

International Baccalaureate (IB)

International Baccalaureate Diploma and individual courses and scores can be encoded in DARS and displayed in u.select. 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.

- If your institution awards the same credit and course for successful diploma and individual examinations with scores of 4-7, a system condition code will set the credits for the diploma awards. See Page 2.
- If your institution awards different courses and/or credit for each successful diploma and individual examination (4-7), a system condition code will set the credits for the diploma awards, and course condition codes will set the separate awards. See subsequent documentation.

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	QAWARD
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	ZZZZZ

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 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".

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 redLantern will show in u.select. 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 MUSC1035. 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	Ctl 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			.

AAA****999 Rows: 1

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

AA??*999? Rows: 1

Alternate: MUSC1023 P Hide

Flags: 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	Ctl 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			.

AAA****999 Rows: 1

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

AA??*999? Rows: 1

Alternate: ELECT*** P Hide

Flags: 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 u.select.

The screenshot shows the 'General' tab of the Institutional Reference Table for 'International Baccalaureate'. The 'SPEEDE' section has 'InstIDQ' set to 'ZZ'. A red arrow points to this field.

Source ID:	IB	Source CD:		FYT:	2007 3
Name:	International Baccalaureate			Lyt:	9999 99
Report InstID:	IB	Reference Only:	<input type="checkbox"/>		
Grade Case:	Upper	Grade Required:	<input type="checkbox"/>		
Status:	<input type="text"/>				
SPEEDE					
InstIDQ:	ZZ	Institution Type:	<input type="text"/>		
Default Master Reference Table:					
InstID:	<input type="text"/>	InstCD:	<input type="text"/>		
Default Transfer Articulation Table:					
InstID:	<input type="text"/>	InstCD:	<input type="text"/>		

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'. A red box highlights the 'Display Format' section.

Source ID:	IB	Source CD:		FYT:	2007 3
Name:	International Baccalaureate			Lyt:	9999 99
General					
Course					
Credit					
GPA					
Display Format					
Mask:	AAA****999	Case:	Upper		
Department Begin:	1	End:	7		
Course Begin:	8	End:	10		
SPEEDE Default Values					
BACC:	I	ACTC:	X	AGCLC:	
Honors:		RepeatF:		Unit scale:	0.0000
Universal Condition Code Assignment					

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

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

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

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

Grade	Type	U-to-I	Grade	UC1	UC2	Yr	Trm	Range
1	Grade	<input checked="" type="checkbox"/>	1	IB1				-
2	Grade	<input checked="" type="checkbox"/>	2	IB2				-
3	Grade	<input checked="" type="checkbox"/>	3	IB3				-
4	Grade	<input checked="" type="checkbox"/>	4	IB4				-
5	Grade	<input checked="" type="checkbox"/>	5	IB5				-
6	Grade	<input checked="" type="checkbox"/>	6	IB6				-
7	Grade	<input checked="" type="checkbox"/>	7	IB7				-
8	Grade	<input checked="" type="checkbox"/>	#	(513				-
9	Grade	<input checked="" type="checkbox"/>	*	UNKN				-

Target Institutional Reference Table

Add IB Grades to your Target Master Institutional Reference Grade Table. The Universal Grades of **IB1, IB2, and IB3** are assigned grades **NT1, NT2 and NT3**. 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. The earlier Diploma test 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 grades.

