repeat Policy E	1	If the Repeat Skip “E” flag above is set to “N”, then a valid Repeat Policy must be defined (valid values are 0-6 and B). Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values. Policy B is recommended – the Excluded classes will end up in the Insufficient section of the audit but they will not affect the overall GPA or credits.
Repeat Policy I	1	A valid Repeat Policy(0-6 or B) must be defined for repeated classes that have an “I” in the shrtckn_repeat_course_ind. Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values. Policy B is recommended – the Included classes will apply to rules as normal classes affecting the GPA and total credits.
GPA Type	1	The desired SHRLGPA record to be used to retrieve GPA information for the rad_term_dtl: “I” = Institutional GPA (no transfer classes), “O” = Overall GPA (includes transfer classes).
Add UCX Entries Only	1	A Y/N flag used by the “banucx” load program, ban44.ec, to determine whether or not data should only be “Added” to the UCX and NOT “Deleted”. Set to “Y” to ONLY ADD records to the “UCX” table from Banner. Set to “N” if the existing table being processed should first be DELETED from the UCX and then loaded completely from the Banner database.
Use Term as Catalog Year	1	A Y/N flag. Set to “Y” if the Term Code is ALSO being used as the Catalog Year. If set to “N”, the STVTERM_ACYR_CODE will be used as the Catalog Year in DegreeWorks.
Search in Banner	1	A Y/N flag. Only set to “Y” if you store Banner student records in SORLCUR/SORLFOS and want to search Banner. Otherwise set to “N” to search only in the DegreeWorks database.
Advisor User Class	4	This default User Class is used by the “banstaff” advisor/staff load program, ban45.ec, when creating dap_user_mst records for Advisors. The standard values are: “ADV” which means advisors CAN make exceptions or “ADVX” which means advisors CANNOT make exceptions.
Staff User Class	4	This default User Class is used by the “banstaff” advisor/staff load program, ban45.ec, when creating dap_user_mst records for Staff members. The standard value is: “REG” which has the highest level of security available in DegreeWorks.
Non Course Score	1	C=the SHRNCRS_NCST_CODE is loaded into the rad_non_score column. I=the corresponding STVNCST satisfied Indicator (Y/N) is loaded into the rad_non_score column based on a lookup using the SHRNCRS_NCST_CODE
Default Current Grade	4	Used when encountering current classes with BLANK grades on Banner. BAN40 will load this Default Grade (for example: NA, NR or whatever is entered here) into

UCX-VALUE:	Len	Description
		the rim_final_grade on the rad_class_dtl if the Banner SFRSTCR_GRDE_CODE is BLANK.
Transfer Repeat Skip A	1	A Y/N flag. Set to "Y" to skip the repeated transfer classes in Banner with an "A" in the shrtrce_repeat_course and NOT load them into the rad_transfer_dtl.
Transfer Repeat Policy A	1	If the Repeat Skip "A" flag above is set to "N", then a valid Repeat Policy may be defined (valid values are 0-6 and B) or be left BLANK. Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values Policy B is recommended – the Averaged classes will end up in the Insufficient section of the audit and they will affect the overall GPA but will not be counted in the overall credits towards degree.
Transfer Repeat Skip E	1	A Y/N flag. Set to "Y" to skip the repeated transfer classes in Banner with an "E" in the shrtrce_repeat_course and NOT load them into the rad_transfer_dtl.
Transfer Repeat Policy E	1	If the Repeat Skip "E" flag above is set to "N", then a valid Repeat Policy may be defined (valid values are 0-6 and B) or be left BLANK. Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values. Policy B is recommended – the Excluded classes will end up in the Insufficient section of the audit but they will not affect the overall GPA or credits.
Transfer Repeat Policy I	1	A valid Repeat Policy(0-6 or B) may be defined for repeated transfer classes that have an "I" in the shrtrce_repeat_course or be left BLANK. Refer to the UCX-AUD047 Repeat Policy documentation included later in this document for a definition of these values. Policy B is recommended – the Included classes will apply to rules as normal classes affecting the GPA and total credits.
Advisor Method	1	This flag controls how advisors are retrieved from the SGRADVR table: "A" then the four Advisor Code arrays below will be searched for up to 3 SGRADVR_ADVR_CODES for each rad_advr#. If a match is found the associated SPRIDEN_ID for the SGRADVR advisor will be loaded into the appropriate rad_advr# field on the rad_degree_dtl. "C" then the advisors will be retrieved by matching the SGRADVR_ADVR_CODE to one or both of the following Advisor Major and Advisor Minor "ADVR_CODES" up to a total of 3 additional advisors. The record with the SGRADVR_PRIM_IND = 'Y' will always be loaded into Advisor Major #1 if more than one Major Advisor is found. "S" then the first four SGRADVR records for a given student for the maximum effective term will be read. Up to 3 more SGRADVR Advisor ID codes will be loaded into the rad_advr2/rad_advr4 fields on the rad_degree_dtl. The record with the SGRADVR_PRIM_IND = 'Y' will always be loaded into rad_advr1.
Advisor Major	4	If the Advisor Retrieval flag is set to 'C' above then the SGRADVR table will be searched for values matching this Advisor Major . If any are found they will be loaded into Advisors 2-4 if a matching Major code is found on the student's record. If more than 3 additional Advisors are found the remaining advisors will be skipped and not bridged to DegreeWorks.
Advisor Minor	4	If the Advisor Retrieval flag is set to 'C' above then the SGRADVR table will be searched for values matching this Advisor Minor . If any are found they will be loaded into Advisors 2-4 if a matching Minor code is found on the student's record. If more than 3 additional Advisors are found the remaining advisors will be skipped and not bridged to DegreeWorks.
Load Extra Advisors	1	If the Advisor Retrieval flag is set to 'C' above the following check will be made: if additional Major/Minor advisors are found but the student does not have matching Major/Minor data and these extra advisors are desired then set this flag to 'Y'. For example, if a student has 'MATH' in rad_mjmn1 and 'PHYS' in rad_mjmn2, but has 4 SGRADVR Advisor records (one has 'MAJR' in the SGRADVR_ADVR_CODE which matches the Advisor Major above and one has 'MINR' which matches the Advisor Minor above). The advisor codes will be loaded into rad_advr1 (the SGRADVR_ADVR_CODE for the major advisor matches what is in the Advisor Major code above) and rad_advr2 (the SGRADVR_ADVR_CODE for the minor advisor matches what is in the Advisor Minor code above). If, this student has 4 advisors in SGRADVR that means 2 are left over. If these additional 2 Advisors (rad_advr3 and rad_advr4) are desired then this flag should be set to 'Y'. If only advisors matching the student's data (advr1 for the Major and advr2 for Minor), then this flag should be set to 'N' so only 2 advisors are loaded into RAD..

UCX-VALUE:	Len	Description
Cross List in SCREQIV	1	A Y/N flag. Set to "Y" if cross listed courses are to be filtered out by the ban43 equivalency load program. This means dap_eqv_crs_mst records will NOT be created for cross listed courses. If cross listed courses are not stored in the SCREQIV table at your site then set this flag to "N".
Repeatable Option	1	<p>This option flag contains several values to assist in the appropriate handling of <i>repeatable</i> courses that can be taken several times for credit (e.g., Music Lessons, PE activity classes, etc.). It is important for DegreeWorks to be able to differentiate these <i>repeatable</i> classes from classes that have been <i>repeated for a better grade</i>.</p> <p>There are currently seven different Repeat Policies that may be used to control the handling of classes <i>repeated for a better grade</i> in DegreeWorks (e.g., "1" = Keep most recent repeat, "2" = Keep class with highest grade, etc.). These Repeat Policies are defined in the UCX-AUD047 section. Each SHRTCKN_REPEAT_COURSE_IND ("A"-Averaged, "E"-Excluded and "I"-Included) must have one of these seven Repeat Policies loaded into the following fields defined above in this UCX-CFG020BANNER record: Repeat Policy A, Repeat Policy E and Repeat Policy I. The Banner Extract uses these values to load the appropriate UCX-CFG020BANNER Repeat Policy into the rad_repeat_plcy on the rad_class_dtl.</p> <p>In addition, Banner has several rules used to control the registration of <i>repeatable</i> classes outlined in Chapter 12 of the Banner Registration documentation. Since both <i>repeatable</i> classes and classes that may be <i>repeated for a better grade</i> may have an "I" value in the SHRTCKN_REPEAT_IND, these registration rules are being used in the Banner Extract to correctly identify these different types of classes when extracted into DegreeWorks so that rad_class_dtls are created correctly and subsequent degree audits are generated correctly.</p> <p>These rules are explained in more detail at the end of the DGW Technical Guide Banner Data Mapping for BIF documentation. There are 5 different "options" to assist DegreeWorks in extracting the "I" (Included) class records appropriately based on values found in the Banner SCBCRSE record associated with each SHRTCKN class. Valid values:</p> <p>N – DO NOT check the SCBCRSE_REPEAT_LIMIT or SCBCRSE_MAX_RPT_UNITS  L – Check the SCBCRSE_REPEAT_LIMIT Only (<b>Default if Repeatable Option BLANK</b>)  U – Check the SCBCRSE_MAX_RPT_UNITS Only  B – Check Both the SCBCRSE_REPEAT_LIMIT and SCBCRSE_MAX_RPT_UNITS  I – Include the class credits in the SCBCRSE_REPEAT_LIMIT and SCBCRSE_MAX_RPT_UNITS before checking for repeatable classes using the SCBCRSE_CREDIT_HR_LOW</p>
Current Course	1	<p>A flag used to indicate how the Banner Equivalency extract (ban43) determines if an OLD SCREQIV Course Key (Subject + Course Number) looked up on the SCBCRSE table with the maximum (MAX) Effective Term is included in the 'Current Course Catalog'. This knowledge is required so that the 'circular' or 'reversal' entries contained in the Banner SCREQIV table (required for Banner registration purposes) can be filtered out and NOT extracted into DegreeWorks. The valid values are:</p> <p>"A" – Look up the SCBCRSE_CSTA_CODE for the OLD Course Key on the STVCSTA table. If the STVCSTA_ACTIVE_IND = "A", the course is considered "Current" and if the OLD Course Key is NOT REUSED (found on BAN070) then the course will be considered a <i>circular</i> or <i>reversal</i> course and will NOT be extracted into DegreeWorks.</p> <p>"C"- The SCBCRSE_CSTA_CODE itself is checked. If it is equal to a "C" then the course is considered "Current" and if the OLD Course Key is NOT REUSED (found on BAN070) then the course will be considered a <i>circular</i> or <i>reversal</i> course and will NOT be extracted into DegreeWorks. The associated STVCSTA_ACTIVE_IND for the "C" STVCSTA_CODE can still be set to "A" for Banner purposes. This setting allows DegreeWorks to identify 'Current' Courses in Banner (as opposed to just looking at the 'Active' Indicator) as courses appear to be 'Active' in Banner when then are really not part</p>



UCX-VALUE:	Len	Description
		of the 'Current Course Catalog' which is what DegreeWorks really needs to know.  "K" – The SCBCRKY record is looked up for the OLD course. If the SCBCRKY_TERM_CODE_END is equal to '999999' the course is still Current/Active.
Follow Gradable Indicator	1	A Y/N flag. If set to "Y" and the SSBSECT_GRADABLE_IND = "N" for a current SFRSTCR class, then the class will be skipped and NOT extracted into DegreeWorks by the Banner student extract.
Advisor #1 Codes	12	If the Advisor Method above is set to "A" this array of 3 4-byte Advisor Codes (SGRADVR_ADVR_CODE) will be searched. If a match is found the associated Advisor SPRIDEN_ID code will be loaded into rad_advr1 on the rad_degree_dtl by the Banner student extract (ban40). The SGRADVR table is read for each student to search for a match on SGRADVR_ADVR_CODE. The first SGRADVR_ADVR_CODE that matches one of the 3 SGRADVR_ADVR_CODES in this array will be loaded into rad_advr1. If NO matches are found, the rad_advr1 field on the rad_degree_dtl will be left blank. If multiple rad_degree_dtls exist for the student the same 4 advisor IDs will be loaded for each record.
Advisor #2 Codes	12	If the Advisor Method above is set to "A" this array of 3 4-byte Advisor Codes (SGRADVR_ADVR_CODE) will be searched. If a match is found the associated Advisor SPRIDEN_ID code will be loaded into rad_advr2 on the rad_degree_dtl by the Banner student extract (ban40). The SGRADVR table is read for each student to search for a match on SGRADVR_ADVR_CODE. The first SGRADVR_ADVR_CODE that matches one of the 3 SGRADVR_ADVR_CODES in this array will be loaded into rad_advr2. If NO matches are found, the rad_advr2 field on the rad_degree_dtl will be left blank. If multiple rad_degree_dtls exist for the student the same 4 advisor IDs will be loaded for each record.
Advisor #3 Codes	12	If the Advisor Method above is set to "A" this array of 3 4-byte Advisor Codes (SGRADVR_ADVR_CODE) will be searched. If a match is found the associated Advisor SPRIDEN_ID code will be loaded into rad_advr3 on the rad_degree_dtl by the Banner student extract (ban40). The SGRADVR table is read for each student to search for a match on SGRADVR_ADVR_CODE. The first SGRADVR_ADVR_CODE that matches one of the 3 SGRADVR_ADVR_CODES in this array will be loaded into rad_advr3. If NO matches are found, the rad_advr3 field on the rad_degree_dtl will be left blank. If multiple rad_degree_dtls exist for the student the same 4 advisor IDs will be loaded for each record.
Advisor #4 Codes	12	If the Advisor Method above is set to "A" this array of 3 4-byte Advisor Codes (SGRADVR_ADVR_CODE) will be searched. If a match is found the associated Advisor SPRIDEN_ID code will be loaded into rad_advr4 on the rad_degree_dtl by the Banner student extract (ban40). The SGRADVR table is read for each student to search for a match on SGRADVR_ADVR_CODE. The first SGRADVR_ADVR_CODE that matches one of the 3 SGRADVR_ADVR_CODES in this array will be loaded into rad_advr4. If NO matches are found, the rad_advr4 field on the rad_degree_dtl will be left blank. If multiple rad_degree_dtls exist for the student the same 4 advisor IDs will be loaded for each record.
Check Dual Degree	1	A Y/N flag. If set to 'Y' then a Dual Degree will be checked for on the SGBSTDN record. If "non-blank" values are found in the SGBSTDN_LEVL_CODE_DUAL, SGBSTDN_DEGC_CODE_DUAL and SGBSTN_MAJR_CODE_DUAL fields then the Dual Degree will be processed along with the other degree information found in either the SORLCUR/SORLFOS records (used if they exist) or the SGBSTDN record (if no SORLCUR/SORLFOS records exist for a given student). If the Dual Degree LEVL/DEGC codes are unique then a separate rad_degree_dtl will be built. Otherwise the "Dual Degree" data will be skipped and NOT written to DegreeWorks.
Always Process SHRATTC	1	A Y/N flag. Historic class attributes are stored in two tables: SHRATTR and SHRATTC. This flag controls whether attributes from SHRATTC are extracted by ban40 if attributes from both tables exist. SHRATTR class attributes are processed first. If any SHRATTR attributes are found for a given class they are written to the rad_attr_dtl. Then this "Always Process SHRATTC" flag is checked: Set to 'N' if the SHRATTC attributes are to be skipped for a given class if attributes from SHRATTR already exist for that class. This is the default value if this flag is left BLANK. Set to 'Y' if the SHRATTC class attributes should always be processed and



UCX-VALUE:	Len	Description
		written to the rad_attr_dtl if found for a given class, even if SHRATTR attributes exist for that class. In this case class attributes from both the SHRATTR/SHRATTC Banner tables would be written to the rad_attr_dtl.
GPA Report	1	A Y/N flag. . Set to "Y" if the records in the SHRLGPA GPA/HOURS_EARNED are to be formatted and written to the rad_report_dtl by the Banner Bridge extract for each student. The rad_report_codes used are: "GPAxx" where "xx" is loaded based on the SHRLGPA_GPA_TYPE_IND; I= "IN" for Institutional GPA, O="OV" for Overall GPA and T="TR" for Transfer GPA. For hours/credits earned the rad_report_codes used are: "GPACREDITSxx" where the "xx" is loaded the same as the GPA values. Valid rad_report_codes: GPAIN, GPAOV, GPATR, GPACREDITSIN, GPACREDITSOV and GPACREDITSTR. These GPA/Credits values may then be displayed on the audit headers using these keywords.
Reserved 1	2	Reserved for future use.
Reserved 2	69	Reserved for future use.
Status	1	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision Code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

## UCX-CFG020BLOCKPRI

The GETBLOCKS subroutine (DAP17) uses this record to control the priority of the blocks used in the audit. The blocks are placed on the audit tree in this order. The order of the blocks is important to the Auditor when building the audit tree and applying courses that fit in more than one block.

UCX-KEY:	Len	Description
"BLOCKPRI"	8	"BLOCKPRI"
School	12	School code if UCX-CFG020 DAP14-BLOCKPRI-SCHOOL = "Y" (UCX-STU350).
College	6	College code if UCX-CFG020 DAP14-BLOCKPRI-COLLEGE = "Y" (UCX-STU560).
Reserved	4	Reserved for future use.

UCX-VALUE:	Len	Description
ID Priority	2	Priority of the ID requirements block if a block of type ID is part of the audit. Default = "01". Valid values are "01" - "10". Each number can be used only once in this record.
Degree Priority	2	Priority of the DEGREE requirements block if a block of type DEGREE is part of the audit. Default = "02". Valid values are "01" - "10". Each number can be used only once in this record.
Major Priority	2	Priority of the MAJOR requirements block if a block of type MAJOR is part of the audit. Default = "03". Valid values are "01" - "10". Each number can be used only once in this record.
Conc Priority	2	Priority of the CONC requirements block if a block of type CONC is part of the audit. Default = "04". Valid values are "01" - "10". Each number can be used only once in this record.
Minor Priority	2	Priority of the MINOR requirements block if a block of type MINOR is part of the audit. Default = "05". Valid values are "01" - "10". Each number can be used only once in this record.
Spec Priority	2	Priority of the SPEC requirements block if a block of type SPEC is part of the audit. Default = "06". Valid values are "01" - "10". Each number can be used only once in this record.
Libl Priority	2	Priority of the LIBL requirements block if a block of type LIBL is part of the audit. Default = "07". Valid values are "01" - "10". Each number can be used only once in this record.
College Priority	2	Priority of the COLLEGE requirements block if a block of type COLLEGE is part of the audit. Default = "08". Valid values are "01" - "10". Each number can be used only once in this record.
School Priority	2	Priority of the SCHOOL requirements block if a block of type SCHOOL is part of the audit. Default = "09". Valid values are "01" - "10". Each number can be used only once in this record.
Program Priority	2	Priority of the PROGRAM requirements block if a block of type PROGRAM is part of the audit. Default = "10". Valid values are "01" - "10". Each number can be used only once in this record.
Reserved	30	Reserved for future use.
Starting Block Type	12	Default = "DEGREE". Valid values are: "DEGREE", "ID", "MAJOR", "MINOR", "CONC", "SPEC", "LIBL", "COLLEGE", "SCHOOL", "PROGRAM", "OTHER"
Starting Block Value	12	Default = spaces. Must be filled in if START-BLOCK is "OTHER".
One Per Tag	1	Y/N flag. For each blocktype/value on a block, should a student be audited against all blocks that match OR only the most specific? Y = Use only one requirement block per primary Database tag, the BEST match. N = Use all matching requirement blocks per primary Database tag. e.g. WEB28. This field is used by the Output Engine.
Other Tag	1	Y/N flag. For each "OTHER" blocktype/value on a block, should a student be audited against all "OTHER" blocks that match OR only the most specific? Y = Use only one requirement block per primary "OTHER" Database tag, the BEST match. N = Use all matching requirement blocks per primary "OTHER" Database tag. e.g. WEB28. This field is used by the Output Engine.
Reserved 1	24	Reserved for future use.
Reserved 2	69	Reserved for Future use.

UCX-VALUE:	Len	Description
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

The configuration settings in this record can vary by school and/or college. For this reason, school and college are optionally part of the BLOCKPRI key. The DAPAUDITSTU subroutine uses the student's school code as part of the key if the UCX-CFG020 DAP14-BLOCKPRI-SCHOOL flag is "Y". It uses the student's college code (rad\_mjmn1\_clg) as part of the key if the UCX-CFG020 DAP14-BLOCKPRI-COLLEGE flag is "Y". If both flags are "Y" then both school and college are part of the key. If the key constructed on these flags does not exist in UCX-CFG020 then the "BLOCKPRI" record is used as the default. Always create a record with just "BLOCKPRI" as the default. There is no need to create any other "BLOCKPRI" records if the priority of the blocks does not need to vary by school or college.

The first block is the one designated in UCX-CFG020 as the "starting" block. The remaining blocks are sorted by BLOCKTYPE using the UCX-CFG020 priority rank as the sort order. The priority rank assigned to each of the ten blocktypes in UCX-CFG020 must be a unique number from one to ten; no duplicates are allowed. Blocks of type OTHER are placed at the end of the audit tree unless the OTHER block is the starting block.

The starting blocktype and value fields tell the GETBLOCKS subroutine which block should be used as the starting (initial) block. This is usually the degree block but could be a university requirements block that is universal to all degrees. The starting block must exist for the audit to proceed. The default starting blocktype is "DEGREE" with value = " ". The starting value could contain a wildcard, e.g. starting blocktype = "OTHER" and starting value = "UR@".

