

International Baccalaureate (IB)

International Baccalaureate Diploma and individual courses and scores can be encoded in DARS and displayed in Transferology. In the examples below, the Examination is used as the course and the score as the grade. This method of encoding can be used when the articulated target course is the same for successful scores of 4-7.

MnSCU Policy and Procedure 3.16.1, International Baccalaureate Credit, is found at: <http://www.mnscu.edu/board/policy/index.html>.

Students successfully completing an IB Diploma are awarded 6 credits (lower division) for scores of 4 or higher on Higher Level exams, and 2 credits (lower division) for scores of 4 or higher on Standard Level examinations.

Students successfully completing individual IB examinations (but not the complete Diploma) for scores of 4 or higher shall receive 3 or more credits on Higher Level exams, and 2 credits or more credits for scores of 4 or higher on Standard Level examinations.

Encode International Baccalaureate equivalencies based on your institution's IB policy.

Encoding occurs in four tables:

- Transfer Articulation
- Source IREF
- Target IREF
- Student Academic Record

NOTE: International Baccalaureate in DARS is not a FICE institution. It will not export to ISRS. If you are using the Export process to populate the Education tab for students in ISRS, you must manually enter the accepted course and credit

Transfer Articulation Table

DP Mask	FYT	Segment
1	2007 3	0AWARD
2	2007 3	ARTS
3	2007 3	ESSAY
4	2007 3	EXPSCI
5	2007 3	LANG I
6	2007 3	LANG II
7	2007 3	MTHCSCI
8	2007 3	SOCSCI
9	2007 3	TOK
10	2007 3	ZZZZ

Processing Rule

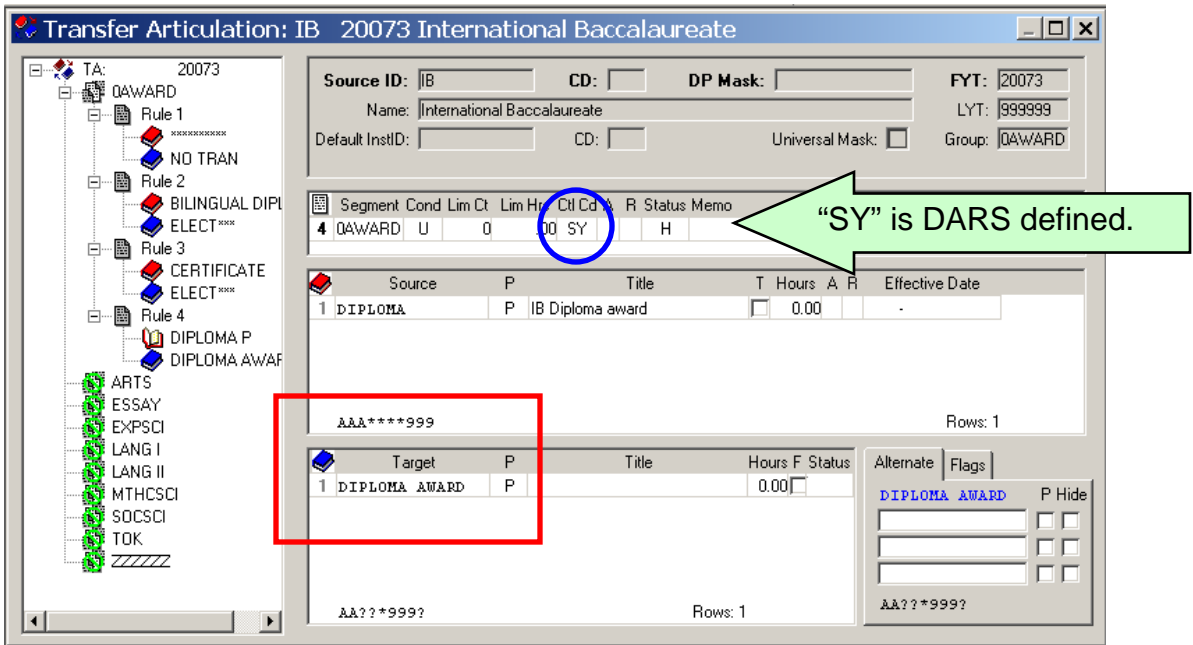
Students who attain an International Baccalaureate Diploma receive higher credit awards than students who attain an Individual International Baccalaureate Course award. Setting a System Condition and creating a pseudo Target course allows different credit awards based on the special situation, or condition, of the Diploma award.