Grade	Type	U-to-I	Grade	UC1	UC2	Yr	Trm	Range
6	Condition	<input type="checkbox"/>	NTF	T:Y				-
7	Condition	<input type="checkbox"/>	NTR	IB1				-
8	Condition	<input type="checkbox"/>	NTR	IB2				-
9	Condition	<input type="checkbox"/>	NTR	IB3				-
10	Condition	<input type="checkbox"/>	T4	IB4	S:U			-
11	Condition	<input type="checkbox"/>	T4	IB4				-
12	Condition	<input type="checkbox"/>	T5	IB5	S:U			-
13	Condition	<input type="checkbox"/>	T5	IB5				-
14	Condition	<input type="checkbox"/>	T6	IB6	S:U			-
15	Condition	<input type="checkbox"/>	T6	IB6				-
16	Condition	<input type="checkbox"/>	T7	IB7	S:U			-
17	Condition	<input type="checkbox"/>	T5	IB7				-

Student Academic Record

In the example below, the student has completed the IB Diploma. Three examinations (ARTS 001, MTHCSCI001, and SOCSCI 001) were successfully completed at the Higher Level. ARTS 004 was a score of 2, and therefore unsuccessful.

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.

YR/TM	Course	RCredit	Grade	Title	P	Hg1	Seq
1 2008 1	DIPLOMA	0.00			<input checked="" type="checkbox"/>		001
2 2008 3	ARTS 001	0.00	4		<input type="checkbox"/>		001
3 2008 3	ARTS 004	0.00	2		<input type="checkbox"/>		001
4 2008 3	MTHCSCI001	0.00	6		<input type="checkbox"/>		001
5 2008 3	SOCSCI 001	0.00	5		<input type="checkbox"/>		001

ARTS 001, Music Higher Level, with Diploma, articulated to 6 credits of MUSC1035.

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg	Hg1	Seq
1 20083	ARTS 001	0.00	4	0.00	Music HL score of 4-7	<input checked="" type="checkbox"/>		001
AAA****999		0.00		0.00				

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1 20083	MUSC1035	6.00	T4	6.00	<input type="checkbox"/>	
AA??9999		6.00		6.00		

MTHCSCI001, Computer Science Higher Level, with Diploma, articulated to 6 credits of MATH1000.

The screenshot shows a software interface for course articulation. On the left is a tree view of the system structure, including 'Transfer Evaluation' and 'IB' programs. The main area displays details for a specific articulation record:

- Source Id:** IB
- Source Cd:** []
- Target Id:** 999999
- Target Cd:** []
- DPMask:** []

Below this are buttons for 'Lock All', 'Unlock All', and 'Export All'. A table shows the articulation record:

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

A second table lists the source course details:

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg	Iflg1	Seq
1	20083 MTHCSCI001	0.00	6	0.00	Computer Sci HL score of 4	<input type="checkbox"/>		001

Summary statistics: AAA****999, 0.00, 0.00

A third table shows the target course details:

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20083 MATH1000	6.00	T6	6.00	<input type="checkbox"/>	

Summary statistics: AA??9999, 6.00, 6.00

On the right, there are 'Alternate' and 'Flags' sections. The 'Flags' section shows 'MATH1000' with a 'P' flag.

SOCSCI 001, Sociology and Cultural Anthropology Higher Level, with Diploma, articulated to 6 credits of SOC 2828.

The screenshot shows a software interface for course articulation, similar to the one above. On the left is a tree view of the system structure. The main area displays details for a specific articulation record:

- Source Id:** IB
- Source Cd:** []
- Target Id:** 999999
- Target Cd:** []
- DPMask:** []

Below this are buttons for 'Lock All', 'Unlock All', and 'Export All'. A table shows the articulation record:

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
4	004	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	01/14/09

A second table lists the source course details:

Yr/Trm	Course	RCredit	Grade	Ecredit	Title	Pflg	Iflg1	Seq
1	20083 socsci 001	0.00	5	0.00	Soc/Cultural Anth HL scr 4-7	<input type="checkbox"/>		001

Summary statistics: AAA****999, 0.00, 0.00

A third table shows the target course details:

Yr/Trm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1	20083 soc 2828	6.00	T5	6.00	<input type="checkbox"/>	

Summary statistics: AA??9999, 6.00, 6.00

On the right, there are 'Alternate' and 'Flags' sections. The 'Flags' section shows 'SOC 2828' with a 'P' flag.