The starting blocktype and value tell the Auditor which block should be used as the initial block. This is usually the degree block but could be a university requirements block that is universal to all degrees. The starting block must exist for the audit to proceed. The starting block should contain the CREDITS block qualifier for the total credits in the degree and the MINGPA block qualifier for the minimum cumulative GPA. If the starting block does not have these qualifiers then the Auditor will look at the next block (in priority order) for these block qualifiers.

ONE-PER-TAG example for Anthropology Student with CatYr 9596:

Two blocks have been defined in Scribe for DEGREE=BA with the following Database tags:

```

BLOCK #1: Blocktype      DEGREE
          Value          BA
          Start Catalog Year 20022003
          Stop Catalog Year 99999999

BLOCK #2: Blocktype      DEGREE
          Value          BA
          Start Catalog Year 20022003
          Stop Catalog Year 99999999
          Major          ANTH

```

If ONE-PER-TAG is Y, then the student is audited with BLOCK #2. If ONE-PER-TAG is N, then the student is audited with BOTH blocks.

Also, if COLLEGE=SC block exists and COLLEGE=AL block exists, then keep the COLLEGE block only for the first college.

# UCX-CFG020<sub>DAP13</sub>

The "DAP13" record of UCX-CFG020 controls the operation of the Parser Engine. The GETREQ, SAVEREQ, and SAVEADVICE subroutines also use the Upshift-Flag setting.

UCX-KEY:	Len	Description
"DAP13"	5	"DAP13"
Reserved	25	Reserved for future use.

UCX-VALUE:	Len	Description
Maximum Discipline Length	2	Should always be 12. Maximum length of a discipline code.
Maximum Parser Errors	3	Maximum number of Parser errors allowed. Any value from 000 through 999, the default is 025. The Parser uses this value to short-circuit the parsing process after the maximum number of errors has been found.
Validate Courses	1	Y/N. Y = validate course in student system. Y = validate course in the rad_course_mst. All courses that do not include wildcards or course number ranges must be valid in the student system. Courses must be set up in the student system prior to entering DegreeWorks requirements. The default is "Y". N = do not validate courses in the rad_course_mst from the student system. DegreeWorks requirements can be entered before courses are loaded from the student system.
Maximum GPA/Grade	6	Maximum numeric grade or GPA that the student system will assign or calculate. It is in the form 999v999, with the decimal point implied by the "v". The default is 004000 (equivalent to 004.000) but any value from 000000 through 999999 is valid. The Parser validates the values associated with MINGPA and MINGRADE against this maximum.
Upshift Codes	1	Y/N. Y = Upshift codes prior to validation or search. Set this flag to Y if all codes are upper-case for Degree, School, Major, Minor, Concentration, Liberal Learning, Specialization, Program, Discipline, and Transfer. N = do not upshift codes. Default = "Y".
Show Errors	1	Controls the reporting of Parser errors. A = Parser reports all errors for a token. F = Parser reports only the first error for a token.
Require Labels	1	Y/N. Y=require labels on all rules. N=labels are optional.
Maximum Course Number Length	2	Should always be 12. Length of course number in the course-key.
Validate Disciplines	1	Y/n. Y = validate discipline in UCX-STU352. Default=Y
Allow Duplicate Labels	1	Y/N. Y=Duplicate labels cause problems with exceptions; N is recommended.
Wildcard Character Match	1	0=Wildcard matches 0 or more characters, 1=Wildcard matches 1 or more characters, etc.
Process Cross-Listings	1	Y=Process cross listed courses from UCX-CFG073 and alter Scribed rules
Process Equivalences	1	Y=Process equivalence courses from dap_eqv_crs_mst (UCX-STU070) and alter Scribed rules.
Reserved 1	78	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020<sub>DAP14</sub>

The "DAP14" record of UCX-CFG020 controls certain aspects of the Auditor Engine. This record is also used by many DegreeWorks subroutines.

UCX-KEY:	Len	Description
"DAP14"	5	"DAP14"
Reserved	25	Reserved for future use.

UCX-VALUE:	Len	Description
Passfail Satisfies Mingrade	1	Y/N. Default = N. Y = Courses with Passfail can satisfy a requirement that has a MINGRADE qualifier. N = Passfail course cannot be applied to a requirement that has a MINGRADE qualifier.
Passfail Satisfies Mingpa	1	Y/N. Default = N. Y = Courses with Passfail can satisfy a requirement that has a MINGPA qualifier. N = Passfail course cannot be applied to a requirement that has a MINGPA qualifier.
Transfer Satisfies Mingrade	1	Y/N. Default = N. Y = Transfer course with a blank grade can apply to a requirement that has a MINGRADE qualifier. N = Transfer course with a blank grade cannot apply to a requirement that has a MINGRADE qualifier.
Transfer Satisfies Mingpa	1	Y/N. Default = N. Y = Transfer course with a blank grade can apply to a requirement that has a MINGPA qualifier. N = Transfer course with a blank grade cannot apply to a requirement that has a MINGPA qualifier.
Audit History Count	2	Audit history depth. The maximum number of audits to keep per student per School/Degree combination. "99" = keep all audits. 2 digit number "01" - "99". Default = "99". When set to "03", for example, 3 degree audits and 3 financial aid audits will be kept. This setting is used for both types of audits but the counts are kept track of separately.
Over-the-limit Counts	1	Y/N. Default = N. Y = Courses in the Over-the-Limit section of the audit count in overall GPA and total credits toward the degree. N = Courses in the Over-the-Limit section of the audit do not count toward the degree. They print on the audit output but are otherwise unused.
Insufficient Major GPA	1	Y/N. Default = N. Y = Courses in the Insufficient section of the audit count in the major GPA. N = Courses in the Insufficient section of the audit do not count toward the major GPA.
Transfers count in GPA	1	Y/N. Default = N. Y = Transfer courses count in block GPA and overall GPA. N = Transfer courses do not count in GPA calculation.
Apply Incomplete	1	Y/N. Default = N. Y = Courses with grade of incomplete are applied by the Auditor to requirements blocks. N = Courses with grade of incomplete are not applied by the Auditor to requirements blocks but are put into the insufficient section of the audit.
Apply In-progress	1	Y/N. Default = Y. Y = Courses that are in-progress are applied by the Auditor to requirements blocks. N = Courses that are in-progress are not applied by the Auditor to requirements blocks but they are put into the in-progress section of the audit tree.
Filter Classes By School	1	Y/N. Default = N. Y = Filter classes based on the school on the rad_degree_dtl record.
Average Credits	7	Average number of credits per class, approximately. A number with three significant digits, a decimal, and 3 digits after the decimal, e.g. "004.000". The Auditor uses this number when calculating the percent complete for each rule that is not yet complete. Default = "003.000".
BLOCKPRI School	1	Y/N. Default = N. Y = UCX-CFG020 key for BLOCKPRI includes school, i.e. BLOCKPRI configurations vary by school. N = BLOCKPRI does not vary by school.
BLOCKPRI College	1	Y/N. Default = N. Y = UCX-CFG020 key for BLOCKPRI includes college, i.e. BLOCKPRI configurations vary by college. N = BLOCKPRI does not vary by college.
TIEBREAK School	1	Y/N. Default = N. Y = UCX-CFG020 key for TIEBREAK includes school, i.e. TIEBREAK configurations vary by school. N = TIEBREAK does not vary by school.
TIEBREAK College	1	Y/N. Default = N. Y = UCX-CFG020 key for TIEBREAK includes college, i.e. TIEBREAK configurations vary by college. N = TIEBREAK does not vary by college.
Course Equivalence	1	Obsolete

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Description</b>
Check Tiebreak First	1	Y/N. Default = N. Y = For starting block qualifiers, the Auditor will evaluate the TIEBREAK configurations from UCX-CFG020 TIEBREAK before checking the number of fits for each course. N = For starting block qualifiers, the Auditor will evaluate the number of fits for each course before checking the UCX-CFG020 TIEBREAK config.
GPA Round	1	Y/N. Default = Y. Y or Blank = Round GPA (2.1495 --> 2.150). N = Truncate GPA (2.1495 --> 2.149). DAP15 (Extract Engine) uses this flag. DAP14 does NOT use this flag.
Range In-progress	1	Y/N. Default = Y. Y or Blank = Remove in-progress classes from course rules expressed as ranges of classes and or credits, so the rule can be 100% complete. N = Keep in-progress classes on course rules expressed as ranges, even though the rule will be 98% complete.
NOCOUNT to Over-the-limit	1	Y/N. Default = N. Y = Place any classes applied to NOCOUNT requirements in the over-the-limit section.
Range Advice	1	Y/N. Default = N. Y = Show advice on range rules if block qualifiers have not been satisfied.
Type of data in Mjmn 1	1	Type of data stored in mjmn1. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Clg11	1	Type of data stored in mjmn1_clg. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc1-1	1	Type of data stored in mjmn1_conc1. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 2-1	1	Type of data stored in mjmn1_conc2. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 3-1	1	Type of data stored in mjmn1_conc3. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Spl 1	1	Type of data stored in mjmn1_spl. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Lbln 1	1	Type of data stored in mjmn1_lbln. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Mjmn 2	1	Type of data stored in mjmn2. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Clg 2	1	Type of data stored in mjmn2_clg. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 2-1	1	Type of data stored in mjmn2_conc1. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 2-2	1	Type of data stored in mjmn2_conc2. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 2-3	1	Type of data stored in mjmn2_conc3. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Spl 2	1	Type of data stored in mjmn2_spl. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Lbln 2	1	Type of data stored in mjmn2_lbln. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Mjmn 3	1	Type of data stored in mjmn3. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Clg 3	1	Type of data stored in mjmn3_clg. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 3-1	1	Type of data stored in mjmn3_conc1. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 3-2	1	Type of data stored in mjmn3_conc2. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 3-3	1	Type of data stored in mjmn3_conc3. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Spl 3	1	Type of data stored in mjmn3_spl. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.



UCX-VALUE:	Len	Description
Type of data in Lbln 3	1	Type of data stored in mjmn3_lbln. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Mjmn 4	1	Type of data stored in mjmn4. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Clg 4	1	Type of data stored in mjmn4_clg. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 4-1	1	Type of data stored in mjmn4_conc1. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 4-2	1	Type of data stored in mjmn4_conc2. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Conc 4-3	1	Type of data stored in mjmn4_conc3. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Spl 4	1	Type of data stored in mjmn4_spl. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Type of data in Lbln 4	1	Type of data stored in mjmn4_lbln. C=Conc, D=Degree, G=College, J=Major, L=Libl, N=Minor, S=Spec.
Cache Blocks	1	Not yet implemented.
MAX Qualifier Advice	1	Y: If MaxCredits or MaxClasses qualifier is at its max change the rule advice within this scope to not include any classes listed under this qualifier. N: do not alter any rule advice.
Degree Drives Remedial Mode	1	Y: If UCX-STU307 DgwRemedialMode is set to "B", all remedial classes will be forced into over-the-limit. If UCX-STU307 DgwRemedialMode is set to "A" (or blank), remedial classes will be handled like normal classes. N: Special Remedial mode not enabled.
Perform Extra Audit Loop	1	Y/N. Y=Perform main audit logic again to maybe get better results. This will make the audit slower.
Insufficient Minor GPA	1	Y/N. Y=Insufficient minor courses count in minor GPA.
GPA Length	1	1,2, or 3. When displaying GPA, use 1, 2, or 3 decimal places. This works in combination with the GPA Round Flag. This is primarily for the GPA values displayed in PROXY-ADVICE and DISPLAY statements. Other GPAs in the audit can be localized using XSL.
Check Old Course name	1	Y=when an equivalence is in place and the requirement contains a wildcard or range we should check the old course name in addition to new course name to see if a class meets a requirement.
Reserved 1	36	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

For example, the starting block includes the following qualifier: MAXCLASS 1 IN PHYS @. The student took PHYS 115 in Fall 1995 and PHYS 221 in Fall 1996. To satisfy the MAXCLASS qualifier, the Auditor must remove one of these two classes to Over-The-Limit. PHYS 115 was applied to rule: 1 CLASS IN PHYS @;. PHYS 221 was applied to rule: 1 CLASS IN PHYS 200, 221;. The UCX-CFG020 TIEBREAK is set to keep the course with the highest term (most recent course). PHYS 221 fits in two places (it fits both rules) but PHYS 115 fits in only one place. If the DAP14 Tiebreak-First Flag is "N" then PHYS 221 is removed and PHYS 115 is kept because the number of fits for PHYS 221 is higher than the number of fits for PHYS 115. If the Tiebreak-First Flag is "Y" then PHYS 115 is removed and PHYS 221 is kept because PHYS 221 has term Fall 1996, which is more recent than Fall 1995 for PHYS 115.

The Tiebreak-First parameter is used only in evaluation of the starting block qualifiers. For the rest of the audit, the match level (exact match vs. range or wildcard) and the number of fits are evaluated before the

TIEBREAK config in order to get the best spread of classes across the rules, avoiding Fallthrough whenever possible.

The Range In-Progress Flag controls how the Auditor Engine handles in-progress courses applied to a rule with ranges of classes and/or credits. For example, MATH100 is complete and MATH 200 is in-progress. Both courses apply to the rule 3:6 CREDITS IN MATH @. If Range In-Progress is set to "Y" then the rule is 98% complete even though 6 credits applied because one of the courses is still in-progress. If Range In-Progress is set to "N" then the Auditor will remove MATH200, satisfying the rule with only the completed course, thereby making the rule 100% complete.

The Range Advice flag controls whether advice should be given on course rules with ranges when block header qualifiers have not been satisfied. There may be course rules that say "2:6 CLASSES IN ENGL 2@" and "1:4 CLASSES IN LIT 2@" and a block qualifier may exist that says "MINCLASSES 3 IN ENGL 2@, LIT 2@". By setting the Range Advice flag to "Y" the auditor creates advice for the rules as long as their maximums have not been reached and as long as the header qualifiers are still unsatisfied.

The Remedial Mode controls whether classes for certain degrees should be forced into over-the-limit. Remedial classes are defined as: any classes with a level under 100. Any classes that have letters in the level are not considered remedial. Examples of Remedial: 099, 95, 009, 45, 5. Examples of Not Remedial: 123, A99, 99A, 5AB, 300. This flag works in conjunction with the UCX-STU307 DgwRemedialMode setting for each degree. If that flag is set to "B," then remedial classes for that degree are forced into over-the-limit. If the flag is set to "A," then remedial classes for that degree are treated as normal classes.



# UCX-CFG020<sub>DAP15ADVICE</sub>

The "DAP15ADVICE" record of UCX-CFG020 supplies the text the Output Engine prints when rule advice has limitations involving MINPERDISC, MINSREAD, or SAMEDISC.

UCX-KEY:	Len	Description
"DAP15ADVICE"	11	"DAP15ADVICE"
Reserved	19	Reserved for future use.

UCX-VALUE:	Len	Description
Advice Text	70	Free-text string that prints on audit output when rule advice has limitations by discipline.
Group Advice	1	Obsolete - change stylesheets as needed now (Keep advice together or Show advice with corresponding labels.)
Wildcard character	1	Obsolete - change stylesheets as needed now (Character to use instead of default at-sign, 10 Credits in HIST 2@).
Range character	1	Obsolete - change stylesheets as needed now (Character to use instead of default colon, 10 Credits in HIST 100:199).
Reserved 1	27	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

## UCX-CFG020<sub>DAP15LABEL</sub>

The "DAP15LABEL" record of UCX-CFG020 supplies the text the Output Engine prints when a requirement label is missing.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
"DAP15LABEL"	10	"DAP15LABEL"
Reserved	20	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Description</b>
Default Label	50	Free-text string that prints on audit output if requirement label is missing.
Reserved 1	50	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020DAP15LIST

The "DAP15LIST" record of UCX-CFG020 supplies the text the Output Engine prints when a course list is not qualified with a number of classes or credits.

UCX-KEY:	Len	Description
"DAP15LIST"	9	"DAP15LIST"
Reserved	21	Reserved for future use.

UCX-VALUE:	Len	Description
Course rule text	50	Free-text string that prints on audit output if a course list is not qualified by classes or credits.
Reserved 1	50	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020DAP21

The "DAP21" record is used by the DAP21, Extract Articulated Transfers program. It stores the configuration settings used by DAP21.

UCX-KEY:	Len	Description
"DAP21"	5	"DAP21"
Reserved	25	Reserved for future use.

UCX-VALUE:	Len	Description
Roll Applicant record	1	Y/N. Y = dap_applicant_mst will be extracted to DAP21 output file.
Roll College records	1	Y/N. Y = dap_college_dtl will be extracted to DAP21 output file.
Roll Test record	1	Y/N. Y = dap_transfer_dtl with School-ID="TESTS" will be extracted to DAP21 output file. N = Tests will be skipped but transfer courses will be included.
Roll Zero Credit classes	1	Y/N. Y = dap_transfer_dtl with zero credits earned at your institution (dap_cr_earn) will be extracted to DAP21 output file. N = Transfer courses that earned zero credits will not be included.
Reserved 1	96	Reserved for future use.
Reserved 2	69	Reserved for future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020<sub>DEGINFO</sub>

The "DEGINFO" record of UCX-CFG020 controls which student data fields are used by DegreeWorks. COMPASS uses this record to control which fields are displayed for Run Audit, What-If, and Select Student. These settings are also used by many DegreeWorks subroutines to control the inclusion of college and position in the DegreeWorks major/minor code.

UCX-KEY:	Len	Description
"DEGINFO"	7	"DEGINFO"
Reserved	23	Reserved for future use.

UCX-VALUE:	Len	Description
Mjmn1 Type	1	J = major. N = minor. Is the rad_mjmn1 a major or a minor?
Mjmn1 Position	1	Position of major/minor. Valid values are "1" - "4".
Mjmn2 Type	1	J = major. N = minor. Is the rad_mjmn2 a major or a minor?
Mjmn2 Position	1	Position of major/minor. Valid values are "1" - "4".
Mjmn3 Type	1	J = major. N = minor. Is the rad_mjmn3 a major or a minor?
Mjmn3 Position	1	Position of major/minor. Valid values are "1" - "4".
Mjmn4 Type	1	J = major. N = minor. Is the rad_mjmn4 a major or a minor?
Mjmn4 Position	1	Position of major/minor. Valid values are "1" - "4".
College Major	1	Include college in the DAP major code? Y/N. Default = Y. N = college code is blank in RAD.
Major Length	2	Length of major in DAP major code. 01 - 12. Default = 04.
Position in Major	1	Not Implemented
College in Minor	1	Include college in the DAP minor code? Y/N. Default = Y. N = college code is blank in RAD.
Minor Length	2	Length of minor in DAP minor code. 01 - 12. Default = 04.
Position in Minor	1	Not Implemented
Degree Major	1	Not Implemented
Conc Major	1	Not Implemented
Program	1	Is program used in student system? Y/N. Default = Y
Mjmn 1	1	Is major/minor 1 used in student system? Y/N. Default = Y
Clg 1	1	Is college 1 used in student system? Y/N. Default = Y
Mjmn1 Conc 1	1	Is concentration 1 of MJMN1 used in student system? Y/N. Default = Y
Mjmn1 Conc 2	1	Is concentration 2 of MJMN1 used in student system? Y/N. Default = Y
Mjmn1 Conc 3	1	Is concentration 3 of MJMN1 used in student system? Y/N. Default = Y
Specialization 1	1	Is specialization 1 used in student system? Y/N. Default = Y
Liberal learning 1	1	Is liberal learning 1 used in student system? Y/N. Default = Y
Mjmn 2	1	Is major/minor 2 used in student system? Y/N. Default = Y
College 2	1	Is college 2 used in student system? Y/N. Default = Y
Mjmn2 Conc 1	1	Is concentration 1 of MJMN2 used in student system? Y/N. Default = Y
Mjmn2 Conc 2	1	Is concentration 2 of MJMN2 used in student system? Y/N. Default = Y
Mjmn2 Conc 3	1	Is concentration 3 of MJMN2 used in student system? Y/N. Default = Y
Specialization 2	1	Is specialization 2 used in student system? Y/N. Default = Y
Liberal learning 2	1	Is liberal learning 2 used in student system? Y/N. Default = Y
Mjmn 3	1	Is major/minor 3 used in student system? Y/N. Default = Y
Clg 3	1	Is college 3 used in student system? Y/N. Default = Y
Mjmn3 Conc 1	1	Is concentration 1 of MJMN3 used in student system? Y/N. Default = Y
Mjmn3 Conc 2	1	Is concentration 2 of MJMN3 used in student system? Y/N. Default = Y
Mjmn3 Conc 3	1	Is concentration 3 of MJMN3 used in student system? Y/N. Default = Y
Specialization 3	1	Is specialization 3 used in student system? Y/N. Default = Y
Liberal learning 3	1	Is liberal learning 3 used in student system? Y/N. Default = Y

UCX-VALUE:	Len	Description
Mjmn 4	1	Is major/minor 4 used in student system? Y/N. Default = Y
Clg 4	1	Is college 4 used in student system? Y/N. Default = Y
Mjmn4 Conc 1	1	Is concentration 1 of MJMN4 used in student system? Y/N. Default = Y
Mjmn4 Conc 2	1	Is concentration 2 of MJMN4 used in student system? Y/N. Default = Y
Mjmn4 Conc 3	1	Is concentration 3 of MJMN4 used in student system? Y/N. Default = Y
Specialization 4	1	Is specialization 4 used in student system? Y/N. Default = Y
Liberal learning 4	1	Is liberal learning 4 used in student system? Y/N. Default = Y
Compass Audit Type	2	Obsolete.
Default In-progress	1	Y/N. Default answer to audit run-time question: "Should In-Progress classes be included in audit?" Y = COMPASS checkbox for In-Progress defaults to "x". N = COMPASS checkbox for In-Progress defaults to " ".
Audit Degree Seeking	1	Y/N. Default = Y. Y = allow audits on degree seeking students only (UCX-STU564) N = audit anyone.
Filter on Degree Interest	1	Y/N. Default = Y. Y or blank = Use Degree-Interest to screen classes. Must match Degree-Interest of degree_dtl. N = Skip Degree-Interest. Not Used.
Exceptions tied to Degree	1	Y/N. Default = N. Y = Exceptions are tied to degree. DegreeWorks will skip the exception if the degree being audited does not match the degree on the exception. N or blank = Degree is ignored when dealing with exceptions
Exceptions tied to School	1	Y/N. Default = N. Y = Exceptions are tied to school. DegreeWorks will skip the exception if the school on the degree_dtl does not match the school on the exception. N or blank = School is ignored when dealing with exceptions.
Disc Squish	1	Obsolete
Credits To Units	1	Y/N. Default = N. Y = DAP19 will lookup CREDITS in UCX-SCR001 to translate to "Units" or whatever is in UCX-SCR001's literal. N = DAP19 will use "Credits" regardless of what is in UCX-SCR001.
LIBL-Use Degree Catalog Year	1	Y/N. Default = N. Y = Use the Degree Catalog Year for LIBL (Liberal Learning) requirements. N = Use the Major catalog year for LIBL requirements.
CONC-Use Degree Catalog Year	1	Y/N. Default = N. Y = Use the Degree Catalog Year for CONC (Concentration) requirements. N = Use the Major catalog year for CONC requirements.
SPEC-Use Degree Catalog Year	1	Y/N. Default = N. Y = Use the Degree Catalog Year for SPEC (Specialization) requirements. N = Use the Major catalog year for SPEC requirements.
COLL-Use Degree Catalog Year	1	Y/N. Default = N. Y = Use the Degree Catalog Year for COLL (College) requirements. N = Use the Major catalog year for COLL requirements.
Reserved 1	40	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020PLANNER

The "PLANNER" record of UCX-CFG020 controls the Web Planner page. Its primary function is to drive the appearance of grid on the Planner web page in a manner that is appropriate for the institution's needs.