The system condition code testing for an IB Diploma is assigned in the processing segment “AWARDS”.

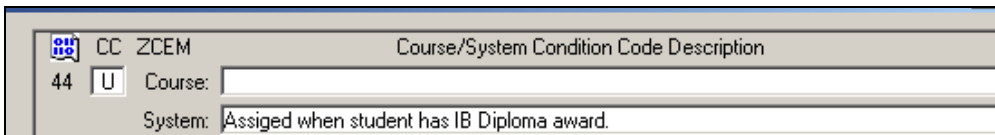
Note: To insure the processing of AWARDS before ARTS, a zero is inserted before “AWARDS”. Thus, the first segment is “0AWARDS”.

In our rule below, the DARS system condition code (Ctl Cd < **SY** >) assigns the user defined Cond < **U** > when the pseudo course DIPLOMA is passed in from the student.

The Source course is “DIPLOMA” and the Target course is “DIPLOMA AWARD”. Both are < **P** > pseudo courses.



Remember to add the System Condition code to your Condition Descriptions table.



Articulation Rule

International Baccalaureate Source Segment and Courses as identified by CollegeSource will show in Transferology. The Course rule for each exam includes the unique Source identifier and title.

Note: A complete list of IB source courses and titles is found at: http://www.dars.mntransfer.org/updates/documents/pdf/IB_titles.pdf

Once the system condition code of < U > is assigned in the processing rule (above), then the TA rules following can test for this condition code. Testing for the Accept or Reject condition code of < U > requires the DARS defined Ctl Cd of < ST >.

In the example below, the < **ST** > value accepts the system condition code of < **U** > and articulates to the Target course of MUSC1023. The course is forced to 6 hours.

Transfer Articulation: IB 000000 International Baccalaureate

Source ID: IB CD: DP Mask: FYT: 000000
 Name: International Baccalaureate LYT: 999999
 Default InstID: CD: Universal Mask: Group: ARTS

Segment	Cond	Lim Ct	Lim Hrs	Ct Cd	A	R	Status	Memo
1	ARTS		0	.00	ST	U	H	Diploma award

Source	P	Title	T	Hours	A	R	Effective Date
1	ARTS 001	Music Higher Level		0.00			-

Target	P	Title	Hours	F	Status
1	MUSC1023		6.00	<input checked="" type="checkbox"/>	

AAA****999 Rows: 1

AA??*999? Rows: 1

Alternate Flags
 MUSC1023 P Hide
 AA??*999?

The following rule, without the condition code < **U** > will award 3 credits (forced).

Transfer Articulation: IB 000000 International Baccalaureate

Source ID: IB CD: DP Mask: FYT: 000000
 Name: International Baccalaureate LYT: 999999
 Default InstID: CD: Universal Mask: Group: ARTS

Segment	Cond	Lim Ct	Lim Hrs	Ct Cd	A	R	Status	Memo
2	ARTS		0	.00			H	Individual course award

Source	P	Title	T	Hours	A	R	Effective Date
1	ARTS 001	Music Higher Level		0.00			-

Target	P	Title	Hours	F	Status
1	ELECT***		3.00	<input checked="" type="checkbox"/>	