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

Student: 00032115 - Flintstone, Wilma

Source Id: IB Source Cd: International Baccalaureate DPMask:

Course List Course Detail Alternate IDs and Misc.

YR/TM	Course	RCredit	Grade	Title	P	lflg1	Seq
1 2008 3	ARTS 001	0.00	4		<input type="checkbox"/>		001
2 2008 3	ARTS 004	0.00	2		<input type="checkbox"/>		001
3 2008 3	MTHCSCI001	0.00	6		<input type="checkbox"/>		001
4 2008 3	SOCSCI 001	0.00	5		<input type="checkbox"/>		001

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

Target Id: 999999 Target Cd: DPMask:

Lock All Unlock All Export All

Dpmask	Group	Lock	Certify	Memo	Last Updated By:	Date
1	001	<input type="checkbox"/>	<input type="checkbox"/>		DANDREMA	01/14/09

Yr/Tm	Course	RCredit	Grade	Ecredit	Title	Pflg	lflg1	Seq
1 2008 3	ARTS 001	0.00	4	0.00	Music HL score of 4-7	<input type="checkbox"/>		001
		AAA****999	0.00	0.00				

Yr/Tm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1 2008 3	MUSC1035	3.00	T4	3.00	<input type="checkbox"/>	
		AA??9999	3.00	3.00		

Alternate Flags

MUSC1035 P

AA??9999

MTHCSCI001, Computer Science Higher Level, reported as an Individual exam, articulated to 3 credits of MATH1000

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/Tm	Course	RCredit	Grade	Ecredit	Title	Pflg	lflg1	Seq
1 2008 3	MTHCSCI001	0.00	6	0.00	Computer Sci HL score of 4-7	<input type="checkbox"/>		001
		AAA****999	0.00	0.00				

Yr/Tm	Crs Num	RCredit	Grade	Ecredit	Pflg	Condc
1 2008 3	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

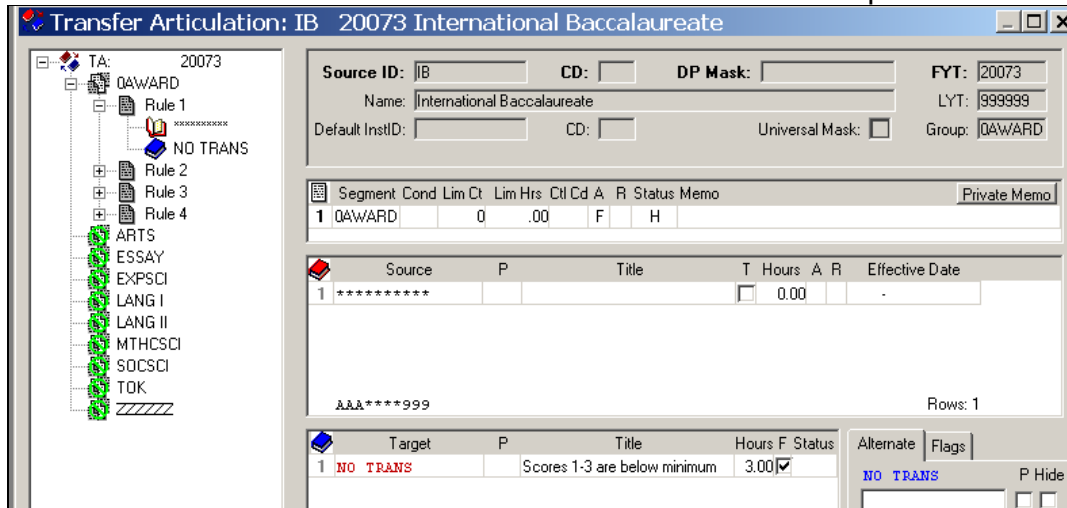
The Transfer Articulation table is incomplete until you create a rule for the unacceptable IB scores of 1, 2, and 3.

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	Crk	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.



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
    
```