UCX-KEY:	Len	Description
"SEARCH"	7	"PLANNER"
Reserved	23	Reserved for future use.

UCX-VALUE:	Len	Description
Years in Planner	1	The number of years to show on the planner grid.
Terms per Year	1	The number of terms to show per year on the planner grid.
Classes per Term	1	The number of classes to show per term on the planner grid.
Reserved	1	Future use
Advisor Label	20	Fill in the value you want to show on the planner: "Advisor" or "Counselor" or other
Audit Report	5	From UCX-RPT036, the audit report to use when running a look ahead audit from the planner
Planner Name 1	20	Name displayed in the picklist for the first planner type
Planner Type 1	1	N = Notes Mode, C = Calendar mode. Corresponds to Planner Name 1.
Planner Name 2	20	Name displayed in the picklist for the second planner type. If blank, only Planner Type 1 is available to users.
Planner Type 2	1	N = Notes Mode, C = Calendar mode. Corresponds to Planner Name 2.
Allow Changes to past terms	1	Y = allow changes to terms before the student's active term. N = do not allow changes to terms before the student's active term. N is strongly recommended so that completed planned information is not lost.
Show School	1	Y = Show school in Templates
Show Degree	1	Y = Show degree in Templates
Show Major	1	Y = Show major in Templates
Show Minor	1	Y = Show minor in Templates
Show Concentration	1	Y = Show concentration in Templates
Show College	1	Y = Show college in Templates
Show Liberal Learning	1	Y = Show liberal learning in Templates
Show Specialization	1	Y = Show specialization in Templates
Show Program	1	Y = Show program in Templates
Show What-If Options	1	Y = Show what-if options in the Student Educational Planner. N = do not show what-if options in the Student Educational Planner
Show Completed Classes Default	1	Y = Default the "Show completed classes" checkbox to checked. N = Default the "Show completed classes" checkbox to unchecked. If "Allow Changes to past terms" is set to "Y", it is strongly recommended to set this to "N" so that planned information defaults into the plan, rather than completed information.
Allow changes to current term	1	If "Allow Changes to past terms" = N, then this flag is followed. Y = Allow changes to current term N = Do not allow changes to current term (current term is considered completed)
Allow multiple active plans	1	Y = Allow unlimited active plans per student/degree N = Restrict to one active plan per student/degree. This is recommended if students are allowed to edit plans. *Please see special consideration below if you are changing this flag from Y to N and have existing multiple active plan data.
Allow plan locking	1	Y = Allow student plans to be locked by advisors
Reserved 1	14	Reserved for Future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.

Client Reserve	30	Reserved for Client use.
Revision	6	Revision code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

\*If you have been using the SEP functionality and have existing multiple active plans for students, you will need to be aware that changing the “Allow multiple active plans” flag to N will not affect existing data. Plans previously marked as active will remain active until they are brought up in the web and saved as inactive.

Another option to modify planner data would be to use SQL to make bulk changes based on your institution's active term policy. The active/inactive status of each plan is evaluated by the `dap_planner_dtl.dap_active_flag`. If this flag is Y, then a plan is considered active. If this flag is N then the plan is considered inactive.



# UCX-CFG020PLANNERBLOCK

The "PLANNERBLOCK" record of UCX-CFG020 controls the Planner Create Block functionality. Users with the SDPLNREQ key will see a "Create Block" button in the planner. Clicking this button will create an OTHER=PLAN, for example, block with the student's ID as a secondary tag based on the classes listed in the plan. This is most useful for Graduate students who have custom requirements.

UCX-KEY:	Len	Description
PLANNERBLOCK	12	"PLANNERBLOCK"
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Description
OTHER Block Title	50	The title to use when saving the OTHER planner block. When this field is blank the description from the plan will be used as the block title.
OTHER Block Value	12	The block will be created as an OTHER block type; this value specifies what the value will be – for example "PLAN" or "PLANNER" or whatever you desire.
Subset Label Prefix	30	When subsets are being created you can specify the label text. Note – the term literal ("Spring 2009" for example) will be appended to this text.
Create Subsets for Terms	1	Y=create a subset for each term with the classes for each term becoming the rules within the subset.
Use Classes In Rules	1	Y=use "1 Class in" while N indicates that "3 Credits in", for example, should be used on each of the course rules.
Show Credits in rule label	1	The course rule labels will contain the title of the course; with this flag set to Y the credits will be appended to the end. For example, "Intro to History – 5 Units".
Reserved 1	5	Reserved for Future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020RADBRIDGE

The “RADBRIDGE” record of UCX-CFG020 controls the behavior of the Bridge (RAD41) from the student system to DegreeWorks Repository for Audit Data.

UCX-KEY:	Len	Description
RADBRIDGE	10	“RADBRIDGE”
Reserved	20	Reserved for future use.

UCX-VALUE:	Len	Description
Log Fatal Errors	1	Y/N. Default = N. Y = Bridge will log Fatal errors that prevent the data from being stored.
Log Warnings	1	Y/N. Default = N. Y = Bridge will log warnings that allow data to be stored but indicate possible invalid data.
Log Successful Transactions	1	Y/N. Default = N. Y = Bridge will log successful transactions.
Association Default	10	Obsolete.
DELETEID will delete from DAP	1	Y/N. Default = N. Y = DELETEID transaction will delete records from the DAP database.
SHP-USER-MST Modify Flag	1	F = Be FLEXIBLE with the shp_user_mst Modify flag. Just load what is bridged and do NOT pay attention to the shp_user_mst Modify flag. If the shp_user_mst exists then modify the data using the bridged data. If the shp_user_mst does NOT exist then add the record using the bridged data. I = Be INFLEXIBLE. Follow the Modify flag no matter what. If an “M” is bridged and the shp_user_mst does not exist then nothing will happen. A shp_user_mst record will NOT be added. If an “A” is bridged and a shp_user_mst already exists, then nothing will happen. The existing shp_user_mst will NOT be modified. *** NOTE *** Refer to the chart below for details.
Reserved 1	85	Reserved for future use.
Reserved 2	69	Reserved for future use.
Status	1	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision Code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

Flexible / Inflexible (F/I)	Modify Flag (A/M)	SHP Record Exists (Y/N)	Result
F	A	Y	SHP record is modified with data in bridge R171SHPU record
F	A	N	SHP record is added with data in bridge R171SHPU record
F	M	Y	SHP record is modified with data in bridge R171SHPU record
F	M	N	SHP record is added with data in bridge R171SHPU record
I	A	Y	Error/Warning: Attempt to add a record that already exists. No SHP record is modified, nor is it added.
I	A	N	SHP record is added with data in bridge R171SHPU record
I	M	Y	SHP record is modified with data in bridge R171SHPU record
I	M	N	Error/Warning: Attempt to modify a record that does not exist. No SHP record is modified, nor is it added.

# UCX-CFG020REFRESH

The "REFRESH" record of UCX-CFG020 contains global configuration settings for DegreeWorks that are shared by many programs.

UCX-KEY:	Len	Description
"REFRESH"	7	"REFRESH"
Reserved	23	Reserved for future use.

UCX-VALUE:	Len	Description
Dynamic Refresh	1	Y/N. Default = N. Y = Dynamic data refresh from the student system is allowed. This capability is currently only available for Banner sites.
Refresh Timeout	4	Time in minutes before a new refresh is allowed. The number of minutes in a day is 1440. For example, if the Refresh Timeout is set to 120 minutes (0120) and the difference between the system's current time and the rad_primary_mst Bridge Date/Time is LESS THAN or EQUAL TO 120 minutes, then a Refresh will NOT be performed. If the time differential is 120.01 minutes then a Refresh may be performed depending on the settings below. "9999" = Never refresh. "0000" = Always refresh.
Run Audit Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system before running an Audit.
What-If Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system before performing a What-If audit.
Look Ahead Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system before performing a Look Ahead audit.
Planner Audit Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system before performing a Planner Audit
Exception Audit Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system before performing an Exception Audit.
View Audit Refresh	1	Y/N. Default = N. Y = Refresh the data from the student system. If there are data changes run a new audit instead of just doing a view. If this flag is N and one of the other flags is Y we compare the bridge date/time to that of the most recent audit. If the audit is stale we run a new audit.
Reserved 1	89	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020RESULTS

UCX-CFG020RESULTS defines which dap\_result\_dtl (CPA) result-types are created when building CPA data.

UCX-KEY:	Len	Description
"RESULTS"	7	"RESULTS"
Reserved	23	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Build Stuinfo	1	1	Build audit ID/date/time, advisor, major, college information
Build Classes Applied	1	2	Build list of classes applied to rules
Build Remarks	1	3	Build remarks for header and for rules
Build Fall-through section	1	4	Build fallthrough (electives) section
Build Over-The-Limit section	1	5	Build over-the-limit (not used) section
Build Insufficient section	1	6	Build insufficient (failed) section
Build Audit Errors section	1	7	Build the audit errors section
Build Block Header CrCl Needed	1	8	Build the block header's credits/classes needed
CrCl Applied	1	9	Build the block header's credits/classes applied
Advice	1	10	Build the block header advice
Requirements	1	11	Build the block header qualifier requirements
Build Rule ProxyAdvice	1	12	Build rule proxy-advice
Block Rule Label	1	13	Build the block rule label and percent complete
Advice	1	14	Build the block rule advice
Blocktype Rule Label	1	15	Build the blocktype rule label and percent complete
Advice	1	16	Build the blocktype rule advice
Rule-Complete Label	1	17	Build the rule-complete label
Group Rule Label	1	18	Build the group rule label and percent complete
Advice	1	19	Build the group rule advice
Subset Rule label	1	20	Build the subset rule label and percent complete
Advice	1	21	Build the subset rule advice
Noncourse Rule Label	1	22	Build the noncourse rule label and percent complete
Advice	1	23	Build the noncourse rule advice
Course Rule Label	1	24	Build the course rule label, percent complete, and credits/classes applied
Advice	1	25	Build the course rule advice
CrCl Required	1	26	Build the course rule classes/credits required
Reserved 1	74	27	Reserved for future use.
Reserved 2	101	69	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-CFG020RESULTS

UCX-CFG020RESULTS defines which dap\_result\_dtl (CPA) result-types are created when building CPA data.

UCX-KEY:	Len	Description
"RESULTS"	7	"RESULTS"
Reserved	23	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Build Stinfo	1	1	Build audit ID/date/time, advisor, major, college information
Build Classes Applied	1	2	Build list of classes applied to rules
Build Remarks	1	3	Build remarks for header and for rules
Build Fall-through section	1	4	Build fallthrough (electives) section
Build Over-The-Limit section	1	5	Build over-the-limit (not used) section
Build Insufficient section	1	6	Build insufficient (failed) section
Build Audit Errors section	1	7	Build the audit errors section
Build Block Header CrCl Needed	1	8	Build the block header's credits/classes needed
CrCl Applied	1	9	Build the block header's credits/classes applied
Advice	1	10	Build the block header advice
Requirements	1	11	Build the block header qualifier requirements
Build Rule ProxyAdvice	1	12	Build rule proxy-advice
Block Rule Label	1	13	Build the block rule label and percent complete
Advice	1	14	Build the block rule advice
Blocktype Rule Label	1	15	Build the blocktype rule label and percent complete
Advice	1	16	Build the blocktype rule advice
Rule-Complete Label	1	17	Build the rule-complete label
Group Rule Label	1	18	Build the group rule label and percent complete
Advice	1	19	Build the group rule advice
Subset Rule label	1	20	Build the subset rule label and percent complete
Advice	1	21	Build the subset rule advice
Noncourse Rule Label	1	22	Build the noncourse rule label and percent complete
Advice	1	23	Build the noncourse rule advice
Course Rule Label	1	24	Build the course rule label, percent complete, and credits/classes applied
Advice	1	25	Build the course rule advice
CrCl Required	1	26	Build the course rule classes/credits required
Reserved 1	74	27	Reserved for future use.
Reserved 2	101	69	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-CFG020SEARCH

The "SEARCH" record of UCX-CFG020 controls the Web Search page. Its primary function is to drive the appearance of drop-down list boxes on the Search web page in a manner that is appropriate for the institution's needs.

UCX-KEY:	Len	Description
"SEARCH"	6	"SEARCH"
Reserved	24	Reserved for future use.

UCX-VALUE:	Len	Description
Show Degree	1	Y/N. Default = N. Set this flag to Y if Degree should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU307.
Show Major	1	Y/N. Default = N. Set this flag to Y if Major should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU023.
Show Minor	1	Y/N. Default = N. Set this flag to Y if Minor should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU024.
Show Level	1	Y/N. Default = N. Set this flag to Y if Level should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU305.
Show College	1	Y/N. Default = N. Set this flag to Y if College should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU560.
Show School	1	Y/N. Default = N. Set this flag to Y if School should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU350.
Show Specialization	1	Y/N. Default = N. Set this flag to Y if Specialization should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU323.
Show Concentration	1	Y/N. Default = N. Set this flag to Y if Concentration should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU563.
Show Student Status	1	Y/N. Default = N. Set this flag to Y if Status should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU306.
Show Liberal Learning	1	Y/N. Default = N. Set this flag to Y if Liberal Learning should be enabled on the Search web page. Contents of drop-down list box are taken from UCX-STU324.
Reserved a	6	Reserved for Future use.
Search Maximum	4	The maximum number of students to be returned in search results. The value must be zero-filled (e.g., "0500" for 500 students). A value of "9999" means that no maximum is desired and all students selected in the search will be returned.
Allow Search On All	1	Y/N. Default = Y. Set this flag to Y if the user can search on the entire database without entering any search criteria. Set this flag to N to require that the user enter at least one search value.
Advanced or Simple ID Search	1	Obsolete – no longer needed.
Show SSN (searching only)	1	Y/N. Default = N. Set this flag to Y to show the SSN on a search page.
Reserved 1	78	Reserved for Future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020TIEBREAK

The Auditor Engine uses this record to break ties between two courses whose best fit is the same requirement but only one of the courses is needed for the requirement. The factors used in this decision are assigned a position in this record. For each factor, the user assigns a priority and a Keep-Flag. The priority tells the order in which the Auditor will evaluate the factors until the tie is broken. If both courses have the same value for a factor then check the next factor in priority order. If none of the factors break the tie then the Auditor arbitrarily keeps the first course on the rule and removes the other course. The Keep-Flag indicates which of the courses to apply to the rule, i.e. how to break the tie.

The factors and possible keep-flag values are:

Grade (numeric) : H/L H=keep the highest grade.  
 Term : H/L H=keep the highest (most recent).  
 DAP Credits : H/L H=keep the highest credits.  
 Course-Number : H/L H=keep the highest course number.  
 Pass-Fail : Y/N Y=keep the Pass-Fail course.  
 Transfer : Y/N Y=keep the Transfer course.  
 Do-Over : Y/N Y=keep the Do-Over course.  
 In-Progress : Y/N Y=keep the In-Progress course.  
 Incomplete : Y/N Y=keep the Incomplete course.

Each of the above factors is assigned a unique priority from one to nine. A priority number cannot be duplicated on multiple factors.

For example, if MATH 100 and MATH 105 both fit the same requirement but only one course is needed, then the Auditor uses the TIEBREAK record to guide the selection of which course to apply to the requirement.

If TIEBREAK indicates grade has priority "01" and Keep-Flag "H", then the course with the highest grade is applied to the requirement. If both courses have the same grade, then the Auditor examines the factor with priority "02". If term is "02" and its Keep-Flag is "H" then the course with the highest term (most recent) is kept on the requirement. Evaluation continues through all the factors, in priority order, until the tie is broken. If the TIEBREAK factors fail to break the tie, then the Auditor will keep the first course in its internal list.

The configuration settings in this record can vary by school and/or college. For this reason, school and college are optionally part of the key. The DAPAUDITSTU subroutine uses the student's school code as part of the key if the UCX-CFG020 DAP14-TIEBREAK-SCHOOL flag is "Y". It uses the student's college code (rad\_mjmn1\_clg) as part of the key if the UCX-CFG020 DAP14-TIEBREAK-COLLEGE flag is "Y". If both flags are "Y" then both school and college are part of the key. If the key constructed using these flags does not exist in UCX-CFG020 then the "TIEBREAK" record is used as the default. Always create a record with just "TIEBREAK" as the default. There is no need to create any other "TIEBREAK" records if the tiebreak factors do not vary by school or college.

UCX-KEY:	Len	Description
"TIEBREAK"	8	"TIEBREAK"
School	12	School code (from UCX-STU350) if UCX-CFG020 DAP14-TIEBREAK-SCHOOL = "Y".
College	6	College code (from UCX-STU560) if UCX-CFG020 DAP14-TIEBREAK-COLLEGE = "Y".
Reserved	4	Reserved for future use.

UCX-VALUE:	Len	Description
Grade Rank	2	Priority of the Grade factor, "01" - "09". Default = "01".
Grade Keep	1	Keep-Flag of the Grade factor. H = keep the course with the highest grade. L = keep the course with the lowest grade. Default = "H".
Term Rank	2	Priority of the Term factor, "01" - "09". Default = "02".
Term Keep	1	Keep-Flag of the Term factor. H = keep the course with the most recent term. L = keep the course with the oldest term. Default = "H".

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Description</b>
Credits Rank	2	Priority of the Credits factor, "01" - "09". Default = "03".
Credits Keep	1	Keep-Flag of the Credits factor. H = keep the course with the highest credits. L = keep the course with the lowest credits. Default = "H".
Course Number Rank	2	Priority of the Course Number factor, "01" - "09". Default = "04".
Course Number Keep	1	Keep-Flag of the Course Number factor. H = keep the course with the highest course number. L = keep the course with the lowest course number. Default = "H".
Passfail Rank	2	Priority of the Passfail factor, "01" - "09". Default = "05".
Passfail Keep	1	Keep-Flag of the Passfail factor. Y = keep the Passfail course. N = do not keep the Passfail course. Default = "N".
Transfer Rank	2	Priority of the Transfer factor, "01" - "09". Default = "06".
Transfer Keep	1	Keep-Flag of the Transfer factor. Y = keep the Transfer course. N = do not keep the Transfer course. Default = "N".
Repeat Rank	2	Priority of the Repeat factor, "01" - "09". Default = "07".
Repeat Keep	1	Keep-Flag of the Repeat factor. Y = keep the repeated (do-over) course. N = do not keep the repeated (do-over) course. Default = "N".
Incomplete Rank	2	Priority of the Incomplete factor, "01" - "09". Default = "08".
Incomplete Keep	1	Keep-Flag of the Incomplete factor. Y = keep the Incomplete course. N = do not keep the Incomplete course. Default = "N".
In-progress Rank	2	Priority of the In-Progress factor, "01" - "09". Default = "09".
In-progress Keep	1	Keep-Flag of the In-Progress factor. Y = keep the In-Progress course. N = do not keep the In-Progress course. Default = "N".
Reserved 1	73	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.