AAA****999 Rows: 1

AA??*999? Rows: 1

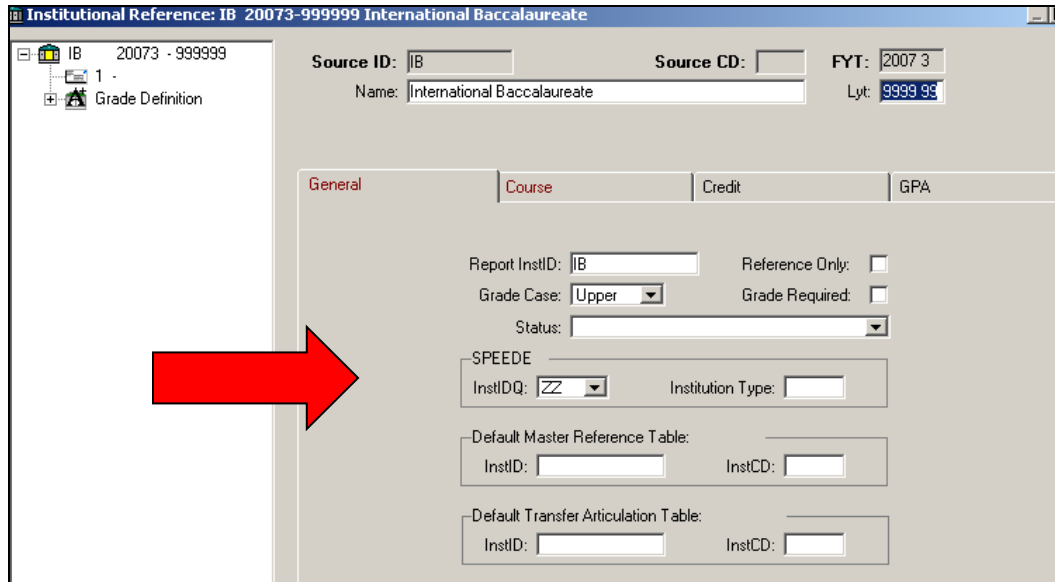
Alternate Flags
 ELECT*** P Hide
 AA??*999?

For each IB examination, create a rule for the Diploma award, and a rule for the Individual course award. Note the two rule types in the Memo area. The rule for the diploma rule should process before the rule for the individual course.

Source Institutional Reference Table

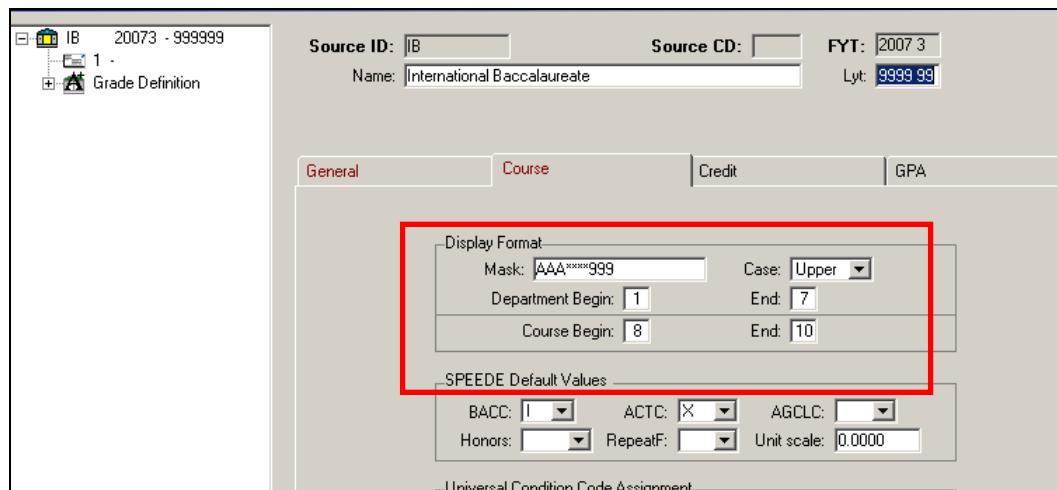
Identify the source for International Baccalaureate on the General tab of the Institutional Reference Table. The SourceID must be < **IB** > (this is not FICE defined), the Report InstID is a unique identifier, and the SPEEDE InstIDQ is set to < **ZZ** > (Other).

Status set to “Normal Processing”, or blank, to display in Transferology.



The screenshot shows the 'General' tab of the Institutional Reference Table for 'International Baccalaureate'. The Source ID is 'IB', Source CD is blank, and FYT is '2007 3'. The Name is 'International Baccalaureate' and Lyt is '9999 99'. The Report InstID is 'IB', Reference Only is unchecked, Grade Case is 'Upper', and Grade Required is unchecked. The Status is blank. The SPEEDE InstIDQ is 'ZZ' and Institution Type is blank. The Default Master Reference Table and Default Transfer Articulation Table fields are also blank. A red arrow points to the SPEEDE InstIDQ field.

Course tab values: Mask of < **AAA****999** >, Department Begin < **1** >, Department End < **7** >, Course Begin < **8** >, Course End < **10** >. Set the BACC value to < **I** > International Baccalaureate Program, and ACTC to < **X** > Other.