# UCX-CFG020TRANSFER

The "TRANSFER" record controls how the DAPCLSINFO subroutine processes transfer courses from the student system. It indicates if the transfer record contains grading and class status information, and optionally allows transfer courses to be evaluated as repeats.

UCX-KEY:	Len	Description
"TRANSFER"	8	"TRANSFER"
Reserved	22	Reserved for future use.

UCX-VALUE:	Len	Description
Grades stored	1	Obsolete.
Grade Type	2	Obsolete.
Class Status stored	1	Obsolete.
Class Status	2	Obsolete.
Repeat	1	Obsolete.
Many-To-One	1	Obsolete.
Degree	1	Obsolete.
Soc CrType	1	Obsolete.
Soc Element	4	Obsolete.
Use TreQ	1	Y/N/B. Default = N. Y = DegreeWorks will use the DAP transfer data entered through TreQ. N = DegreeWorks will use the transfer data sent from the student system (RAD). B = DegreeWorks will look for the transfer class data in the RAD system first. If NO RAD transfer data is found then it will look for DAP transfer data entered through TreQ.
Reserved A	39	Reserved for future use.
Reserved B	46	Reserved for future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

# UCX-CFG020TREQ

Treq and DegreeWorks subroutines use this record to control how transfer records are created in the DAP database. Other settings tell DegreeWorks how a transfer school is identified on the system. This record should be examined and changed by each institution.

UCX-KEY:	Len	Description
"TREQ"	4	"TREQ"
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Description
School Key	1	Default = E. Which field on the rad_ets_mst is the SCHOOL-ID: E = rad_ets_code, D = rad_ets_doe, F = rad_ets_fice, U = rad_ets_user,
School Elem	4	The UCX-SYS999 element that tells DegreeWorks where to find the School-ID on the rad_ets_mst. e.g. 0086 = rad_ets_code, 2590 = rad_ets_doe, 2591 = rad_ets_fice, 2592 = rad_ets_user, 0088 = rad_ets_tax_id,
Default Calendar	2	Default calendar code from UCX-STU346 (quarter, semester, credit hours, etc)
Default Credit Type	2	Default credit-type from UCX-STU355 for transfer classes stored in transfer-dtl.
Default Data from Course Mst	1	Default=N. Should data fields be defaulted from the rad_course_mst when articulated? Y/N. Not implemented.
Default Degree Interest	2	Default Degree Interest code from UCX-STU564 to be used when saving rad_transfer_dtl records.
Default Grade Type	2	Default Grade Type from UCX-STU356 for transfer classes stored in the rad_transfer_dtl (A-F, Pass-fail, etc).
Default Transfer Grade	4	If the Transfer Grade Required flag listed below is N and the user leaves the grade blank this grade should be used as the default transfer grade.
Default School	12	Default School code from UCX-STU350.
Default Catalog Year	12	Default student catalog year from UCX-STU035. This is the catalog year at the home institution.
Grade Assign Mode	1	Default=H. How should the grade be assigned on a many-to-one or many-to-many mapping: L=use lowest grade from transfer classes; H=use highest grade from transfer classes; P=use many-passfail-grade when assigning the grade.
Many Pass Grade Type	2	Default=PF. The default passfail grade type to use when the MANY grade assignment flag is P.
Many Pass Grade	4	Default=PA. The default passfail grade to be used when the MANY grade assignment flag is P.
Roll Zero	1	Obsolete
RIM in use	1	Obsolete
SAM in use	1	Obsolete
Tests ID	10	School-ID for test scores saved in the dap_transfer_dtl. Default = "TESTS".
Test Best	2	Obsolete
Test Credit Type	2	The credit type to use on classes mapped from test scores.
Test Grade Type	2	Default Grade-Type from UCX-STU356 for classes mapped from test scores.
Test Grade	4	The grade to use on classes mapped from test scores.

UCX-VALUE:	Len	Description
Test Indicator	2	Will be set to "NM" – no match if a TEST-DTL does NOT match a dap_transfer_dtl record. Will be set to "RO" if the TEST-DTL is rolled. Will be set to "FR" if the records rolled from the dap_transfer_dtl are frozen.
Test Zero-fill	1	Default = N. If set to Y, then the TEST-SCORE will be right-justified and zero-filled if rolled.
Transfer Grade Required	1	Default=N. Should TreQ require a transfer grade when the transfer transcript is being entered? Y/N
Upshift Transfer Discipline	1	Default=N. Upshift Transfer Discipline flag. Y/N.
Upshift Home Discipline	1	Default=N. Upshift Discipline (home school). Y/N.
Use Section	1	When defining mappings in TreQ should Section appear as a field for the home school class? Y/N
Show Transfer Grade Points	1	Y/N. Default = Y. Y = TreQ will show Transfer Grade Points. N = TreQ will not show Transfer Grade Points.
Course Mst Data	1	Y/N. Default = Y. Y = TreQ will default the following fields on the dap_transfer_dtl from the rad_course_mst: Acad-Votech, Class-Type, Division, and Department. N = TreQ will default these fields to blanks.
Default Active Term	8	When loading transcript data via RADBRIDGE, the term on the RAD-APPLICNT-DTL and RAD-STUDENT-MST are defaulted to this value if term is blank on these records. This occurs only when adding a new RAD-APPLICNT-DTL or RAD-STUDENT-MST. Must be valid in UCX-STU016.
School Type	1	Load Dap-Transfer-Dtl User-Def1 with ETS Type field. Should only be set to Y if Scribed blocks use WITH operator on SchoolType value.
Transfer Term	8	Obsolete.
Reserved 1	2	Reserved for future use.
Default Degree	12	When loading transcript data via RADBRIDGE and adding a new RAD-APPLICNT-DTL, the degree code on the RAD-APPLICNT-DTL is defaulted to this value if degree is blank. When loading a student for the first time into TreQ that does not have a RAD-APPLICNT-DTL we also used this degree as the default when creating the dap-applicant-mst. Must be valid in UCX-STU307.
Reserved 2	57	Reserved for future use.
Status	1	Y=Active, N=Inactive, W=Issue Warning message for override
Client Reserve	30	Reserved for client use.
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update

# UCX-CFG020<sub>WEB</sub>

The DegreeWorks web interface uses this record to control different aspects of the software, such as the GPA Calculator, Exception Management, displaying the audit, and others.

UCX-KEY:	Len	Description
"WEB"	3	"WEB"
Reserved	27	Reserved for future use.

UCX-VALUE:	Len	Description
Classes in Term	2	This is used by the Term GPA Calculator. This feature allows the institution to decide how many classes per term a user can input into the Term GPA Calculator.
Letter or Numeric Grades	1	This is used by the Term GPA Calculator. This feature allows the institution to use either letter grades ("L") or numeric grades ("N"). If using letter grades, the grade information will be loaded using UCX-STU385 (UCX-STU385 for RAD).
Show Notes Student Checkbox	1	This is a Yes/No flag that will show ("Y") or hide ("N") the "Not available to student" checkbox in the Adding Notes feature. If it is set to N, all notes will be public. If it is set to Y, the user can toggle the checkbox to determine if that individual note is public or not.
Show In-Progress Checkbox	1	In the Audit screens, set to "Y" to show the "Include in-progress classes" checkbox. Set to "N" to not show the checkbox, and use the In-Progress Default.
In-Progress Default	1	In the Audit screens, set the default value for including In-Progress classes. If set to "Y", the default will be that in-progress classes will be. If set to "N", in-progress classes will not be included.
Show Pre-registered checkbox	1	In the Audit screens, set to "Y" to show the "Include pre-registered classes" checkbox. Set to "N" to not show the checkbox, and use the Pre-Registered Default.
Pre-registered default	1	In the Audit screens, set the default value for including Pre-Registered classes. If set to "Y", the default will be that pre-registered classes will be. If set to "N", pre-registered classes will not be included.
Audit Title Style	1	Valid choices: A,B,C,D,E,F,G. Default is E. This code determines how the HTML <title> will be set for the audits. See table below.
Run New if No Audit Exists	1	If a user clicks "View Audit" on the web, but no audit exists, "Y" = run new audit and return to screen; "N" = show error message that no audit exists.
View Last Audit in Exceptions	1	When the user clicks the Exceptions tab, "Y"=View last audit without processing a new one, "N"=Run new audit.
Save Exception Audit	1	If "View Last Audit in Exceptions" = "Y", this flag set to "Y" will save the audit after clicking "Run New Audit."
Allow ALL Searches	1	In the Exception Management report, "Y" = allow searching on all exceptions (without providing any selection criteria), "N" = require selection criteria.
Show Notes Picklist	1	Y/N. In Notes, Y=Use UCX-CFG071 entries to populate a picklist for notes, N = No picklist.
Mask Student ID	1	N=No mask; A=Mask All values; #=Mask x number of characters (e.g. "5" for *****6789).
Header frame height	3	Height of header frame to be adjusted during customizations. It can be a 3-digit number. Use leading zeros if it is less than three digits.
GPA Calc Decimals	1	Number of decimals to use in the GPA Calculator (ex: "2" for 3.14) Max=3
GPA Calc Round or Truncate	1	Y=Round, N=Truncate. See also GPA Calc Decimals flag
Reserved 1	42	Reserved for Future use.
Reserved 2	48	Reserved for Future use.
Reserved 3	49	Reserved for Future use.
Reserved 4	12	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	Reserved for Client use.
Client Reserve	30	Reserved for Client use.

UCX-VALUE:	Len	Description
Revision	6	Revision code
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

## Audit Title Style Settings

Style	Description, Example
A	SunGard Higher Education DegreeWorks audit
B	DegreeWorks: [Report Type] audit Example: DegreeWorks Detailed Advice audit
C	[School Name:] [Report Type] audit Example: Generic College: Detailed Advice audit
D	[Report Type] audit for [Student Name] Example: Detailed Advice audit for Thomas Long
E	[Report Type] audit for [Student Name] – [Student ID] Example: Detailed Advice audit for Thomas Long – 123456789
F	[School Name:] [Report Type] audit for [Student Name] Example: Generic College: Detailed Advice audit for Thomas Long
G	[School Name:] [Report Type] audit for [Student Name] [Student ID] Example: Generic College: Detailed Advice audit for Thomas Long 123456789

# UCX-CFG020WEBPARAMS

Campus Online requires an entry in UCX-CFG020 to control its behavior. The key for this record is "WEBPARAMS". Currently there are three configuration settings in use.

The Timeout Location tells WEB12 (WEBAUTHENTICATE) the precedence level of the passport timeouts. There are three places that the timeouts can be defined: in the shp\_user\_mst, the shp\_group\_mst and this UCX-CFG020 record.

UCX-KEY:	Lng	Description
WEBPARAMS	30	WEBPARAMS

UCX-VALUE	Lng	Begins in Byte	Description
Timeout Precedence	1	1	U, G, or D. If "U", then Campus Online will use the timeouts specified in the user's shp_user_mst record. If the shp_user_mst timeout is blank then the timeouts in the shp_group_mst records will be used. If this flag is "G" then Campus Online will get the timeouts from the SHP-GROUP-MSTs for this user. If all entries from the shp_group_mst are blank then the timeouts from the shp_user_mst will be used. If all entries from the shp_user_mst are blank then the timeouts will come from Timeout Incr and Timeout Max of this UCX-CFG020 record. If this flag is "D" then the timeouts will come from Timeout Incr and Timeout Max of this UCX-CFG020 record. We expect the "D" to be used only during testing. D = Default.
Timeout Preference	1	2	L or S. When the Timeout Location is "G" and timeouts in the shp_group_mst are being used, a user may fall into several groups. Therefore, Campus Online may be confronted with several shp_group_mst timeout settings. This flag will guide Campus Online to pick either the longest settings, if the flag is "L", or the shortest settings, if the flag is "S". Campus Online only looks at the TIMEOUT-MAX when comparing timeouts.
Timeout Increment	4	3	A four-digit number indicating the default Timeout Increment used when the timeouts in the shp_group_mst and the shp_user_mst are blank or when Timeout Location is "D".
Timeout Maximum	4	7	A four-digit number indicating the default Timeout Maximum used when the timeouts in the shp_group_mst and the shp_user_mst are blank or when Timeout Location is "D".
Create Logs	1	11	A Y / N flag controlling the creation of the shp_log_dtl entries for every request to IRISLINK. If this byte is "Y" then the logs will be created; otherwise they will not be created.
Encrypt Password	1	12	A Y / N flag indicating if access codes are being encrypted in the shp_user_mst. This flag should be set before any shp_user_mst records are created and should not be changed unless all user-mst records are to be recreated. A "Y" indicates that the shp_user_mst is storing the access code in an encrypted fashion. Any authentication that takes places must encrypt the user's access code before comparing it to what is in the database. The encryption method is one-way - there is no way to decrypt the code stored in the database.
Maximum Logon Attempts	2	13	A two-digit number limiting the number of invalid logon attempts a user can make before being locked out of Campus Online. A value of "00" indicates that an unlimited number of logon attempts are allowed.
Attempt Time frame	4	15	A four-digit number, in the format HHMM, indicating the number of hours and minutes after the last invalid logon attempt in which the MAX-ATTEMPTS limit should be obeyed. Within this time frame a user is limited to MAX-ATTEMPTS invalid logon attempts. Outside of this time frame a user's logon attempt count gets set to zero.

UCX-VALUE	Lng	Begins in Byte	Description
Reset Time frame	4	19	A four-digit number, in the format HHMM, indicating the length of time after the user reaches the maximum invalid logon attempt limit that a new logon may be attempted.
Access ID Scheme	1	23	Obsolete.
ID Data	12	24	Obsolete.
Code Scheme	1	36	Obsolete.
Code Data	12	37	Obsolete.
Password Expire Increment	3	49	A three-digit number indicating the number of days after the current date to which the user's Access Code expire date should be set. This allows for automatic updating of the SHP-ACC-EXPIRE field in the shp_user_mst for each user that changes his/her Access Code via Campus Online. Only WEB09 makes use of this value, SHPENTRY does not.
Garbage Sleep Len	3	52	Not implemented.
Garbage Wait Len	3	55	Not implemented.
Error Script Prefix	3	58	Obsolete
WAITSTOP seconds	2	61	Number of seconds web09 waits for its children to die before exiting.
WEB04 Read Timeout	2	63	Read timeout in minutes web04 waits for server to return data.
Current Term	8	65	The term to be used for finding current advisees for an advisor.
Registration Term	8	73	Obsolete.
Ignore Access Code	1	81	Not implemented.
Shift Access ID	1	82	U/D/N. This flag controls whether the Access ID entered by the user should be shifted. A "U" indicates that the Access ID should be up-shifted; a "D" indicates that the Access ID should be down-shifted and a "N" or blank means that the Access ID should be processed as entered. This flag is only used during a logon request and not when creating SHP-USER-MST records in SHPENTRY.
Shift Access Code	1	83	U/D/N. This flag controls whether the Access Code entered by the user should be shifted. A "U" indicates that the Access Code should be up-shifted, a "D" indicates that the Access Code should be down-shifted and a "N" or blank means that the Access Code should be processed as entered. This flag is only used during a logon request.
Standard Script Prefix	3	84	Obsolete
Custom Script Prefix	3	87	Obsolete – all custom scripts are now in local/shpscripts named the same as their app/shpscripts counterpart.
Code Scheme 2	1	90	Obsolete.
Passport Scheme	1	91	Obsolete – all passports are randomly generated now.
Multiple Schools	1	92	Obsolete.
Changed Password	1	93	A Y/N flag. If set to 'N' then the shp_access_code will NOT be updated by the shpsave routine which is called by the extract programs (RAD11JOB for non-Banner sites and RAD30JOB for Banner sites). If this flag is 'Y' or BLANK then the shp_access_code WILL be updated if data has changed for the individual (student, advisor or staff member) and one of the extract programs is run on that individual.
Reserved 1	6	94	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

Once a user is authenticated his number of invalid logon attempts gets reset to 0. When a user attempts to logon, Campus Online checks his number of invalid logon attempts, stored in his shp\_user\_mst record, against the value in bytes 13-14. If they are equal then the user has already reached the maximum limit. Campus Online then checks to see if enough time has passed since the user reached the limit to allow the user to attempt a logon. The hours and minutes represented by bytes 19-22, the reset time, are added to time of the user's last invalid logon attempt, also stored in shp\_user\_mst. If the current time is after this sum then the user is allowed to logon. If the current time falls before this time then the user is restricted from logging on. (A reset value of "9999" means that the user is locked out until an administrator manually resets the user's attempt count.)

The first time a user enters an invalid Access Code their shp\_user\_mst attempt count gets set to 1 and the current time is recorded along with this value. The next time the user enters an invalid Access Code during the logon process Campus Online checks to see if he has already reached the MAX-ATTEMPTS. If he did not then Campus Online checks how recently the last invalid logon attempt was made. This is determined by adding the hours and minutes in ATTEMPT-TIME to the time at which the last invalid attempt was made. If the current time falls within this time frame then the user's attempt count gets incremented and the current time replaces the time of the last invalid attempt. A value of "9999" in the ATTEMPT-TIME means that the attempt is always within the time frame.



# UCX-CFG020WHATIF

The "WHATIF" record of UCX-CFG020 controls What-If audits on the Web. Its primary function is to drive the appearance of drop-down list boxes on the What-If web page in a manner that will help a student or advisor successfully conduct a what-if audit.

UCX-KEY:	Len	Description
"WHATIF"	6	"WHATIF"
Reserved	24	Reserved for future use.

UCX-VALUE:	Len	Description
Degree Drives Major	1	M = Choosing a degree filters the list of majors; see UCX-AUD027 Degree Filter fields.
Majors Drives Degree	1	D = Choosing a major will use the Degree, School and College from UCX-AUD027.
Show Program	1	Y/N. Default = Y. Set this flag to Y if the Program drop-down list box should be enabled on the What-If Web page.
Show Major	1	Y/N. Default = Y. Set this flag to Y if the first Major/Minor drop-down list box should be enabled on the What-If Web page.
Show College	1	Y/N. Default = Y. Set this flag to Y if the first college drop-down list box should be enabled on the What-If Web page.
Show Concentration	1	Y/N. Default = Y. Set this flag to Y if the first concentration drop-down list box should be enabled on the What-If Web page.
Mjmn1 Conc2	1	Obsolete.
Mjmn1 Conc3	1	Obsolete.
Show Specialization	1	Y/N. Default = Y. Set this flag to Y if the first Specialization drop-down list box should be enabled on the What-If Web page.
Show Liberal Learning	1	Y/N. Default = Y. Set this flag to Y if the first Liberal Learning drop-down list box should be enabled on the What-If Web page.
Show Minor	1	Y/N. Default = Y. Set this flag to Y if the second Major/Minor drop-down list box should be enabled on the What-If Web page.
Clg2	1	Obsolete.
Mjmn2 Conc1	1	Obsolete.
Mjmn2 Conc2	1	Obsolete.
Mjmn2 Conc3	1	Obsolete.
Spec2	1	Obsolete.
Lbl2	1	Obsolete.
Mjmn3	1	Obsolete.
Clg3	1	Obsolete.
Mjmn3 Conc1	1	Obsolete.
Mjmn3 Conc2	1	Obsolete.
Mjmn3 Conc3	1	Obsolete.
Spec3	1	Obsolete.
Lbl3	1	Obsolete.
Mjmn4	1	Obsolete.
Clg4	1	Obsolete.
Mjmn4 Conc1	1	Obsolete.
Mjmn4 Conc2	1	Obsolete.
Mjmn4 Conc3	1	Obsolete.
Spec4	1	Obsolete.
Lbl4	1	Obsolete.

UCX-VALUE:	Len	Description
Show School	1	Y/N. Default = Y. Set this flag to Y if the School drop-down list box should be enabled on the What-If Web page.
Show Degree	1	Y/N. Default = Y. Set this flag to Y if the Degree drop-down list box should be enabled on the What-If Web page.
Reserved 0	1	Reserved for Future use.
Default Catalog Year	12	Default student catalog year when running What-If Audits. If blank, default will be student catalog year from the degree-dtl
Allow Look-Ahead	1	Y/N. Y=Allow user to include a list of look-ahead classes.
Reserved 1	53	Reserved for Future use.
Reserved 2	69	Reserved for Future use.
Status	1	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	Reserved for Client use.
Revision	6	Revision code.
Who	8	User who last updated this record.
TimeStamp	6	CHRONOS stamp of last update.

With the **July 2002** DegreeWorks update the following applies:

UCX-AUD027 is used for Web's major drop-down list box.

UCX-AUD029 is used for Web's minor drop-down list box.

The **MjMn1** Flag controls whether or not the **major** drop-down list box appears.

The **MjMn2** Flag controls whether or not the **minor** drop-down list box appears.

The **MjMn1-Conc1** Flag controls whether or not the **concentration** drop-down list box appears.

The **Spec1** flag controls whether or not the **specialization** drop-down list box appears.

The **Libl1** Flag controls whether or not the **liberal learning** drop-down list box appears.

## UCX-CFG069 Course Conversions

UCX-CFG069 defines the mapping between old course keys and new course keys. It is used when processing the dap69 course key conversion tool.