The screenshot shows the 'Course' tab of the Institutional Reference Table for 'International Baccalaureate'. The Source ID is 'IB', Source CD is blank, and FYT is '2007 3'. The Name is 'International Baccalaureate' and Lyt is '9999 99'. The Display Format section is highlighted with a red box and contains: Mask: 'AAA****999', Case: 'Upper', Department Begin: '1', End: '7', Course Begin: '8', and End: '10'. The SPEEDE Default Values section contains: BACC: 'I', ACTC: 'X', AGCLC: blank, Honors: blank, RepeatF: blank, and Unit scale: '0.0000'. The Universal Condition Code Assignment field is blank.

IB Diploma Programme candidates are required to study six subjects. At least three and not more than four of the six subjects are taken at the higher level (HL); others at the standard level (SL). Each subject is graded on a scale of 1 (lowest) to 7 (highest). The awarding of a diploma requires students to meet

three additional requirements. The theory of knowledge (TOK), extended essay (EE), and participation in creativity, action, and service (CAS). Grades and performance indicators must be identified on the Source Grade Definition table.

Grades on a student's IB transcript reflecting performance in individual subjects, are scored on a number scale of **1 – 7**; **1 = Very poor**, **2 = Poor**, **3 = Mediocre**, **4 = Satisfactory**, **5 = Good**, **6 = Very Good**, and **7 = Excellent**. Students completing the Diploma Programme have additional measurements. The theory of knowledge (TOK) and extended essay (EE), required for an IB Diploma, are graded on a letter **A – N** scale; **A = Excellent**, **B = Good**, **C = Satisfactory**, **D = Mediocre**, **E = Elementary**, and **N = No grade**.

Source Grade Definition table identifies the number grades and letter grades for IB. The U-to-I box is checked with number grades **< 1 >** through **< 7 >**. The Universal Grade symbols are defined as **IB1, IB2, IB3, IB4, IB5, IB6, and IB7**.

The unsuccessful scores of **< 1 >** through **< 3 >**, with universal grade symbols of IB1, IB2, and IB3, have a Ct of **< 0 >**, zero.

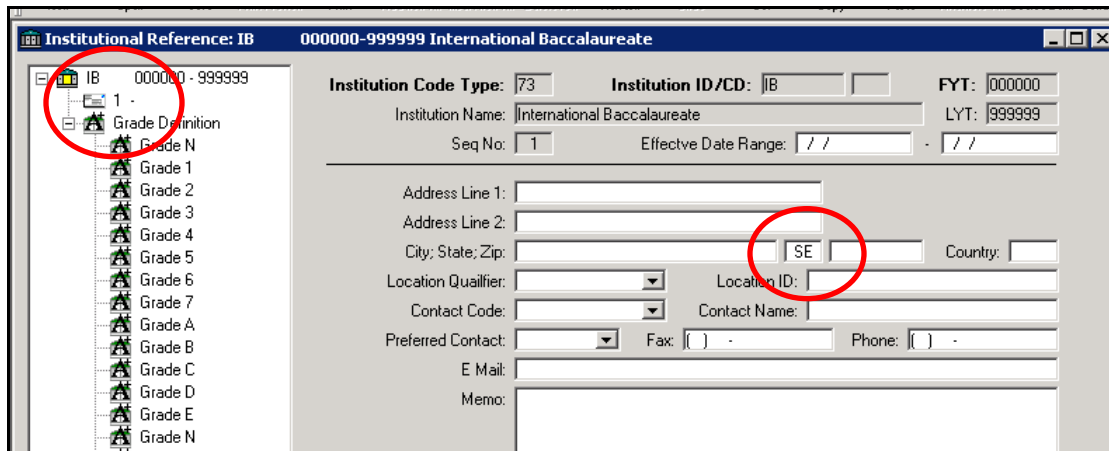
The successful scores of **< 4 >** through **< 7 >**, with universal grade symbols of IB4, IB5, IB6, and IB7, have a Ct of **< 1 >**.

Each IB number grade has a Universal Condition Code (UC1) as well.

The A-N letter grades are interpreted with the universal grade symbol associated with them: **A = UGrd 4.0**, **B = UGrd 3.0**, **C = UGrd 2.0**, **D = UGrd 1.0**, **E = UGrd 0.7**, **N = UGrd 0.0**.