UCX-KEY:	Len	Description
Old Course Key	24	Discipline + Course Number (with no spaces). This is the “old” course key that will be replaced in your Scribe blocks.
Reserved	6	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
New Course Discipline	12	1	Discipline code. This is the discipline of the “new” course key that will be inserted into your Scribe blocks, replacing the “old” course key.
New Course Number	13	12	Course Number. This is the course number of the “new” course key that will be inserted into your Scribe blocks, replacing the “old” course key.
Reserved 1	76	88	Reserved for future use.
Reserved 2	82	170	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-CFG070 Course Equivalence Records

UCX-CFG070 is used by DegreeWorks to equate course keys which have been changed or obsoleted to current or new course keys. It can be maintained manually in SureCode. Records entered in UCX-CFG070 will not be available for use in DegreeWorks until the records are loaded into the `dap_eqv_crs_mst` table. UCX-CFG070 records will be loaded into the `dap_eqv_crs_mst` table each night when UCX12JOB runs. (RAD clients can update the `dap_eqv_crs_mst` table directly by using the RAD11 bridge).

You can also load the UCX-CFG070 records into the `dap_eqv_crs_mst` table by using the `dapucx2eqv` script which is run from the colon prompt. It is important to consider the implications for your old scribe blocks when making global changes using the UCX-CFG070 table. See the Special Topics section in the DegreeWorks Technical documentation for more information on loading the `dap_eqv_crs_mst` table.

UCX-KEY:	Len	Description
Record number	30	Unique identifier. Can be discipline/number (MATH101) or can be any unique number

UCX-VALUE:	Len	Begins in Byte	Description
Catalog Year class was taken	12	1	Catalog year the class was taken (Must be valid in UCX-STU035 or can be a wildcard [ @ ])
Old Course Discipline	12	13	Old course discipline.
Number	12	25	Old course number. Can be wildcard ( @ ) if discipline changed but number did not.
Student's Catalog Year	12	37	Student's catalog year (Must be valid in UCX-STU035 or can be a wildcard [ @ ])
New Course Discipline	12	49	New course discipline code
Number	12	61	New course number. Can be wildcard ( @ ) if discipline changed but number did not.
Note	50	73	50 byte free text note.
Reserved	47	123	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Custom	1	171	
Client Reserve	29	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	20	215	CHRONOS stamp of last update.

## UCX-CFG071 Note Text

UCX-CFG071 contains predefined note text which is available for use in the Notes feature on the web. This works in conjunction with the UCX-CFG020 WEB “Show Notes Picklist” flag. It must be set to “Y” for this picklist to show.

To add a new record, copy an existing record and increment the key by one. The picklist will sort by the key.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Sequential Number	3	Sequential number that determines the order of the predefined notes in the picklist. It sorts ascending.
Reserved	27	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Note text	70	1	Text of the note
cont'd	70	71	More note text.
Reserved	29	141	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	Reserved for Client use.
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-CFG072 Planned Courses

UCX-CFG072 defines the term(s) a course is to be offered during future terms. This is used in the Student Educational Planner as well as the Templates interface when creating predefined plans to validate course offerings. You can also specify terms that courses will not be offered.

UCX-KEY:	Len	Description
Course Key	24	Course Key (without a space, e.g.: ART101, MATH211, ENGR344, PE125)
Reserved	6	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Term 1	8	1	Term Code. See below for allowable characters
Term 2	8	9	Term Code. See below for allowable characters
Term 3	8	17	Term Code. See below for allowable characters
Term 4	8	25	Term Code. See below for allowable characters
Term 5	8	33	Term Code. See below for allowable characters
Term 6	8	41	Term Code. See below for allowable characters
Term 7	8	49	Term Code. See below for allowable characters
Term 8	8	57	Term Code. See below for allowable characters
Term 9	8	65	Term Code. See below for allowable characters
Term 10	8	73	Term Code. See below for allowable characters
Term 11	8	81	Term Code. See below for allowable characters
Term 12	8	89	Term Code. See below for allowable characters
Term 13	8	97	Term Code. See below for allowable characters
Term 14	8	105	Term Code. See below for allowable characters
Term 15	8	113	Term Code. See below for allowable characters
Term 16	8	121	Term Code. See below for allowable characters
Message to User	40	129	For display purposes only. This is not used when validating the planned courses.
Reserved 1	1	169	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

Examples of term codes and their meaning:

@	Any term
@03	Any term ending in "03"
2008@	Any term starting with 2008
200803	This specific term
!@03	Any term except those ending in "03"
!200803	Any term except this specific term

## UCX-CFG073 Cross Listed Courses

UCX-CFG073 contains the Course Keys (Discipline + Course Numbers) that are considered cross-listed courses. These courses are loaded into UCX-CFG073 in two different ways:

(1) For Banner sites, if the UCX-CFG020BANNER “Cross List in SCREQIV” flag is ‘Y’ the Equivalency extract (BAN43) performs the following edits to determine if the SCREQIV OLD Course is Cross-listed:

- The SCREQIV\_END\_TERM = ‘999999’
- The OLD SCREQIV\_SUBJ\_CODE\_EQIV and SCREQIV\_CRSE\_NUMB\_EQIV are used to look up the associated SCBCRKY record. The SCBCRKY\_TERM\_CODE\_END must = ‘999999’
- The NEW SCREQIV\_SUBJ\_CODE and SCREQIV\_CRSE\_NUMB are used to look up the associated SCBCRKY record. The SCBCRKY\_TERM\_CODE\_END must = ‘999999’

Courses that satisfy all three requirements are considered cross-listed. If the SCREQIV record is cross-listed the SCREQIV\_SUBJ\_CODE\_EQIV and SCREQIV\_CRSE\_NUMB\_EQIV are loaded in the UCX-KEY while the NEW SCREQIV\_SUBJ\_CODE and SCREQIV\_CRSE\_NUM are loaded into the UCX-VALUE and written to this UCX-CFG073 table for use later by the parser and auditor.

(2) For Non-Banner (RAD) sites, cross-listed courses may be manually loaded into this table using SureCode, if any such courses exist.

After making changes to UCX-CFG073 you must reparse your blocks to have them take affect. Each cross-listed record is processed by the parser and the rules are altered on the syntax tree – you will not see these changes in Scribe. The DegreeWorks auditor will use the information in UCX-CFG073 when trying to satisfy requirements for a given student.

UCX-KEY:	Len	Description
Course Key (no spaces)	27	The cross-listed Course Key with ALL spaces removed between the Discipline and Course Number followed by ONE SPACE and a 2-digit sequence number that must start with “01” (e.g., “STAT123 01”, STAT123 02”, “STAT123 03”, “PE101 01”, “ANTHRO304 01”).
Reserved	3	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Cross Listed Course Discipline	12	1	Cross-listed Discipline (SubjCode for Banner sites).
Number	12	13	Cross-listed Course Number (CrseNumb for Banner sites).
WITH DW Term Operator	2	25	Optional; >, <, <=, >=, = or <> (usually set to >=)
Cross-listed Term	8	27	Optional; specify the term for this cross-listing (length is 6 for Banner sites).
More terms	32	35	Reserved for future use.
and more	40	67	Reserved for future use.
Note	50	107	Reserved for future use.
Reserved	13	157	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	Reserved for Client use.
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-CFG074 Reused Courses

UCX-CFG074 contains Course Keys that have been reused over the years.

This table is used for two different purposes:

- (1) Banner Equivalent Extract (ban43): If a “Reversal” is found where a NEW Course maps back to an OLD course normally this SCREQIV record would be “skipped” because this is NOT an equivalent as far as DegreeWorks is concerned. However, if a “Reversal” is found the Course Key is looked up in UCX-CFG074. If a match is found then the “Reversal” is NOT skipped. Instead processing continues and equivalent records for the Start/End catalog year range are created.
- (2) The parser when altering the scribed courses to match what you have in equivalent records.

UCX-KEY:	Len	Description
Course Key	24	The Discipline + Course Number with ALL spaces removed (e.g., “ART 101 “ → “ART101”).
Reserved	6	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Note	50	1	Description
Reserved 1	15	51	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	Reserved for Client use.
Client Reserve	30	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-CFG078 Split Courses

UCX-CFG078 contains the Course Keys (Discipline + Course Numbers) that were split into two or more courses. Since split courses cannot be handled in the equivalence table this table is used to tell DegreeWorks how a course was split.

For example, MATH 101 was a 5 credit Algebra class but in 2005 it was split into MATH 112 (2 credits) and MATH 113 (3 credits). The key into this table would then be “MATH101”. The **From Catalog Year** and **To Catalog Year** would be filled in so that students within this range will have their class split; student’s whose catalog year is not within this range will not have their class split. Note, when the student took the course is irrelevant – it is the student’s catalog year that matters as it determines what requirements are scribed. The **Course discipline 1** and **Course number 1** would be filled in with MATH 112. The **Course discipline 2** and **Course number 2** would be filled in with MATH 113.

When a UCX-CFG078 record is found and the student took the class within the specified term range the class will not be looked up in the equivalence table; this table is used in place of the equivalence table for the courses listed.

The credits given to each course listed come from the course-mst. When the sum of these credits is more than the credits earned by the student the credits are reduced to give the student exactly what they earned. Conversely, if the student earned more than the sum of the credits for the courses the first course listed is given more credits to properly indicate the credits earned by the student.

Given the MATH 101 example above, the auditor should apply MATH 101 to the MATH 112 rule and also to the MATH 113 rule. The worksheet will show “MATH 101” as the class that was taken but with the appropriate number of split credits.

UCX-KEY:	Len	Description
Course Key (no spaces)	24	The split Course Key with ALL spaces removed between the Discipline and Course (e.g., “STAT123”, “PE101”, “ANTHRO304”).
Reserved	6	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
From Catalog Year	12	1	Starting student’s catalog year when this class could be taken to be considered for the split.
To Catalog Year	12	13	Ending student’s catalog year when this class could be taken to be considered for the split.
Course discipline 1	12	25	Discipline of 1st course that was a result of the split.
Course number 1	12	37	Number of 1st course that was a result of the split.
Course discipline 2	12	49	Discipline of 2 <sup>nd</sup> course that was a result of the split.
Course number 2	12	61	Number of 2 <sup>nd</sup> course that was a result of the split.
Course discipline 3	12	73	Discipline of 3 <sup>rd</sup> course that was a result of the split.
Course number 3	12	85	Number of 3 <sup>rd</sup> course that was a result of the split.
Course discipline 4	12	97	Discipline of 4 <sup>th</sup> course that was a result of the split.
Course number 4	12	109	Number of 4 <sup>th</sup> course that was a result of the split.
Course discipline 5	12	121	Discipline of 5 <sup>th</sup> course that was a result of the split.
Course number 5	12	133	Number of 5 <sup>th</sup> course that was a result of the split.
Course discipline 6	12	145	Discipline of 6 <sup>th</sup> course that was a result of the split.
Course number 6	12	157	Number of 6th course that was a result of the split.
Reserved	1	169	
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	Reserved for Client use.
Client Reserve	30	172	Reserved for Client use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-RPT036 Audit Report Formats

UCX-RPT036 defines a report format in DegreeWorks. The XSL stylesheet uses these entries to determine various report characteristics.

Report formats prepared by SunGard Higher Education follow a naming convention of "xxx##", where "xxx" is "COM", "DAP", "DBG", "RPT", "TRQ", "WEB"; and "##" is a 2-digit number. Do not modify entries supplied by SunGard Higher Education. To create your own audit reports, copy SunGard Higher Education's entry to a different name of your choosing that does not begin with "COM", "DAP", "DBG", "RPT", "TRQ" or "WEB", e.g. AUD26.

UCX-KEY:	Len	Description
Audit Report	5	The 5-character Report code.
Reserved	25	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Title	30	1	Report Title. This value displays in the report picklist on the web.
XSL Stylesheet	20	31	XSL transformation stylesheet (residing on the web server)
Show Block Remarks	1	51	Show block remarks
Show Block Qualifiers	1	52	Show block qualifiers
Show Block Exceptions	1	52	Show block qualifiers
Show Block Include List	1	53	Show block include lists
Show Block Advice	1	54	Show block advice
Show Rule Remarks	1	55	Show rule remarks
Show Rule Qualifiers	1	56	Show rule qualifiers
Show Rule Exceptions	1	57	Show rule exceptions
Show Rule Advice	1	58	Show rule advice
Show Requirement Text	1	59	Show requirement text
Show Courses Applied	1	60	Show courses applied to rules
Show Fallthrough (Electives)	1	61	Show fallthrough (electives) section
Insufficient (Failed)	1	62	Show insufficient (failed) section
Over the Limit (Not Counted)	1	63	Show over-the-limit (not counted) section
In-Progress	1	64	Show in-progress section
Notes	1	65	Show notes section
Exceptions	1	66	Show exceptions section
Errors	1	67	Show errors section
Show Legend	1	68	Show legend
Show Disclaimer	1	69	Show disclaimer
Show Progress Bar	1	70	Show progress bar
And/Or Advice	1	71	Y = Use "and/or" in the rule advice. N = use plus (+) and comma (,) in the rule advice
Show Prerequisite Indicator	1	72	Show/hide an indicator on the courses in the web advice to show that prerequisite conditions exist
Create Advice Link	1	73	Y = allow the user to click on web course advice to link to more information. This is not available in the Planner Audit
Show Course Keys Only	1	74	Y = show course key only (no title, etc.). N = show course key, title, credits, grade, and term.
Show Student Header	1	75	Show student header
Show Student Alerts	1	76	If they exist, show student alerts
Show in Picklist	1	77	Make this report available in the web picklist
Hide inner-group labels	1	78	The labels for the rules within the groups are hidden.
Hide Subset label	1	79	The subset label is hidden

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Show Nonexclusive Classes Once	1	80	Reserved for future use
Show Split Credits Section	1	81	Classes that were split over blocks show in this section.
Include blocks	1	82	Each block that uses block/blocktype/includeblocks will have a list of the blocks that were included.
Label Advice	1	83	Reserved for future use
Show SS GPA in header	1	84	
Reserved 1	85	85	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Custom	1	171	
Client Reserve	29	172	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

The xsl stylesheet ultimately controls the display of the web reports; these flags are a convenient way to toggle between different report styles and output.

## UCX-RPT046 Custom Report Data

UCX-RPT046 contains one record for each custom data item from the student system to be used in a degree audit report. Institutions wishing to print data on a degree audit report not provided with the standard DegreeWorks software may create Custom Report Data items by adding them to UCX-RPT046.

For example, the military Branch of Service (BRANOFSEV - used in the military degree audits) is not a piece of data that is typically part of a student's degree audit information. However, those schools which use the military degree audits (SOCAD, SOCAF, SOCMAR, SOCNAV) will likely want to print this piece of information (stored somewhere in the student system). In order to construct the requirement, BRANOFSEV must be added as a Custom Report Data item to UCX-RPT046. Custom Report Data items can be used in degree audits. DegreeWorks uses this table to ascertain which pieces of data from the student system should be sent to the Output Engine in addition to the standard academic and biographic data.

For each entry in UCX-RPT046, the Description, Data Element and UCX Table must be entered in the value-area. The rest of the value-area is optional and is typically used only when retrieving data from a detail dataset (where more than one record can exist per student, e.g. degree details or school details). These fields indicate which records from the dataset to use and which to skip. Only records that pass the edits are used as a source of Custom Report Data. For example, if you want only the rad\_school\_dtl that matches the selected school and the active term, then the first Edit Element is school from the rad\_school\_dtl with an Edit Type of SC and the second Edit Element is term from the rad\_school\_dtl with an Edit Type of AT and an Edit Value of "ACTV".

The UCX-SYS999 entry for Edit Element 1, 2, 3 and If-Element MUST contain the correct starting byte position of the data item (UCX-SYS999-Mask) and the correct data length.

Two new element numbers have been created for use in the **UCXD39** report definitions:

- (1) **D913** – Reads the report data element from the audit tree. The key to UCX-RPT046 (e.g., BRANOFSEV, PRIMARYMOS, RANK) must be loaded in the **UCXD39** LITERAL value for element **D913** (maximum 12 bytes). If the dataset being read is a detail, then byte 13 of the **UCXD39** LITERAL may contain an "A" (print All detail records), "L" (print the detail record with the Lowest data value), "H" (print the detail record with the Highest data value) or may be left blank (return the first detail record read).
- (2) **D250** – Prints the report data value on the degree audit report. You may include a UCX table in this element definition if the literal value is desired instead of the data value.

Refer to the "WST2" report definition in **UCXD39** for examples that include report elements **D913** and **D250**.

**NOTE:** You do NOT need to add an entry in UCX-RPT046 for those items in the rad\_report\_dtl as they are handled automatically. **Only** add entries for values located in other tables.

**REMINDER:** To enable your UCX-RPT046 changes make sure to restart the web jobs.

UCX-KEY:	Len	Description
Custom Report Data	12	The name of the Custom Report Data element to be used by DegreeWorks, e.g. BRANOFSEV, RANK, COMMENT, PRIMARYMOS, RELIGION.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Data Element	4	31	Element number from UCX-SYS999 indicating the report data source.
UCX Table	3	35	UCX table number in which this report data element is validated. If the element is not validated in a UCX table (i.e. the data is a date, number, or free-text) then leave UCX Table blank.
Edit Element 1	4	38	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Report Element data should be extracted from this detail. This element number must be from the same dataset as the Report Data Element.
Edit Type 1	2	42	The type of check to do on the data in Edit Element 1. The data is checked against one of the following run-time parameters: AT (academic term, Edit Value 1 can be ACTV for active term), SC (school), HS (home school from UCX-STU350), DG (degree), DI (degree interest), EV or blanks = use the value in Edit Value 1.
Edit Value 1	12	44	The specific data value against which the data in Edit Element 1 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 2	4	56	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Report Element data should be extracted from this detail. This element number must be from the same dataset as the Report Data Element.
Edit Type 2	2	60	The type of check to do on the data in Edit Element 2. The data is checked against one of the following: AT, SC, HS, DG, DI, EV or blanks = use the value in Edit Value 2.
Edit Value 2	12	62	The specific data value against which the data in Edit Element 2 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 3	4	74	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Report Element data should be extracted from this detail. This element number must be from the same dataset as the Report Data Element.
Edit Type 3	2	78	The type of check to do on the data in Edit Element 3. The data is checked against one of the following: AT, SC, HS, DG, DI, EV or blanks = use the value in Edit Value 3.
Edit Value 3	12	80	The specific data value against which the data in Edit Element 3 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Reserved 1	9	92	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR001 Reserved Words

UCX-SCR001 contains one record for each word of the DegreeWorks language. It is used to create drop-down list boxes for the Scribe program.

Except for the Output Flag, this table should not be modified unless instructed to do so by SunGard Higher Education.

UCX-KEY:	Len	Description
Reserved Word	12	DegreeWorks Reserved Word
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Note 1	59	31	Documentation note (helpful to define if nomenclature differences).
Code Length	2	90	This is the length of the Code in the Scribe drop-down list box of valid values for a blocktype, e.g. "06" for COLLEGE.
Literal Length	2	92	This is the length of the Description in the Scribe drop-down list box of valid values for a blocktype, e.g. "30" for COLLEGE.
Output	1	94	Y/N. This flag controls whether or not this rule or block qualifier is included on DegreeWorks audit reports. Y = include on output. N = omit from output.
UCX Reference	3	95	The UCX table against which this reserved word is validated. If the Cross-Reference Table is blank then this reserved word is not validated against any UCX table. If it is filled in, then the UCX table must be valid in UCX-SYS001. For example, the DEGREE reserved word has its values validated in UCX-STU307, but the MINGPA reserved word does not validate its values against any UCX table.
Block	1	98	Y = this reserved word is valid in a BLOCK rule, e.g. 1 BLOCK (MAJOR=PSY) and appears on the Scribe drop-down list box for the BLOCK rule. N = this reserved word is not valid in a BLOCK rule and is not part of the Scribe drop-down list box for the BLOCK rule.
Blocktype	1	99	Y = this reserved word is valid in a BLOCKTYPE rule, e.g. 1 BLOCKTYPE (MAJOR) and appears on the Scribe drop-down list box for the BLOCKTYPE rule. N = this reserved word is not valid in a BLOCKTYPE rule and is not part of the Scribe drop-down list box for the BLOCKTYPE rule.
Enable	1	100	This flag is only used if the Blocktype Flag is "Y". It indicates whether or not the institution uses this kind of data. For example, if this flag is set to "Y" for the MINOR reserved word then the institution will write requirements for minors. If set to "N" for MINOR then the institution does not allow students to choose a minor and no requirements for minors will be written in DegreeWorks. The drop-down list boxes in Scribe for BLOCK and BLOCKTYPE do not include reserved words with the Enable Flag set to "N".
Note 2	40	101	Documentation note (helpful to define web usage).
Reserved	29	141	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR002 Custom Data

UCX-SCR002 contains one record for each data item from the student system to be used in an IF requirement. "Standard" data items are listed in UCX-SCR005 and do not need to be defined in UCX-SCR002. If an institution wants to construct requirements that will necessitate evaluation of data not included in the "standard" then these custom data items must be added to UCX-SCR002 before the requirement can be written.

For example, religion is not a piece of data that is typically part of a degree requirement. However, a school may have a requirement that varies based on the student's religion. In order to construct the requirement, religion must be added as a custom data item to UCX-SCR002. Custom data items can be used in an IF rule in a requirements block. DegreeWorks uses this table to ascertain which pieces of data from the RAD tables should be sent to the Auditor Engine in addition to the standard academic data.