IB	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Crdt	Ct	C	C2	UC1	UC2	Yr	Trm	Range
1	Grade	<input checked="" type="checkbox"/>	1			<input type="checkbox"/>	IB1			.000	N	N	0			IB1				-
2	Grade	<input checked="" type="checkbox"/>	2			<input type="checkbox"/>	IB2			.000	N	N	0			IB2				-
3	Grade	<input checked="" type="checkbox"/>	3			<input type="checkbox"/>	IB3			.000	N	N	0			IB3				-
4	Grade	<input checked="" type="checkbox"/>	4			<input type="checkbox"/>	IB4			.000	N	Y	1			IB4				-
5	Grade	<input checked="" type="checkbox"/>	5			<input type="checkbox"/>	IB5			.000	N	Y	1			IB5				-
6	Grade	<input checked="" type="checkbox"/>	6			<input type="checkbox"/>	IB6			.000	N	Y	1			IB6				-
7	Grade	<input checked="" type="checkbox"/>	7			<input type="checkbox"/>	IB7			.000	N	Y	1			IB7				-
8	Grade	<input checked="" type="checkbox"/>	A			<input type="checkbox"/>	4.0			4.000	Y	Y	1							-
9	Grade	<input checked="" type="checkbox"/>	B			<input type="checkbox"/>	3.0			3.000	Y	Y	1							-
10	Grade	<input checked="" type="checkbox"/>	C			<input type="checkbox"/>	2.0			2.000	Y	Y	1							-
11	Grade	<input checked="" type="checkbox"/>	D			<input type="checkbox"/>	1.0			1.000	Y	Y	X							-
12	Grade	<input checked="" type="checkbox"/>	E			<input type="checkbox"/>	0.7			.670	Y	N	0							-
13	Grade	<input checked="" type="checkbox"/>	N			<input type="checkbox"/>	0.0			.000	N	N	0							-
14	Grade	<input checked="" type="checkbox"/>	#			<input type="checkbox"/>	513			.000	N	N	0							-
15	Grade	<input checked="" type="checkbox"/>	*			<input type="checkbox"/>	UNKN			.000	N	N	0							-

The last step for the Source institutional reference table is to add the State Abbreviation on the Address Record of **< SE >**.



Target Institutional Reference Table

Add IB number grades to your Target Master Institutional Reference Grade Table. The Universal Grade symbols of **IB1**, **IB2**, and **IB3** are assigned the grade **NTR**. These unsuccessful grades have a Count of **< 0 >**, zero.

Universal Grades of **IB4**, **IB5**, **IB6** and **IB7** have grades of **T4**, **T5**, **T6** and **T7**. These successful grades have a Count of **< 1 >**.

Two Grade lines interpret each IB Universal Grade for the examinations. The earlier Diploma test (page 3) uses an ACU test of **S:U** to determine an articulation rule. An articulation without the ACU test of S:U processes for the Individual course award.

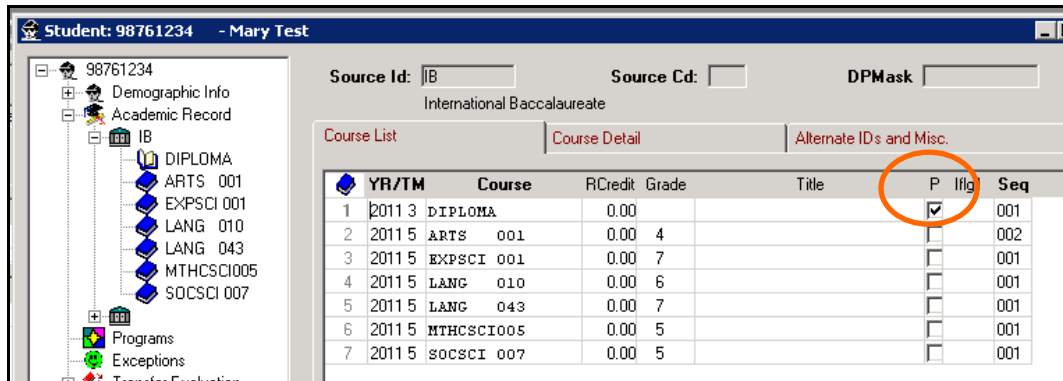
	Type	IU	Grade	A	B	U	U	U	Acu	Bcu	GPA	Calc	Crdt	Ct	C1	C2	UC1	UC2	Yr	Trm	Range
6	Condition	<input type="checkbox"/>	NTF	<input checked="" type="checkbox"/>	T:Y						.000	N	N	0	F						
7	Condition	<input type="checkbox"/>	NTR	<input checked="" type="checkbox"/>	IB1						.000			0	F						
8	Condition	<input type="checkbox"/>	NTR	<input checked="" type="checkbox"/>	IB2						.000			0	F						
9	Condition	<input type="checkbox"/>	NTR	<input checked="" type="checkbox"/>	IB3						.000			0	F						
10	Condition	<input type="checkbox"/>	T4	<input checked="" type="checkbox"/>	IB4	S:U					.000			1							
11	Condition	<input type="checkbox"/>	T4	<input checked="" type="checkbox"/>	IB4						.000			1							
12	Condition	<input type="checkbox"/>	T5	<input checked="" type="checkbox"/>	IB5	S:U					.000			1							
13	Condition	<input type="checkbox"/>	T5	<input checked="" type="checkbox"/>	IB5						.000			1							
14	Condition	<input type="checkbox"/>	T6	<input checked="" type="checkbox"/>	IB6	S:U					.000			1							
15	Condition	<input type="checkbox"/>	T6	<input checked="" type="checkbox"/>	IB6						.000			1							
16	Condition	<input type="checkbox"/>	T7	<input checked="" type="checkbox"/>	IB7	S:U					.000			1							
17	Condition	<input type="checkbox"/>	T5	<input checked="" type="checkbox"/>	IB7						.000			1							

Student Academic Record

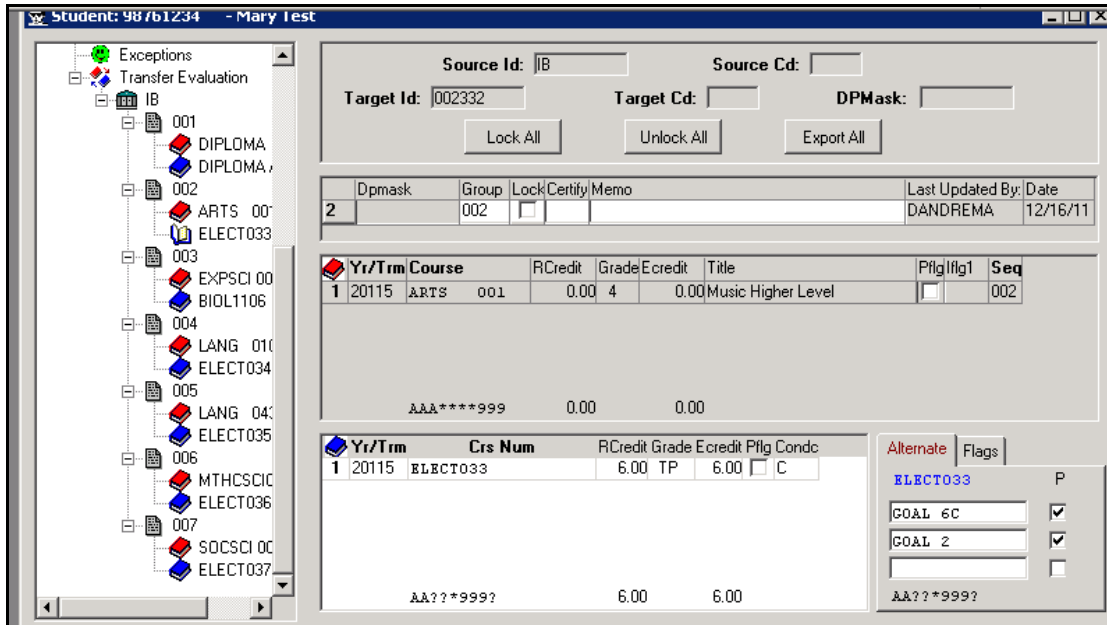
In the example below, the student has completed the IB Diploma. Three examinations (Music HL, Biology HL, and Geography HL) were successfully completed at the Higher Level, and three (Math Methods SL, Arabic B SL, and English A1 SL) were completed at the standard level.