For each entry in UCX-SCR002, the Description, IF-Element, and UCX Table must be entered in the value-area. The rest of the value-area is optional and is typically used only when retrieving data from a detail dataset (where more than one record can exist per student, e.g. transfer courses or test scores). These fields indicate which records from the dataset to use and which to skip. Only records that pass the edits are used as a source of custom data. For example, if you want a test score from the many stored in the database, but you only want the one for test code "GRE" then use test score as the IF-Element, test code as the Edit Element, and "GRE" as the Edit Value.

DO NOT use any Scribe Reserved Word as the beginning of your key into UCX-SCR002. "COLLEGE" or "COLLEGE2" as custom data items will NOT work. The Parser Engine sees "COLLEGE" and then gives an error on "2".

The UCX-SYS999 entry for Edit Element 1, 2, 3 and If-Element MUST contain the correct starting byte position of the data item (UCX-SYS999-Mask) and the correct data length.

Most custom data items are bridged to the rad\_custom\_dtl. The rad\_custom\_code = 'R322' and the rad\_custom\_value = 'R323'. For example, with a "STATUS" bridged to the rad\_custom\_dtl the record displayed below should suffice.

The screenshot shows a web-based configuration window titled "SCR002". At the top, there is a "KEY:" field containing the text "STATUS". Below this is a navigation bar with icons for back, forward, cancel, save, print, and help. A prominent reminder message reads: "REMINDER: To enable your UCX-SCR002 changes be sure to restart the web jobs. When using SSGPA or BannerGPA you do not need an entry here." The main configuration area contains several fields: "Description" with the value "Gened Status"; "Data Element" with the value "R323" and a tooltip "Specify the datum to be used in a Scribe IF statement"; "UCX Table" which is empty; "Edit Element 1" with the value "R322" and a tooltip "If Data is on a detail this element is used as a filter"; "Type" with a dropdown menu showing "EV" and other options "AT / EV / SC / HD / DG / DI / CS"; and "Value" with the value "STATUS" and a tooltip "Use ACTV if Type is AT - 'Active Term'".



For Banner sites, Student Attributes are placed into the rad\_custom\_dtl in DegreeWorks with a custom-code of "ATTRIBUTE" and a custom-value of the attribute code, such as "HONR" for example.

UCX-SCR002 must contain an ATTRIBUTE entry telling DegreeWorks to retrieve all rad\_custom\_dtl ATTRIBUTE records and send them to the auditor.

When running a Financial Aid audit all of the rad-aid-dtl codes and values are pulled into the audit automatically – you do not need to define any UCX-SCR002 records for the rad-aid-dtl items you wish to use in your Scribing.

UCX-KEY:	Len	Description
Custom Data Item	12	The name of the custom data to be used by DegreeWorks, e.g. RELIGION or ROTC.
Reserved 1	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Data Element	4	31	Element number from UCX-SYS999 indicating the data source to be used in a Scribe IF statement.
UCX Table	3	35	Obsolete.
Edit Element 1	4	38	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the If-Element data should be extracted from this detail. This element number must be from the same dataset as the If-Element.
Edit Type 1	2	42	The type of check to do on the data in Edit Element 1. The data is checked against one of the following run-time parameters: AT (academic term, Edit Value 1 can be ACTV for active term), EV or blanks = use the value in Edit Value 1.
Edit Value 1	12	44	The specific data value against which the data in Edit Element 1 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 2	4	56	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the If-Element data should be extracted from this detail. This element number must be from the same dataset as the If-Element.
Edit Type 2	2	60	The type of check to do on the data in Edit Element 2. The data is checked against one of the following: AT, EV or blanks = use the value in Edit Value 2.
Edit Value 2	12	62	The specific data value against which the data in Edit Element 2 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 3	4	74	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the If-Element data should be extracted from this detail. This element number must be from the same dataset as the If-Element.
Edit Type 3	2	78	The type of check to do on the data in Edit Element 3. The data is checked against one of the following: AT, EV or blanks = use the value in Edit Value 3.
Edit Value 3	12	80	The specific data value against which the data in Edit Element 3 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Reserved 1	9	92	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR003 Noncourse Codes

UCX-SCR003 contains one record for each data item from the student information system that DegreeWorks should evaluate against NONCOURSE rules. Typically, noncourse data includes required activities such as thesis, chapel, recital, or proficiency exams. This table is used by Scribe as the basis of the drop-down list box for noncourse codes. The DAPCLSINFO subroutine uses this table to ascertain which pieces of data from the student system should be sent to the Auditor Engine as noncourse data.

For each entry in UCX-SCR003, the Description, Noncourse-Element, and UCX Table must be entered in the value-area. The rest of the value-area is optional and is typically used only when retrieving data from a detail dataset (where more than one record can exist per student, e.g. transfer courses or test scores). These fields indicate which records from the dataset to use and which to skip. Only records that pass the edits are used as a source of custom data. For example, if you want a test score from the many stored in the database, but you only want the one for test code "GRE" then use test score as the Noncourse-Element, test code as the Edit Element, and "GRE" as the Edit Value.

DO NOT use any Scribe Reserved Word as the beginning of your key into UCX-SCR003. "COLLEGE" or "COLLEGE2" as custom data items will NOT work. The Parser Engine sees "COLLEGE" and then gives an error on "2"

The UCX-SYS999 entry for Edit Element 1, 2, 3 and If-Element MUST contain the correct starting byte position of the data item (UCX-SYS999-Mask) and the correct data length.

Each entry in UCX-SCR003 that has an associated UCX table will require a Scribe drop-down list box in order for guided edit mode of Scribe to show the valid list of values when constructing an IF rule. Add the UCX table to DAP02CST.USEDAP as instructed in Special Topic "Adding Noncourse Data Items".

UCX-KEY:	Len	Description
Noncourse Code	12	The name of the noncourse data item to be used by DegreeWorks, e.g. THESIS or ENGTEST.
Reserved 1	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Data Element	4	31	Element number from UCX-SYS999 indicating the data source for a Non Course entry.
UCX Table	3	35	UCX table number in which this element is validated. If the element is not validated in a UCX table (i.e. the data is a date, number, or free-text) then leave UCX Table blank.
Edit Element 1	4	38	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Noncourse-Element should be extracted from this detail. This element number must be from the same dataset as the Noncourse-Element.
Edit Type 1	2	42	The type of check to do on the data in Edit Element 1. The data is checked against one of the following run-time parameters: AT (academic term, Edit Value 1 can be ACTV for active term) EV or blanks = use the value in Edit Value 1.
Edit Value 1	12	44	The specific data value against which the data in Edit Element 1 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 2	4	56	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Noncourse-Element should be extracted from this detail. This element number must be from the same dataset as the Noncourse-Element.
Edit Type 2	2	60	The type of check to do on the data in Edit Element 2. The data is checked against one of the following: AT, EV or blanks = use the value in Edit Value 2.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Edit Value 2	12	62	The specific data value against which the data in Edit Element 2 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 3	4	74	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Noncourse-Element should be extracted from this detail. This element number must be from the same dataset as the Noncourse-Element.
Edit Type 3	2	78	The type of check to do on the data in Edit Element 3. The data is checked against one of the following: AT, EV or blanks = use the value in Edit Value 3.
Edit Value 3	12	80	The specific data value against which the data in Edit Element 3 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Reserved 1	9	92	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR004 Requirement Block Type Codes

UCX-SCR004 contains one record for each DegreeWorks reserved word that is a valid blocktype. A blocktype is the type of requirement block, the primary database tag. This table is used to create the drop-down list box of valid blocktypes.

**This table is constructed by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education to do so.**

UCX-KEY:	Len	Description
Blocktype	12	The DegreeWorks reserved word from UCX-SCR001 that is valid as a requirement blocktype.
Reserved 1	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for Future use.
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR005 Standard Student Data

UCX-SCR005 contains one record for each academic or biographic data item from the student information system that DegreeWorks expects to receive. These data items are "standard" because they are usually part of any student information system and form the basis of typical degree requirements.

**This table is constructed by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education to do so.**

UCX-KEY:	Len	Description
Student Data Item	12	The name of the student data item to be used by DegreeWorks, e.g. DEGREE or CUMGPA.
Reserved 1	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Element	4	31	Not implemented.
Start Byte	2	35	Not implemented.
Length	2	37	Not implemented.
Reserved 1	31	39	Reserved for future use.
Reserved 2	31	70	Reserved for future use.
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR007 Block Parsed Status

UCX-SCR007 contains one record for each parse status code. A parse status code indicates whether or not a requirements block has been parsed by the Parser without errors.

**This table is constructed by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education to do so.**

UCX-KEY:	Len	Description
Parse Status Code	2	The parse status code is one of the following: "NO" = did not parse successfully. Parsed with errors. "OK" = did parse successfully. Parsed without errors.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description of the parse status code.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR008 Note Type Codes

UCX-SCR008 defines the Note Type codes. The note type describes the category of note or the note source. If the Internal Only flag is "Y" then the note is visible only to users with access to *internal only* notes.

UCX-KEY:	Len	Description
Note Type	2	The type of note.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free text description.
Reserved 1	35	31	Reserved for future use.
Reserved 2	34	66	Reserved for future use.
Internal Note	1	100	Y/N. Y = Note is to display on output only if the user class has access to internal-only notes. N = Note is not restricted to internal users. Default = Y
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

**PL** is a special note-type use for Student Planner notes. Only notes with this note-type are used in the Student Planner.



## UCX-SCR009 Note Status Codes

UCX-SCR009 defines the Note Status codes. This status code describes the state of the note, usually either pending or approved. If the Pending Exception Status in UCX-SCR009 is "Y" then the SAVEADVICE subroutine triggers a pending exception. The status of that pending exception is set to the UCX-SCR009 Exception Status. This mechanism lets advisors enter notes that recommend exceptions for the Registrar's subsequent review using the Review Pending function. If the Internal Only flag is "Y" then the note is visible only to users with access to internal-only notes.

UCX-KEY:	Len	Description
Note Status	2	The note status code, usually indicating further action needed.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free text description.
Reserved 1	31	31	Reserved for future use.
Reserved 2	31	62	Reserved for future use.
Reject Status	2	93	Not implemented.
Approve Status	2	95	Not implemented.
Pending Exception Status	2	97	Not implemented.
Pending Exception	1	99	Not implemented.
Internal Note	1	100	Y/N. Y = note is to display on output only if the user class has access to internal-only notes. N = note is not restricted to internal users. Default = Y
Reserved 3	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SCR044 WITH Custom Class Data

UCX-SCR044 defines the custom class data to be used after the WITH reserved word. Each data item must exist in the rad\_class\_dtl.

DegreeWorks predefines certain standard WITH elements that do not need to be defined in UCX-SCR044. The predefined WITH items are: DWTITLE, DWTERM, DWLOCATION, DWGRADE, DWGRADETYPE, DWCREDITS, DWRESIDENT, DWTRANSFER, DWCREDITTYPE, DWPASSFAIL.

Attributes bridged to the rad\_attr\_dtl need a record here, but the Element field should be ATTR (Offset and Length can be 00).

UCX-KEY:	Len	Description
Custom Data Item	12	The name of the custom class data to be used with "WITH".
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Element	4	31	Element number from UCX-SYS999 indicating the WITH data source. The DAPCLSINFO subroutine looks up the data length and data mask in UCX-SYS999, extracts the data and saves it in the WITH buffer for the class.
UCX Table	3	35	UCX table number in which this element is validated. If the element is not validated in a UCX table (i.e. the data is a date, number, or free-text) then leave UCX Table blank.
Offset	2	38	The starting position of the data in the WITH buffer passed by DAPCLSINFO for each class record.
Length	2	40	The length in bytes of the data in the WITH buffer, used by the Auditor Engine and Output Engine when evaluating WITH. Usually the UCX-SCR044 Length is the same as UCX-SYS999 Data Length.
Reserved	9	42	Reserved for future use.
Advice Literal	30	51	The free-text description to be printed as part of the audit advice.
Reserved 1	20	81	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

DegreeWorks looks up UCX-SCR044 WITH Element in UCX-SYS999 to get the data length and data mask of the data to be passed to the Auditor Engine. The data is extracted from the rad\_class\_dtl and placed in the WITH buffer for the class. The location of the data in the WITH buffer is defined by UCX-SCR044 Offset. UCX-SCR044 Length is used by the Auditor Engine when evaluating the WITH class specifier and by the Output Engine when printing class information on an audit report.

# UCX-SCR045 DECIDE Options

UCX-SCR045 defines the DECIDE codes to be used after the DECIDE reserved word in block qualifiers and course rules.

The DECIDE rules may vary by school and college. Therefore, the key allows optional school and college.

UCX-KEY:	Len	Description
DECIDE Code	12	The code to be used with the "DECIDE" keyword on qualifiers and rules.
DECIDE School	12	The school code from UCX-STU350. Leave blank if DECIDE rules are the same for all schools and colleges.
DECIDE College	6	The college code from UCX-STU560. Leave blank if DECIDE rules are the same for all colleges.

UCX-VALUE:	Len	Begins in Byte	Description
Grade Rank	2	1	Priority of the Grade factor, "01" - "09". Default = "01".
Grade Keep	1	3	Keep-Flag of the Grade factor. H = keep the course with the highest grade. L = keep the course with the lowest grade. Default = blank – do not look at the grade.
Term Rank	2	4	Priority of the Term factor, "01" - "09". Default = "02".
Term Keep	1	6	Keep-Flag of the Term factor. H = keep the course with the most recent term. L = keep the course with the oldest term. Default = blank – do not look at the term.
Credits Rank	2	7	Priority of the Credits factor, "01" - "09". Default = "03".
Credits Keep	1	9	Keep-Flag of the Credits factor. H = keep the course with the highest credits. L = keep the course with the lowest credits. Default = blank – do not look at the credits.
Course Number Rank	2	10	Priority of the Course Number factor, "01" - "09". Default = "04".
Course Number Keep	1	12	Keep-Flag of the Course Number factor. H = keep the course with the highest course number. L = keep the course with the lowest course number. Default = blank – do not look a the course number.
Passfail Rank	2	13	Priority of the Passfail factor, "01" - "09". Default = "05".
Passfail Keep	1	15	Keep-Flag of the Passfail factor. Y = keep the Passfail course. N = do not keep the Passfail course. Default = blank – do not look at the passfail status.
Transfer Rank	2	16	Priority of the Transfer factor, "01" - "09". Default = "06".
Transfer Keep	1	18	Keep-Flag of the Transfer factor. Y = keep the Transfer course. N = do not keep the Transfer course. Default = blank – do not look at the transfer flag.
Repeat Rank	2	19	Priority of the Repeat factor, "01" - "09". Default = "07".
Repeat Keep	1	21	Keep-Flag of the Repeat factor. Y = keep the repeated (do-over) course. N = do not keep the repeated (do-over) course. Default = blank – do not look at the repeat flag.
Incomplete Rank	2	22	Priority of the Incomplete factor, "01" - "09". Default = "08".
Incomplete Keep	1	24	Keep-Flag of the Incomplete factor. Y = keep the Incomplete course. N = do not keep the Incomplete course. Default = blank – do not look at the incomplete flag.
In-Progress Rank	2	25	Priority of the In-Progress factor, "01" - "09". Default = "09".
In-Progress Keep	1	27	Keep-Flag of the In-Progress factor. Y = keep the In-Progress course. N = do not keep the In-Progress course. Default = blank – do not look at the in-progress flag.
Decide Obey First	1	28	Not yet implemented.
Decide Other Flags	5	29	Not yet implemented.
Reserved 1	67	34	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

The Auditor Engine, DAP14, subroutine looks up the UCX-SCR045 DECIDE code to determine how it should decide which classes to remove and which to keep when a qualifier's or course rule's maximum has been exceeded. By leaving a flag blank for one of the items in UCX-SCR045 the auditor does not consider this characteristic when deciding which classes to remove. If the GRADE-KEEP flag is set to "H", for example, then the auditor keeps the class that has a higher grade. If the flag is "L" then the auditor keeps the class with a lower grade. If the flag is left blank then the auditor does not consider grades when making the decision. The priority tells the auditor the order in which the characteristics should be checked. If any characteristic does not help the auditor distinguish one class from another then the next characteristic is considered.

# UCX-SHP075 SHP User Update

This table is used to maintain the shp\_fltr\_matchX fields in the shp\_user\_mst for non-student users. Upon modifying this table, the “dapucx2shpuser” script will take the Filters defined for each record and update the shp\_fltr\_matchX records for each shp\_access\_id where the shp\_access\_id = the UCX key. It is possible to update up to 10 filters on the shp\_user\_mst. The Name and User Class do not get updated in the database when dapucx2shpuser runs. It is there for reference-only.

UCX-KEY:	Lng	Descriptionf
shp_access_id	14	shp_user_mst.shp_access_id value. This can be preloaded by using the dapshpuser2ucx script.
Reserved	16	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Filter 1	10	1	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 2	10	11	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 3	10	21	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 4	10	31	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 5	10	41	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 6	10	51	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 7	10	61	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 8	10	71	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 9	10	81	shp_user_mst.shp_fltr_match1 is updated with this value.
Filter 10	10	91	shp_user_mst.shp_fltr_match10 is updated with this value.
Name	50	101	rad_primary_mst.rad_name. This is NOT updated when running dapucx2shpuser.
User Class	4	151	dap_user_mst.dap_user_class. This is NOT updated when running dapucx2shpuser.
Reserved 1	20	155	Reserved for future use.
Reserved 2	26	175	Reserved for future use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SHP076 SHP Services Update

This table is used to maintain the shp\_key\_pattern field in the shp\_service\_mst. Upon modifying this table, the “dapucx2shpservice” script will take the key pattern defined for each record and update the shp\_service\_mst records. This is intended for SunGard Higher Education use only, not for client update.

NOTE: The shp\_hits\_count is reset to 0 when dapucx2shpservice is executed.

UCX-KEY:	Lng	Description
shp_service	12	shp_service_mst.shp_service value.
Reserved	18	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Description	30	1	SHP Service description. shp_service_mst.shp_service_lit is updated with this value.
Key Pattern	50	31	shp_user_mst.key_pattern is updated with this value.
Reserved 1	60	81	Reserved for future use.
Reserved 2	60	141	Reserved for future use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SHP077 SHP Group Update

This table is used to maintain the shp\_key\_list field in the shp\_group\_mst. Upon modifying this table, the “dapucx2shpgroup” script will take the Keys defined for each record and update the shp\_group\_mst.shp\_key\_list for each shp\_group where the shp\_group = the UCX key. It is possible to update up to 2 key records. Each key record must have "Kn" in bytes 11 and 12, like "SRNREG K1" and "SRNREG K2". This is intended for SunGard Higher Education use only, not for client update.

UCX-KEY:	Lng	Description
shp_group	12	shp_group_mst.shp_group. Bytes 11 and 12 can be used as a sequence. The first instance of each group is a description that is read-only, such as "DegreeWorks Student User"
Reserved	18	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Key 1	8	1	shp_group_mst.shp_key_list [1] is updated with this value.
Key 2	8	9	shp_group_mst.shp_key_list [2] is updated with this value.
Key 3	8	17	shp_group_mst.shp_key_list [3] is updated with this value.
Key 4	8	25	shp_group_mst.shp_key_list [4] is updated with this value.
Key 5	8	33	shp_group_mst.shp_key_list [5] is updated with this value.
Key 6	8	41	shp_group_mst.shp_key_list [6] is updated with this value.
Key 7	8	49	shp_group_mst.shp_key_list [7] is updated with this value.
Key 8	8	57	shp_group_mst.shp_key_list [8] is updated with this value.
Key 9	8	65	shp_group_mst.shp_key_list [9] is updated with this value.
Key 10	8	73	shp_group_mst.shp_key_list [10] is updated with this value.
Key 11	8	81	shp_group_mst.shp_key_list [11] is updated with this value.
Key 12	8	89	shp_group_mst.shp_key_list [12] is updated with this value.
Key 13	8	97	shp_group_mst.shp_key_list [13] is updated with this value.
Key 14	8	105	shp_group_mst.shp_key_list [14] is updated with this value.
Key 15	8	113	shp_group_mst.shp_key_list [15] is updated with this value.
Key 16	8	121	shp_group_mst.shp_key_list [16] is updated with this value.
Key 17	8	129	shp_group_mst.shp_key_list [17] is updated with this value.
Key 18	8	137	shp_group_mst.shp_key_list [18] is updated with this value.
Key 19	8	145	shp_group_mst.shp_key_list [19] is updated with this value.
Key 20	8	153	shp_group_mst.shp_key_list [20] is updated with this value.
Key 21	8	161	shp_group_mst.shp_key_list [21] is updated with this value.
Key 22	8	169	shp_group_mst.shp_key_list [22] is updated with this value.
Key 23	8	177	shp_group_mst.shp_key_list [23] is updated with this value.
Key 24	8	185	shp_group_mst.shp_key_list [24] is updated with this value.
Key 25	8	193	shp_group_mst.shp_key_list [25] is updated with this value.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU016 DegreeWorks Term Descriptions

UCX-STU016 maps the student system term to the DegreeWorks catalog year. The term literal may be printed on the audit report.