To allow DARS to know that the student has the IB Diploma, a pseudo-course is added to the academic record. The value chosen for the pseudo-course was

defined in the Source Processing Rule (page 3). Note that the pseudo course has the Pseudo course flag checked. The Grade for each examination is the score of the IB examination. The RCredit is zero on the student academic record. Credits for IB courses are forced through the TA rules.



ARTS 001, Music Higher Level, with Diploma, articulated to 6 credits of ELECT033.



EXPSCI 001, Biology HL, with Diploma, articulated to 6 credits of BIOL1106.

Source Id: IB Source Cd:
 Target Id: 002332 Target Cd: DPMask:
 Lock All Unlock All Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
3	003	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	12/16/11

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg/flg1	Seq
1	20115 EXPSCI 001	0.00	7	0.00	Biology Higher Level	<input type="checkbox"/>	001

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20115 BIOL1106	6.00	TP	6.00	<input type="checkbox"/>	C

Alternate Flags
 BIOL1106 P
 GOAL 2
 AA??*999?

LANG 010, Arabic B, SL, with Diploma, articulated to 2 credits of ELECT039.

Student: 98761234 - Mary Test

Source Id: IB Source Cd:
 Target Id: 002332 Target Cd: DPMask:
 Lock All Unlock All Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
4	004	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	12/16/11

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg/flg1	Seq
1	20115 LANG 010	0.00	6	0.00	Arabic B Standard Level	<input type="checkbox"/>	001

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20115 ELECT039	2.00	TP	2.00	<input type="checkbox"/>	C

Alternate Flags
 ELECT039 P
 GOAL 8
 GOAL 2
 AA??*999?

LANG 043, English A1, SL, with Diploma, articulated to 2 credits of ENGL1121

When the same courses are added to the student academic record, but without the DIPLOMA pseudo-course, the articulation reflects the Individual IB rules.

ARTS 001, Music Higher Level, reported as an Individual exam, articulated to 3 credits of MUSC1035.

MTHCSCI001, Computer Science Higher Level, reported as an Individual exam, articulated to 3 credits of MATH1025.

Target Id: 999999 Target Cd: DPMask: Lock All Unlock All Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
2	002	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	01/14/09

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg/flg1	Seq
1	20083 MTHCSCI001	0.00	6	0.00	Computer Sci HL score of 4-7	<input type="checkbox"/>	001
AAA****999		0.00		0.00			

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20083 MATH1025	3.00	T6	3.00	<input type="checkbox"/>	
AA??9999		3.00		3.00		

Alternate Flags
MATH1025 P

AA??9999

SOCSCI 001, Sociology and Cultural Anthropology Higher Level, reported as an Individual exam, articulated to 3 credits of SOC 2828.

Source Id: IB Source Cd: Target Id: 999999 Target Cd: DPMask: Lock All Unlock All Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
3	003	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	01/14/09

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg/flg1	Seq
1	20083 socsci 001	0.00	5	0.00	Soc/Cultural Anth HL scr 4-7	<input type="checkbox"/>	001
AAA****999		0.00		0.00			

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20083 soc 2828	3.00	T5	3.00	<input type="checkbox"/>	
AA??9999		3.00		3.00		

Alternate Flags
SOC 2828 P

AA??9999

Non-acceptable IB scores

The Transfer Articulation table is incomplete until you create a rule for the unacceptable IB scores of 1, 2, and 3.

On the Target Institutional Reference Table, the user defined condition code of "F" is assigned to the (unacceptable) universal grades of IB1, IB2, and IB3.

	Type	IU	Grade	A	R	UI	UGrd	Acu	Rcu	GPA	Calc	Ct	C1	C2	UC1	C2	Yr	Trm	Range
7	Condition	<input type="checkbox"/>	NTR			<input checked="" type="checkbox"/>	IB1			.000		0	F						-
8	Condition	<input type="checkbox"/>	NTR			<input checked="" type="checkbox"/>	IB2			.000		0	F						-
9	Condition	<input type="checkbox"/>	NTR			<input checked="" type="checkbox"/>	IB3			.000		0	F						-
10	Condition	<input type="checkbox"/>	T4			<input checked="" type="checkbox"/>	IB4	S:U		.000		1							-
11	Condition	<input type="checkbox"/>	T4			<input checked="" type="checkbox"/>	IB4			.000		1							-
12	Condition	<input type="checkbox"/>	T5			<input checked="" type="checkbox"/>	IB5	S:U		.000		1							-
13	Condition	<input type="checkbox"/>	T5			<input checked="" type="checkbox"/>	IB5			.000		1							-
14	Condition	<input type="checkbox"/>	T6			<input checked="" type="checkbox"/>	IB6	S:U		.000		1							-
15	Condition	<input type="checkbox"/>	T6			<input checked="" type="checkbox"/>	IB6			.000		1							-

On the TA Table, the first rule collects any courses with the “F” condition code.