UCX-KEY:	Len	Description
Term	12	The term code from the student system.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	12	1	Short description. Appears in audit reports and on TreQ Transcript screen.
Reserved	38	13	Reserved for future use.
Catalog Year	12	51	DegreeWorks catalog year. Must be valid on UCX-STU035.
Web Planner	1	63	Y/N. Y = Include in Student Educational Planner picklists, N = Exclude from Student Educational Planner picklists.
Term Type	10	64	SPRING, FALL, etc
Reserved 1	27	74	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



# UCX-STU023 Student Major Codes

UCX-STU023 defines the student Major codes -- the codes that are stored in the RAD student system major fields.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Student Major	12	The major code from the student system, without college, position, or school.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	Free-text description.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU024 Student Minor Codes

UCX-STU024 defines the student Minor codes -- the codes that are stored in the RAD student system minor fields.

UCX-KEY:	Len	Description
Student Minor	12	The minor code from the student system, without college, position, or school.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	50	1	Free-text description.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU035 DegreeWorks Catalog Year

UCX-STU035 defines the valid DegreeWorks catalog year codes. Catalog year is the name of an edition of a course catalog, typically a range of years. Catalog years must be created so that they sort in ascending order, i.e. the last entry in UCX-STU035 should be the latest catalog year.

UCX-KEY:	Len	Description
Catalog Year	12	The Catalog Year.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	Free-text description.
Web Planner	1	31	Y/N. Y = Include in Student Educational Planner picklists, N = Exclude from Student Educational Planner picklists. A blank is treated as a Y.
Web What-If	1	32	Y/N. Y = Include in What-If picklist, N = Exclude from What-If picklist. A blank is treated as a Y
Reserved 1	68	33	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU305 Student Level Codes

This table is used to validate student level codes.

UCX-KEY:	Len	Description
Student Level	2	Student Level Code.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Reserved 1	7	1	Reserved for future use.
Long Description	20	8	The normal length description of the Student Level Code.
Short Description	6	28	The short length description of the Student Level Code.
Reserved 2	67	34	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU306 Student Status Codes

This table is used to validate the Student Status Code. Examples of student status include: continuing student, holdover student, new or first time student, readmitted student, transfer student, withdrawn student, or graduated student.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Student Status	6	Student Status Code.
Reserved	24	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	The normal length description of the student status.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU307 Degree Codes

This table is used to validate the Degree Code. It contains a list of the degrees granted at your institution.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Degree Code	12	Degree Code
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	The normal length description of the Degree Code.
Reserved 1	40	51	Reserved for future use.
Short Description	10	91	Short description of the degree code.
What-if Filter1	12	101	Not implemented.
What-if Filter2	12	113	Not implemented.
What-if Filter3	12	125	Not implemented.
Remedial Mode	1	137	When UCXCFG020 DAP14 “Degree Drives Remedial Mode” flag set to “Y”, this flag is enabled. A: Treat Remedial classes as normal classes. B: Force Remedial classes into over-the-limit.
Reserved 2	32	138	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## Remedial Classes

The Remedial Mode controls whether classes for certain degrees should be forced into over-the-limit. Remedial classes are defined as: any classes with a level under 100. Any classes that have letters in the level are not considered remedial. Examples of Remedial: 099, 95, 009, 45, 5. Examples of Not Remedial: 123, A99, 99A, 5AB, 300. This flag works in conjunction with the UCX-CFG020 DAP14 RemedialMode setting. If that flag is set to “Y,” then remedial class functionality is enabled. If the flag is set to “N,” then remedial class functionality is disabled.

## Example Class Levels

Level	Status
99	Remedial
099	Remedial
5	Remedial
005	Remedial
A99	Not Remedial
99A	Not Remedial
100	Not remedial
100A	Not remedial
A100	Not remedial
ABC	Not remedial
A9C	Not remedial

## UCX-STU0314 Test Codes

This table is used to maintain and validate all test types and scores. Existing codes have been constructed to conform to national standard coding from the testing agencies and should not be altered. Additional Test Codes may be added into this table.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Test Code	12	The Test Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the test.
Reserved 1	40	31	Reserved for future use.
Treq Minimum Score	4	71	A 4-digit minimum score that may be used if the test score reflects credit-by-exam. e.g. Minimum score for "AP Computer Science" is "0003". This field may be left blank.
Credit-by-Exam	1	75	A Y/N flag indicating whether or not the test code represents a credit-by-exam code. Used by TreQ in transfer articulation.
Reserved 2	12	76	Reserved for future use.
Load Test Scheme	1	88	Not implemented.
Error Number	4	89	The error number on UCX-SYS998 associated with the appropriate score edit for this test.
Low Edit	4	93	The lowest value that can be scored on this test. This field must be zero-filled.
High Edit	4	97	The highest value that can be scored on this test. This field must be zero-filled.
Reserved 3	1	101	Denotes whether this test is an undergraduate level exam "U" or a graduate level exam "G".
Reserved 4	68	102	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-STU316 Program Codes

This table is used to validate the Program Code. This code may be used to indicate that the student is involved in a special program (e.g., Honors program, Continuing Ed program).

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Program Code	12	The Program Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	The normal length description of the Program Code.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU323 Specialization Codes

This table is used to validate the Specialization Code.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Specialization	12	The Specialization Code
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the Specialization Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU324 Liberal Learning Codes

This table is used to validate the Liberal Learning Code.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Liberal. Learning Code	12	The Liberal Learning Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the Liberal Learning Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU346 Transfer Calendar

This table is used to define the various academic calendars used by transfer schools. It defines the methodologies required to translate transfer credits into institutional credits. For example, if "Quarter" credits are worth 75 percent (0750) of the actual number of transfer credits, then a 4.000 credit transfer class would only be worth 3.000 credits at the given institution (if a "Quarter" credit method is specified for the transfer class). The conversion percentage is specified in the table along with the credit method literal.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Calendar	2	The Calendar code indicating the academic calendar in use at a transfer school.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The description of the academic calendar.
Convert Number	4	31	A number multiplied against the transfer credits to get equivalent resident credits. Formatted 9v999.
Reserved 1	66	35	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU350 School Code

This table is used to validate the School Code. A common usage of this field is in separating undergraduates from graduates. The degree audits use school to separate classes to apply to an audit, making school a useful field for students who return for subsequent degrees.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
School Code	12	The School Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Reserved 1	3	1	Reserved for future use.
Description	30	4	The normal length description of the School Code.
Reserved 2	67	34	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU351 Division Codes

This table is used to validate the Division Code that is associated with a discipline of study.

UCX-KEY:	Len	Description
Division Code	12	The Division Code.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	The normal length description of the Division Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU352 Discipline Codes

This table is used to validate the Discipline Code. The discipline may be the same as a department of study.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Discipline Code	12	The Discipline Code. The length of the longest discipline code is set in UCX-CFG020 DAP13 DiscLen.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Discipline Description	30	1	The normal length description of the Discipline Code.
New Discipline	12	31	A conversion program translates the old value to this value if the course is not found in UCX-CFG069.
Discipline Status	1	43	BANNER ONLY. I=Inactive; A = Active. Blank = Active. If the discipline status for a given discipline on a current, historic or transfer class is 'I' the class will be SKIPPED and NOT bridged to DegreeWorks by the Banner Student Extract.
Reserved 1	57	44	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU355 Credit Type Codes

This table is used to define the types of credit that can be accumulated by a student. For instance, this code can be used to differentiate between academic credit, transfer credit, credit by exam and other types of credit.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Credit Type	2	The Credit Type Code.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the Credit Type Code.
Reserved 1	1	31	Reserved For future use.
DAP Process	1	32	This Y/N flag indicating whether this Credit Type should be used by the Degree Audit Engine (DAP14) to count toward meeting academic requirements. "Y"=Credit can count toward meeting requirements; "N"=Credit cannot count toward meeting requirements.
Credit By Exam	1	33	This Y/N flag indicates whether this Credit Type reflects credit taken by exam (CLEP, AP, etc.).
SOC Military Credit Type	1	34	Obsolete
Reserved 2	66	35	Reserved For future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-STU356 Grade Type Codes

UCX-STU356 contains the valid codes for grade type. Each class has a grade type that groups grades into broad categories and indicates which type of grade will be given for this class.

This table is also used by TreQ as the source of a picklist.

UCX-KEY:	Len	Description
School	12	The course School Code (UCX-STU350).
Grade Type	2	The course Grade Type Code.
Reserved	16	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Range Code	1	1	Not Implemented [A flag (F, R, or N) used to indicate whether grades associated with this grade type are numeric or letter grades. F = grade is a code and is verified from UCXDW385. R = grade is number within range as defined in UCX-STU385. ]
Reserved 1	1	2	Reserved for future use.
Description	30	3	The normal length description of the Grade Type Code.
Reserved 2	3	33	Reserved for future use.
Audit	1	36	Not Implemented [This is a Y/N flag used to indicate whether this Grade Type is being taken for an AUDIT grade.]
Repeat Policy	1	37	Not Implemented
DAP Process	1	38	Not Implemented [Y = courses with this grade type should be sent to DegreeWorks for inclusion in the audit. N = courses with this grade type should not be sent to DegreeWorks for inclusion in the audit. Default = "Y".]
Reserved 3	62	39	Reserved for future use.
Reserved 4	69	101	Reserved for future use.
Status Flag	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU362 Department Codes

UCX-STU362 defines the valid department codes and maps the department to a division.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Department Code	12	Department Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	Free-text description
Reserved 1	58	31	Reserved for future use.
Division	12	89	Division code (UCX-STU351). Groups departments into divisions.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU379 Previous Schools Degrees

This table is used to validate the student Previous Degree Code. This table differs from UCX-STU307 in that this table contains codes that are valid at transfer schools, while UCX-STU307 should contain degree codes for this institution only.

UCX-KEY:	Len	Description
Previous Degree	12	Previous Degree Code.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	The normal length description of the Previous Degree Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU380 Student Class Status Codes

This table is used to define the various status codes for an individual student's class record. Examples of these statuses are Added, Dropped, and Withdrawn.

## DO NOT MODIFY

UCX-KEY:	Len	Description
Class Status	2	The student Class Status Code. These Keys (A, BK, CA, DA, DE, DR, OW, RC, RP, RT, WL) should not be changed!
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Reserved 1	10	1	Reserved for future use.
Withdraw	1	11	Not Implemented [A Y/N flag which indicates that the Class Status Code is a withdrawal status].
Reserved 2	1	12	Reserved for future use.
Process	1	13	Not Implemented [A flag which is used to indicate what Class Status Codes are used for grade processing (and reporting) purposes. B = Backout, N = Not used in grading process, Y = Normal process, and S = Static grade points.]
Reserved 3	3	14	Reserved for future use.
Short Status Description	4	17	The abbreviated description of the student Class Status Code.
Status Description	20	21	The normal length description of the Class Status Code.
Reserved 4	60	41	Reserved for future use.
Reserved 5	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU382 Previous Schools Majors

This table is used to validate the student Previous Major Code. This table differs from UCX-STU023 in that this table contains codes that are valid at transfer schools, while UCX-STU023 should contain major codes for this institution only.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Prev Major Code	12	Previous Major Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the Previous Major Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU385 RAD Grading Table

This table is used to validate the actual grades that are entered into a student's record. Each entry contains a number of flags that assist programs in processing the grade information. It is necessary to couple the Grade with the School (UCX-STU350) and Grade Type (UCX-STU356) in order to validate the grade.

UCX-KEY:	Len	Description
School Code	12	The School Code (From UCX-STU350).
Grade Type	2	The Grade Type (From UCX-STU356).
Grade	4	The Final Grade.
Reserved	12	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Numeric Grade	4	1	The numeric representation of the grade in the format 9v999. Also grade points assigned to grade. For example, "4000" for an A grade, "3300" for a B+ grade, "2000" for a C grade, etc.
Reserved 1	7	5	Reserved for future use.
Graded Attempted (TreQ Only)	1	12	A flag which indicates whether the credit will be added to the student's total graded credits attempted (Y/N).
Reserved 2	36	13	Reserved for future use.
Reserved 3	35	49	Reserved for future use.
Incomplete (TreQ Only)	1	84	A flag which indicates whether or not the grade is an incomplete grade (Y/N). Default is set to "N".
Reserved 4	2	85	Reserved for future use.
Use in GPA Calculators (Web)	1	87	Y/N flag. Indicates if the Grade should be used in the GPA Calculator. Y = use, N or blank = do not use.
Reserved 5	13	88	Reserved for future use.
Banner Override	1	101	BANNER ONLY. Y/N flag. Used by the Banner Bridge extract for current classes found in SFRSTCR, historical classes found in SHRTCKN and transfer classes found in SHRTRCE. If "Y" and any of the 8 "Override" grade values listed below are NOT blank, the associated standard current/historical/transfer grade value will be overridden on the rad_class_dtl (current/historical classes) or the rad_transfer_dtl (transfer classes).
Override Audit value	1	102	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Audit value is NOT BLANK it will be loaded into the rad_audit_flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Override Insufficient value	1	103	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Insufficient value is NOT BLANK it will be loaded into the rad_insuff_flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Override In-Progress value	1	104	BANNER ONLY. Y/N flag. Used by the Banner Bridge extract for current classes found in SFRSTCR and historical classes found in SHRTCKN. The default In-Progress code for a historical class is 'N'. However, if this flag is set to 'Y' for the School/GradeType/Grade combination then the rad_inprog_flag on the rad_class_dtl will be set to 'Y'. This flag ONLY needs to be set for those special historical classes that for some reason must be considered In-Progress by DegreeWorks.
Override Withdraw value	1	105	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Withdraw value is NOT BLANK it will be loaded into the rad_withdw_flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Override Incomplete value	1	106	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Incomplete value is NOT BLANK it will be loaded into the rad_incomp_flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Override Pass Flag value	1	107	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Pass Flag value is NOT BLANK it will be loaded into the rad_pass_flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).

UCX-VALUE:	Len	Begins in Byte	Description
Override Pass Fail value	1	108	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Pass Fail flag value is NOT BLANK it will be loaded into the rad_pass_fail flag on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Override Final Grade Number value	4	109	BANNER ONLY. If the "Banner Override" flag above is "Y" and this Override Final Grade Number is NOT BLANK it will be loaded into the rad_final_gr_num value on the rad_class_dtl (SFRSTCR/SHRTCKN) or rad_transfer_dtl (SHRTRCE).
Transfer Repeat	1	113	BANNER ONLY. Y/N flag. Used ONLY by the Banner Bridge extract to load a repeat policy for a transfer class found in the Banner SHRTRCE table that has been repeated if a match on the UCX-STU385 key combination (school = SHRTRCE_LEVL_CODE, grade type = SHRTRCE_GMOD_CODE and grade = SHRTRCE_GRDE_CODE) is found in UCX-STU385 for a given transfer class
Transfer Repeat Skip	1	114	BANNER ONLY. Y/N flag. If the Transfer Repeat flag above is "Y" and this Transfer Repeat Skip is a "Y" the transfer class will NOT be loaded into the rad_transfer_dtl.
Transfer Repeat Policy	1	115	BANNER ONLY. If the Transfer Repeat flag above is "Y", the Transfer Repeat Skip above is "N" and this Transfer Repeat Policy is NOT BLANK it will be loaded into the rad_transfer_dtl rad_repeat_pley. The discipline (SHRTRCE_SUBJ_CODE) and course number (SHRTRCE_CRSE_NUM) will be loaded into the rad_repeat_ptr.
Reserved A	54	116	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Custom	1	171	Reserved for Client use. (byte 1 of 30 character Client Reserve)
Client Reserve	29	172	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU398 Transfer Grade Mapping

This table is used to map grades from transfer institutions to grades valid at your institution. A valid school and grade type must also be input on the TreQ transfer records that are to be used in grade processing as these fields are used along with the final grade to lookup the appropriate UCX-STU385 record. The Articulate Flag must be set to “Y” in order for transfer classes with this grade to be articulated in TreQ.

UCX-KEY:	Len	Description
Transfer Grade	4	The grade from the transfer institution.
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Resident Grade	4	1	The grade used in your student system.
Articulate	1	5	Y=this grade is valid for articulation; N=transfer classes with this grade cannot be articulated
Reserved 1	50	6	Reserved for future use.
Reserved 2	45	56	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-STU560 College Codes

This table is used to validate the college code. The college code indicates a particular college within a school, such as Arts and Letters, Science, Engineering, Business, etc.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
College Code	6	College Code
Reserved	24	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the College Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU563 Concentration Codes

This table is used to validate Concentration Codes. A concentration is usually a focused subject area of academic study.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Concentration	12	Concentration Code
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	The normal length description of the Concentration Code.
Reserved 1	50	51	Reserved for future use.
Filter By	12	101	Not Implemented.
Reserved 2	57	113	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-STU564 Degree Interest Codes

This table is used to validate the Degree Interest Code, i.e. the student's interest in seeking a degree. This code indicates the student's degree interest associated with a given school and term. A student could be a non-degree seeking student in one school and a degree-seeking student in another.

UCX-KEY:	Len	Description
Degree Interest	2	Degree Interest Code.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	The normal length description of the Degree Interest Code.
Reserved 1	69	31	Reserved for future use.
Degree Seeking	1	100	This Y/N flag indicates if the code is a degree-seeking code. Y = degree seeking. N = not degree seeking.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-STU576 Location Codes

This table is used to validate the Location Code. The Location Code indicates the location or remote campus of the class.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Location Code	12	The Location Code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The normal length description of the Location Code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS001 Table of Contents

This table lists all the UCX tables and serves as the table of contents for the UCX.

UCX KEY:	Lng	Description
UCX Table	6	UCX table number.
Reserved	24	Reserved for future use.

UCX VALUE:	Lng	Begins in Byte	Description
System	4	1	Obsolete
Description	50	5	Title of UCX table.
Reserved	37	55	Reserved for future use.
Cache Stamp	4	92	It is a 4 digit numeric used internally by ucx81. It should not be changed by the institution.
Large Table	1	96	A Y/N flag indicating that the size of the UCX table is Large. If set to "Y", then SureCode will prompt the user for a partial key value and retrieve only those entries, rather than load the entire table.
Shift Type	1	97	A flag that controls the case of the user's key entry. D = Downshift, U = Upshift, or Blank.
Picklist Return	2	98	Obsolete
Picklist	1	100	Obsolete
Different Layouts	1	101	A Y/N flag that indicates whether or not the table has different record layouts for different key structures. A "Y" indicates that the table has more than one record structure depending on the key. For example, UCX-CFG020 has a different record layout for each key.
Reserved 2	68	102	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS098 Error/Status Messages

## DO NOT MODIFY

UCX-KEY:	Len	Description
Error Number	4	Error Numbers are defined in each DegreeWorks program. The first two digits of the error number indicate the program which created the error message (e.g., "4002" is from dap40). All UCX-SYS098 Error Numbers must be unique.
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Module	5	1	Name of the program/subroutine issuing the error.
What Happened?	80	6	A description of "What Happened".
Action Message	80	86	A message to the user indicating what action should be taken to fix this problem.
Reserved	4	166	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS910 Terminal Types

This table defines the characteristics of each printer used with the software. These characteristics are mapped to a logical device number.

<b>UCX-KEY:</b>	<b>Lng</b>	<b>Description</b>
Device Number	4	Zero-filled Logical Device Number.
Reserved	26	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Lng</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	20	1	Description of the device.
Unix Device Name	20	21	The device name as configured on the host.
Postscript capable	1	41	A Y/N flag indicating whether a printer is postscript capable or not. "Y" = 3.0 capable. "N" = Only PCL is supported.
Print Priority	2	42	A 2-digit print priority number. Must be zero-filled (e.g., "05" for a priority of 5).
Reserved 1	57	44	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS930 UTL55 Socket Settings

This table defines the parameters needed when calling UTL55 to send a socket request across the network.

UCX-KEY:	Lng	Description
Name	30	Name of socket request information.

UCX-VALUE	Lng	Begins in Byte	Description
Server IP Address	16	1	IP Address on which the sockets listener is running.
Server Port	5	17	Sockets port number on which the listener is waiting for requests.
Read Timeout	4	22	Timeout in seconds for a request to come back from the server.
Blocking	1	26	Y/N: Y=run in blocking mode – UTL55 waits forever until something is returned; N=run in non-blocking mode; UTL55 waits the read-timeout number of seconds before giving up on the network read.
Reserved 1	74	27	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-SYS933 Data Names

UCX-SYS933 contains one record for each data item from the RAD/DAP database to be used in a Campus Online script or SHPCFG rule. It provides a convenient way to use easily recognizable and mnemonic codes to access a particular data element. If an institution wants to construct scripts of SHPCFG rules that necessitate evaluation of data from the database then these data names must be added to UCX\_SYS933 before those scripts and rules can be written. For example, special treatment of athletic coaches may require that the SHPCFG grant certain keys to all coaches for access to specialized services. In order to construct the SHPCFG rule, "coach" must be added as a data name to UCX-SYS933. The WEBPARSE subroutine (WEB10) uses this table to ascertain which pieces of data from DegreeWorks should be used in evaluation of the SHPCFG file and Campus Online scripts. (Continued)

UCX-KEY:	Lng	Description
Data Name	12	A code that gives a name to a data element from UCX-SYS999.
Reserved	18	Reserved for future use.