The IB transfer articulation table accommodates examination scores of 1, 2, or 3 articulate to the target course of “NO TRANS”. The course title is used to notify the student that the scores of 1-3 are below the minimum acceptable score.

Transfer Articulation: IB 20073 International Baccalaureate

Source ID: IB CD: DP Mask: FYT: 20073
 Name: International Baccalaureate LYT: 999999
 Default InstID: CD: Universal Mask: Group: QAWARD

Segment	Cond	Lim Ct	Lim Hrs	Ct Cd	A	R	Status	Memo
1	QAWARD	0	.00	F		H		

Source	P	Title	T	Hours	A	R	Effective Date
1	*****			0.00			-

AAA****999 Rows: 1

Target	P	Title	Hours	F	Status	Alternate	Flags
1	NO TRANS	Scores 1-3 are below minimum	3.00	<input checked="" type="checkbox"/>		NO TRANS	P Hide

Audit appearance

In the TRLOOKUP requirement below, the audit below shows the credit awards for the student with an IB Diploma.

```

* International Baccalaureate
  Abbreviated on report as: IB
  Courses Taken From F 2007 to F 2007
  F 07 MATH1000    6.00 T6    Computer Sci HL score of 4-7
                  IB      : MTHCSCI001
  F 07 MUSC1035   6.00 T4    Music HL score of 4-7
                  IB      : ARTS 001
  F 07 NO TRANS   0.00 NT2   Scores 1-3 are below minimum
                  IB      : ARTS 004
  F 07 SOC 2828   6.00 T5    Soc/Cultural Anth HL scr 4-7
                  IB      : SOCSCI 001
  
```

In the TRLOOKUP requirement below, the audit shows the credit awards for the student with Individual IB exams.

* International Baccalaureate		
Abbreviated on report as: IB		
Courses Taken From F 2007 to F 2007		
F 07 MATH1025	3.00 T6	Computer Sci HL score of 4-7 IB : MTHCSCI001
F 07 MUSC1035	3.00 T4	Music HL score of 4-7 IB : ARTS 001
F 07 NO TRANS	0.00 NT2	Scores 1-3 are below minimum IB : ARTS 004
F 07 SOC 2828	3.00 T5	Soc/Cultural Anth HL scr 4-7 IB : SOCSCI 001

Transferology

Select Courses, then Standardized Exams. Click the Plus sign to Add the selected course to the My Courses area.

The screenshot shows the Transferology website interface. At the top, there is a navigation bar with the logo and several utility links: "Will My Courses Transfer?", "Find a Replacement Course", "Courses (2)", "% Matches (0)", "Favorites (2)", and "Programs (21)". Below the navigation bar, there is a main content area with a header "Courses" and a sub-header "This page allows you to see how your courses will transfer to another school. Don't want to transfer? Transferology can also find a replacement course that you can take elsewhere for credit at your institution." There are three tabs: "Courses", "Standardized Exams", and "Military Credits". The "Standardized Exams" tab is active. Below the tabs, there are input fields for "Exam" (International Baccalaureate (IB)), "Year" (2015), and "Department" (SOCSCI - IB-Social Science). Below these fields is a table with columns "Course", "Title", and "Hours". The table contains three rows: SOCSCI001 (Soc/Cultural Anth Higher Lvl, 0 hours), SOCSCI002 (Soc/Cultural Anth Std Lvl, 0 hours), and SOCSCI003 (Bus/Management Higher Lvl, 0 hours). Each row has a plus sign icon in the "Hours" column. To the right of the table is a "My Courses" section with a search bar and a table with columns "Course", "Title", and "Year". The table contains two rows: SOCSCI001 (Soc/Cultural Anth Higher Lvl, 2015) and MTHCSCI001 (Computer Science Higher Lvl, 2015). Below the "My Courses" section is a "My Import Requests" section.

Revised: 5/12/2015