UCX-VALUE	Lng	Begins in Byte	Description
Description	30	1	Free-text description.
Element	04	31	Element number from UCX-SYS999 indicating the data source.
UCX Table	03	35	UCX table number in which this element is validated. If the element is not validated in a UCX table (i.e. the data is a date, number, or free-text) then leave UCX Table blank.
Edit Element 1	04	38	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the data should be extracted from this detail. This element number must be from the same dataset as the Data Element.
Edit Type 1	02	42	The type of check to do on the data in Edit Element 1. The data is checked against one of the following run-time parameters: AT (academic term, Edit Value 1 can be ACTV for active term), SC (school), HS (home school from UCX-STU350), DG (degree), DI (degree interest), CS (class-status, used only with CLASS-CRNT-DTL and CLASS-HIST-DTL), M1 (miscellaneous run-time parameter 1), M2 (miscellaneous run-time parameter 2), M3 (miscellaneous run-time parameter 3), YR (year, not yet implemented), EV or blanks = use the value in Edit Value 1.
Edit Data 1	12	44	The specific data value against which the data in Edit Element 1 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 2	04	56	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Data Element data should be extracted from this detail. This element number must be from the same dataset as the Data Element.
Edit Type 2	02	60	The type of check to do on the data in Edit Element 2. The data is checked against one of the following: AT, SC, HS, DG, DI, CS, M1, M2, M3, YR, EV or blanks = use the value in Edit Value 2.
Edit Data 2	12	62	The specific data value against which the data in Edit Element 2 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".
Edit Element 3	04	74	Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Data Element data should be extracted from this detail. This element number must be from the same dataset as the Data Element.
Edit Type 3	02	78	The type of check to do on the data in Edit Element 3. The data is checked against one of the following: AT, SC, HS, DG, DI, CS, M1, M2, M3, YR, EV or blanks = use the value in Edit Value 3.
Edit Data 3	12	80	The specific data value against which the data in Edit Element 3 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".

UCX-VALUE	Lng	Begins in Byte	Description
Reserved 1	09	92	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

For each entry in UCX-SYS933, the Literal and Data Element must be entered in the UCX-VALUE. The rest of the UCX-VALUE is optional and is typically used only when retrieving data from a detail dataset (where more than one record can exist per student, e.g. transfer courses or test scores). These fields indicate which records from the dataset to use and which to skip. Only records that pass the edits are used as a source of data. For example, if you want a test score from the many stored in the database, but you only want the one for test code "GRE" then use test score (1292) as the Data Element, test code (1291) as the Edit Element, and "GRE" as the Edit Data. If you want only the SCHOOL-DTL that matches the selected school and the active term, then the first Edit Element is school from the SCHOOL-DTL with an Edit Type of SC and the second Edit Element is term from the SCHOOL-DTL with an Edit Type of AT and an Edit Data of "ACTV".

# UCX-SYS935 Web Server Function Buffers

## DO NOT MODIFY THIS TABLE.

UCX-SYS935 contains the layout for buffers used within the Campus Online software. It is used to format the data coming from the web page into a layout specific to the service requested. It is also used to take a formatted buffer and create a name-value pair string. The WEB84 subroutine reads this table and formats a buffer for the caller.

UCX-KEY:	Lng	Description
Buffer	08	Name of buffer to be formatted.
Sequence	03	001-999
Reserved	19	Reserved for future use.

UCX-VALUE	Lng	Begins in Byte	Description
Data Name	12	1	Dataname used in HTML query string
Offset	04	13	Offset in buffer sent to WEB84.
Length	04	17	Maximum length of data in buffer.
Type	04	21	SUPR or blank. "SUPR" = takes all query string items that are "Ennnn" and formats them as SUPRGET criteria. If Multiple Occurrences field is Y then this field contains maximum occurrences.
Description	30	25	Item description.
Shift	01	55	U means upshift the value and D means downshift the value. N means leave as is.
Multiple Records	01	56	Y = Scan for multiple occurrences of this name; maximum occurrences found in Maximum field. R = follow the Record layout
Crypt	01	57	Y = Encrypt value when creating name-value string and decrypt value when pulling from name-value string.
Critical	01	58	Y = Critical item.
Element	04	59	Element number.
Protect	01	63	Y = protect, N = do not protect.
Mark Missing	01	64	Y = Buffer gets marked with ~ for each missing character.; N=missing characters are not marked
Reserved 1	36	65	Reserved for future use.
Reserved 2	69	101	Reserved for Future use.
Status	01	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

This table describes the buffers used by Campus Online programs. Altering this table in any way may prevent Campus Online services from working correctly. Only SunGard Higher Education may alter this table.

Most name-value pairs contain only one occurrence of each name. If a particular name for a buffer is not found in a name-value pair string then the bytes in the calling program's buffer are left unaltered, i.e., they are not space filled. If two names exist in a string then WEB84 finds the first name and ignores the second. The Multiple Records flag may, however, indicate that WEB84 should parse for multiple occurrences of a particular name. The calling program should prepare an array of values to be returned in this case.

The Shift Flag is only used when values are pulled from the name-value pair string to create the formatted buffer. Values can be upshifted, downshifted, or left as-is.

The Crypt flag can force values that are pulled from the name-value pair string to be decrypted - the assumption is that the value is already in the encrypted form. The Crypt flag can also force values to be encrypted when a name-value pair string is created from a formatted buffer.

## UCX-SYS941 SureCode Outlook Bar

This table lists all of the UCX tables that are to be accessed via SureCode. The Outlook Group value is used to organize the tables together by category in SureCode, which are displayed in the outlook bar.

**This table is defined by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education to do so.**

UCX-KEY:	Len	Description
XXXXXXXX###	11	SureCode Outlook Key – Bytes 1-8 specify the service name to which the user must have access to review/modify the table in SureCode. (Example: PSDGWSHP, PSDGWSTD) Bytes 9-11 are a sequence number – used simply to make the key unique. (Example: 001)
Reserved	19	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Outlook Group	30	1	The literal of the Outlook Group. Current values for DegreeWorks include: Audits, Configuration Settings, Reports, Scribe, SHP Data, Student Data, System, and TreQ.
UCX Table	6	31	UCX Table number.
Reserved 1	64	37	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-SYS942 SRN\_COMMAND System Commands

This table is used by the software to interact with the operating system in a portable way. Instead of hard-coding a specific operating system string, programs look up the string in this table using their program ID plus a four character command code and the OS type code. The retrieved string then undergoes parameter substitution before being passed to the operating system for execution.

The software uses this table by way of a subroutine called SRN\_COMMAND (PSK85). The program requesting the operation calls SRN\_COMMAND with the *Command ID* and a buffer of parameter values. SRN\_COMMAND looks up the command from this table and substitutes parameters into the string where it finds parameter placeholders. These are identified by beginning and ending dollar signs (\$), and are in the form *\$offset, length, modifyflag\$*. The *offset* refers to the position of the parameter in the passed parameter buffer, and the *length* to its size in bytes. The *modifyflag* will contain an 'M' if the parameter is a file name that must be localized to the current operating system, or a 'K' if no modification is required. Knowledge of how the parameter buffer is assembled in the calling program is necessary to set these values.

UCX-KEY:	Lng	Description
Program	5	The ID of the program that will be using this command. Validated on UCX-SYS987.
Command ID	4	A code identifying the command within the program. This is programmed into the software.
Operating System	4	A code identifying which operating system the command is for. The valid values are MPE and UNIX.
Reserved	17	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Command	70	1	The command string passed to the operating system.
Command (cont 1)	70	71	The command string passed to the operating system.
Command (cont 2)	29	141	The command string passed to the operating system.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS976 Composite Key Map

## DO NOT MODIFY

New Description: This table is used to define the composite elements that have been created for use by the selection routines. Composite elements are defined in the schema file for each. These composite elements may be subsets of a single element such as the RAD Association Type which has been divided into 10 1-byte fields for selection purposes. These composite elements are also defined in UCX-SYS999 so that they can be used by the selection routine.

UCX-KEY:	Lng	Description
Composite Element	4	A 4-digit composite element number.
Reserved	26	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Item	16	1	The actual data element name (without the ;).
Start	3	17	The starting byte position of the composite element within the actual data element.
Length	3	20	The length of the composite data.
Filler 1	38	23	Reserved for future use.
Group Element 1	4	61	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 2	4	65	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 3	4	69	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 4	4	73	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 5	4	77	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 6	4	81	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 7	4	85	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 8	4	89	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 9	4	93	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Group Element 10	4	97	Describe another composite element that belongs to the same selection grouping. All elements in a group will be searched when one of the elements is selected.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS978 Report Domain

## DO NOT MODIFY

This table is used to define the database domains.

UCX-KEY:	Lng	Description
Domain Key	8	An 8 character code defining the report domain
Reserved	22	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Base Name	8	1	The data base name (with a ;) for the domain.
Dataset Name	16	9	The data set name (with a ;) for the domain.
Search Item	16	25	The IMAGE search item (with a ;) for the domain.
Reserved 1	30	41	Reserved for future use.
Base 1-6	6x5	71,76,81 ...	A table of up to six data bases that may be opened by UTL19 for a given system/program.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-SYS987 Program Titles

This table defines the program title and various program characteristics for every program. For instance, a special job priority different than the system default of "08" may be set for specific programs that maybe need to be launched at a deferred priority. The type of program is also listed. If the program is a report format or processor, then the file length is normally filled out as well.

UCX-KEY:	Lng	Description
Program Name	5	The 5-character Program Name.
Reserved	25	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Description	50	1	Title of the program. This literal appears as part of the headers printed on each page of the report.
Break Point	6	51	Non-Indexed ONLY. Used by the report extracts. Number of records above which a serial read of the data base should be forced, even if a keyed retrieval is possible.
Priority Point	6	57	Non-Indexed ONLY Used by the report extracts. Number of records above which the low priority will be used to launch the job as deferred.
Priority Low	2	63	Non-Indexed ONLY. Used by the report extracts. Deferred priority. Job will be launched by the interface and enter the job queue for deferred processing (usually 01 or 02).
Priority High	2	65	The priority at which a job will be launched from the interface and enter the job queue. It is only required if different than the system default of "08".
Reserved 1	10	67	Reserved for future use.
Offset	4	77	Obsolete
PGM	3	81	Obsolete
Program Type	1	84	The type of program: E = Entry, F = Format, G = Letter Generator, I = Interface, L = Look, P = Processor, S = Subroutine, X = Extract.
File Length	4	85	-Formats and Processors only- The size of the record in the work file for the report or the processor. For Non-Indexed programs, the file length must match the BUILD statements in the jobstream. For Indexed programs, the file length must match the FINAL file size in the Join programs.
Init Type	1	89	U = USER provided, S = SunGard Higher Education provided (same as SHP19M01 security file).
System	3	90	Obsolete
Logfile ID	8	93	-Data Entry only- Name of current MPE user logfile if auditing is on. See the AUDIT subroutine.
Used in Transit	1	101	A Y/N flag indicating whether or not this program is launched using Transit.
Criteria Picklist	8	102	The name of the Transit selection criteria picklist to be used when launching this report or processor.
Sort Picklist	8	110	The name of the Transit sort picklist to be used when launching this report or processor.
Address Picklist	8	118	The name of the Transit address picklist to be used when launching this report or processor.
Question List	8	126	The name of the Transit question list to be used when launching this report or processor.
Format List	8	134	The name of the Transit additional question list to be used when launching this report or processor.
Reserved 2	10	142	Reserved for future use.
Reserved 3	18	152	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-SYS998 System Standard Error Messages

For every error number that can be generated in the software, this table defines the error message associated with that error number. When an error is detected by one of the data entry programs, an error number is generated and the first message that is defined here with that error number is written to the display screen. Thus, only the message that has a Sequence Number of "01" in its UCX-Key can actually be written to the screen. However, additional information regarding an error can be stored in this UCX Table under Sequence Numbers "02"- "99", for the benefit of users who look up the error in the UCX table.

<b>UCX-KEY:</b>	<b>Lng</b>	<b>Description</b>
Error #	4	0001-9999
Sequence #	2	01-99
Reserved	24	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Lng</b>	<b>Begins in Byte</b>	<b>Description</b>
Reserved 1	1	1	Blank.
Type	5	2	"Error" or "Warn ".
Reserved 2	1	7	Blank.
Number	4	8	Same as Error # in key.
Hyphen	3	12	" - "
Message	53	15	Free text message.
Reference	10	68	"Ref UCX###" referral to UCX table for codes.
Bell	1	78	Ctrl-G.
Reserved 3	22	79	Reserved for future use.
Reserved 4	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-SYS999 Data Dictionary

## DO NOT MODIFY

This table documents every data element in the software, including data element number (E#), data base and data set, data length, data type, initial value if any, UCX validation table if any, and IMAGE information, such as the IMAGE item name for the element. Most of the elements listed in UCX-SYS999 are items in a database. However, some elements are "dummy" elements; that is they do not represent one particular database item. Dummy elements are used to represent such things as pieces of a database item or composites of database items.

UCX-KEY:	Lng	Description
Element #	4	An E# in the range of 0001 to 9999 where ranges are based on a DegreeWorks module. Some element numbers may also start with alpha character (with 3 digits following).
Reserved	26	Reserved for future use.

UCX-VALUE:	Lng	Begins in Byte	Description
Base Name	16	1	database (table) name (must end with a ;).
Dataset Name	16	17	data set (column) name (must end with a ;).
Data Element	17	33	Data item name (must end with a ;).
Description	20	50	Free-text description.
Initial Value	12	70	Default value.
Data Type	1	82	"X" = alphanumeric, "9" = numeric.
Data Length	3	83	Number of bytes: 001-999.
UCX Code	6	86	The number of the UCX Table which validates this element (UCXSYS001), if any. This field must contain the UCX table number if you expect to use the WINGSPAN UCX drop-down list box for this element.
UCX Mask	2	92	Starting position of literal in the UCX Table: 01-99. This value must be accurate to ensure that the WINGSPAN UCX drop-down list box displays a meaningful literal for the codes associated with this element.
UCX Length	2	94	Length of literal in the UCX Table: 01-99. This value must be accurate to ensure that the WINGSPAN UCX drop-down list box displays a meaningful literal for the codes associated with this element.
Search Item	1	96	"K" = IMAGE search key, Blank = not a key.
Dataset Type	1	97	"M" = master data set, "D" = detail data set.
Optimize	1	98	A Y/N flag.
Mask	4	99	The starting location of a data element within its table.
Reserved 1	1	103	Reserved for future use.
Edit Type	4	104	Describes how the element should be edited. It is used in limited situations by select programs. Refer to the individual program to determine the appropriate value for this field.
Error Number	4	108	The Error number from UCX-SYS998 that indicates an invalid entry for this element.
Reserved 2	58	112	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-TRQ002 State Codes

This table controls the codes for all states used throughout DegreeWorks. All states are designated by a 2-character uppercase alphabetic code matching the US Postal Service code.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
State Code	2	The 2-character State code.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
State Name	50	1	The normal length description of the State code.
Country	2	51	The Country code (UCX-TRQ020) associated with the State code.
Reserved 1	48	53	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-TRQ014 ETS Type Codes

This table contains codes representing the type of ETS school such as a Community College, Four-Year College, High School, University, etc.

UCX-KEY:	Len	Description
ETS Type	14	The ETS Type code.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	The normal length description of the ETS Type code.
Reserved 1	70	31	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-TRQ020 Country Codes

This table controls the codes for all countries used throughout DegreeWorks.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Country Code	2	The 2-character Country code.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	50	1	The normal length description of the Country code.
Reserved 1	50	51	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-TRQ032 Gender Codes

This table controls the codes for all genders used in the TreQ Student Search window. All genders are designated by a 12-character uppercase alphabetic code.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Gender Code	12	The 12-character Gender code.
Reserved	18	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Reserved 1	2	1	Reserved for the future
Gender Literal	10	3	The description of the gender code.
Reserved 2	44	51	Reserved for future use.
Reserved 3	44	51	Reserved for future use.
Reserved 4	69	101	Reserved for future use.
Status	1	170	Y = Active, N = Inactive, W = Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision code
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.



## UCX-TRQ060 TreQ Favorite Schools

This table is used by TreQ's Mapping function.

The list of favorite transfer schools gives the user an easy way to get at the schools for which mappings are edited most often.

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
School ID	10	School ID from ETS-MST
Reserved	20	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Transfer School Name	30	1	Transfer school name
Calendar Code	2	31	Calendar code from UCX-STU346. For example, if "S" is used in UCX-STU346 to refer to Semester Hours and this school's calendar is on a semester basis then the Calendar Code would be "S".
Reserved 1	68	33	Reserved for future use.
Reserved 2	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

# UCX-TRQ061 TreQ Mapping Conditions

This table is used TreQ when performing an articulation on a transfer student. The condition names point to a data item in the dap\_applicant\_mst, dap\_transfer\_dtl or dap\_college\_dtl.

These condition names are specified in the AsLongAs tab in the TreQ mapping function.

UCX-KEY:	Len	Description
Condition Name	12	Condition name that is placed on the dap_applicant_mst, dap_college_dtl, or dap_transfer_dtl. The condition is used when a student's transfer classes are matched to mappings for the transfer school.
Reserved	18	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	A free text description of Condition Name
Condition Element	4	31	Element number from UCX-SYS999.
UCX Table	3	35	Not Implemented [Table on which the condition element should be validated.]
Edit Element 1	4	38	Not Implemented [Element number from UCX-SYS999 indicating the data field to evaluate when determining if the Element data should be extracted from this detail. If data is on a repeating table this element is used as a filter.]
Edit Type 1	2	42	Not Implemented [The type of check to do on the data in Edit Element 1. Please refer to the table below for valid values.]
Edit Value 1	12	44	Not Implemented [The specific data value against which the data in Edit Element 1 should be checked. The record is skipped if it does not match. If Edit Type is "AT" then Edit Value can be "ACTV". If Edit Type is filled in then Edit Value is not used with the exception of Type "AT" and Value "ACTV".]
Edit Element 2	4	56	Not Implemented
Edit Type 2	2	60	Not Implemented
Edit Value 2	12	62	Not Implemented
Edit Element 3	4	74	Not Implemented
Edit Type 3	2	78	Not Implemented
Edit Value 3	12	80	Not Implemented
Reserved 1	9	92	Reserved for future use
Reserved 2	69	101	Reserved for future use
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

Use of these values is Not Implemented at this time:

<b>Edit Type</b>	<b>Value</b>
Term	AT
School	SC
Home School	HS
Degree	DG
Degree Interest	DI
Class Status	CS
MISC1	M1
MISC2	M2
MISC3	M3
Year	YR
Val	EV

## UCX-TRQ062 Applicant TreQ Status

This table is used by the TreQ software to track an applicant's progress through the transfer articulation process.

**This table is defined by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education to do so.**

UCX-KEY:	Len	Description
TreQ Status	2	The Treq-Status on the dap_applicant_mst. Possible values are AR → Articulated – Resolved NR → Not Resolved RO → Rolled to Student System TR → Transcript Entry
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	The description that appears in TreQ based on the status code.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-TRQ063 Transfer Articulation Status

This table is used by TreQ to track the status of an applicant's transfer class. The status indicates the status of the transfer class after an articulation occurs and after the class has or has not been rolled to the student system.

**This table is defined by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education**

UCX-KEY:	Len	Description
Articulation Status	2	Status of transfer class in the articulation process.
Reserved	28	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	A description of the articulation status.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-TRQ064 Undecided Set Type

TreQ uses this table to track transfer classes that have more than one mapping possibility. This status is stored in the dap\_undecide\_dtl.

**This table is defined by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education**

<b>UCX-KEY:</b>	<b>Len</b>	<b>Description</b>
Set Type	2	Set type stored in the dap_undecide_dtl.
Reserved	28	Reserved for future use.

<b>UCX-VALUE:</b>	<b>Len</b>	<b>Begins in Byte</b>	<b>Description</b>
Description	30	1	The set type description.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

## UCX-TRQ065 Transfer Articulation Codes

This table is used by TreQ to track how the transfer course was articulated or how mappings should be articulated. For example, 1TO1 is one-to-one mapping which will articulate one transfer course to one native course.

**This table is defined by SunGard Higher Education and should not be modified unless instructed by SunGard Higher Education**

UCX-KEY:	Len	Description
Articulation Code	4	Code indicating how the transfer course was articulated by TreQ.
Reserved	26	Reserved for future use.

UCX-VALUE:	Len	Begins in Byte	Description
Description	30	1	A description of the articulation code.
Reserved 1	35	31	Reserved for future use.
Reserved 2	35	66	Reserved for future use.
Reserved 3	69	101	Reserved for future use.
Status	1	170	Y=Active, N=Inactive, W=Issue Warning message for override.
Client Reserve	30	171	Reserved for Client use.
Revision	6	201	Revision Code.
Who	8	207	User who last updated this record.
TimeStamp	6	215	CHRONOS stamp of last update.

**TreQ uses the following articulation codes.**

1TO1	One-to-one
1TOM	One-to-many
2LOW	Grade/score not acceptable
ACYR	Applicant catalog year invalidates mapping
CCYR	Class catalog year invalidates mapping
COND	As-long-as condition not met
CRMN	Credit minimum not met
CRMX	Credit maximum not met
GRMN	Grade minimum not met
GRMX	Grade maximum not met
MTO1	Many-to-one
MTOM	Many-to-many
NOMP	No mapping found
NONE	No articulation
SRMN	Minimum test score not met
SRMX	Maximum test score not met
YAGO	Class outside of year-ago restriction