

UNIVERSITY STUDENT INFORMATION SYSTEM
USIS Graduating Input Manual

May, 1995

EDUCATION, CULTURE AND TOURISM DIVISION
STATISTICS CANADA

(Disponible en français)

81N0003XPE

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<u>ELEMENT NO.</u>	<u>MNEMONIC</u>	<u>DESCRIPTION</u>	
900	CONDAT	Convocation date	9
905	AWADIN	Institution awarding degree, diploma or certificate	10
030	INSTIT	Institution of registration	11
060	STUDID	Institution's own identification of graduating student	21
070	SIN	Social insurance number	22
080	GENDER	Gender	23
210	QUALIF	Qualification (degree, diploma, certificate, etc.) received	24
240	QUACOD	Coded title of the degree, diploma or certificate awarded	28
260	SPEMAJ	Specialization or major field of study	35
270	SPEJOI	Joint specialization	56

THE UNIVERSITY STUDENT INFORMATION SYSTEM

The University Student Information System (USIS) is a database that provides a Canada-wide system of university enrolment statistics. Files are available back to the 1972-73 academic year. The information for this system is collected on an individual student basis. This approach has allowed for great flexibility of the data thus enabling us to undertake analysis which could not be done prior to the development of the system. To introduce the same degree of flexibility into the area of graduation statistics we have, in 1974, extended the USIS - Enrolment to cover the collection of graduation statistics on an individual student basis.

Since the information in the University Student Information System-Graduating (USIS-Graduating) will be integrated with that in USIS-Enrolment, the data required for the graduating students can be kept to a minimum. To successfully achieve this integration, however, it is essential that consistency be maintained between information gathered through the enrolment survey and the data supplied to USIS-Graduating.

COVERAGE

All students who have received a degree, diploma or certificate should be reported, even though they may not have been reported previously in USIS-Enrolment. Coverage should extend to all degree-granting universities and colleges as well as their university level affiliates.

Students receiving diplomas or certificates awarded by a professional body and/or a provincial department of education should also be reported if the programs they took leading to the qualification were regular credit offerings of the degree-granting institution or its affiliates.

A student receiving more than one qualification (e.g. two degrees, a degree and diploma etc.) during the same year should be reported separately for each qualification. In those cases, the same identification number should be used each time the student is reported. This approach will allow us, as in the past, to compile statistics on the total number of degrees, diplomas and certificates awarded during the year.

REPORTING OPTIONS AND REPORTING DATES

The reporting options are as follows:

1. Individual student records on tape or cartridge;
2. Individual student records on floppy disk (IBM compatible);
3. Individual student records on a standardized graduation document to be supplied by Statistics Canada.

Those institutions using either of the first two options will be provided with an edit program to assist them in the verification of their data.

Reports may be submitted as often as the institution wishes, as long as all data for the calendar year are submitted by December 15. An institution will likely choose to report either once a year or after each convocation. In order to spread our workload throughout the year, it is hoped that most, if not all, institutions choosing reporting option 3 will report after each convocation. For those choosing either of the first two reporting options, our preference would be for a once-a-year submission.

Further information on any of the reporting options, definitions, etc., and what they imply for the reporting institution may be obtained from Postsecondary Education Section, Education, Culture and Tourism Division, Statistics Canada, Ottawa, Ontario, (613) 951-8285.

TECHNICAL INFORMATION ON FILE FORMAT

Submitted files, must correspond to the record layouts on the following pages.

Tape files for submission must use 1½ inch wide magnetic tape on standard open reels. Tape recording formats to be used are as follows, in order of preference:

- 9 track, 6250BPI, ODD PARITY EBCDIC
- 9 track, 1600BPI, ODD PARITY EBCDIC
- 9 track, 800BPI, ODD PARITY EBCDIC

If tape files are labelled, the header label(s) should be followed by a single tape mark and the trailer label(s) should be preceded by a single tape mark and followed by two tape marks. Interblock gaps should be approximately .6 inches for 9 track tapes. Record marks, banner characters, and count fields should not be used.

Data submitted on floppy disks, must be IBM compatible and submitted in ASCII format.

NOTE: Please include with the file submission sufficient information about the format adopted to allow us to read it.

Further technical information relating to submission file formats can be obtained from Jim Donnelly or Ginette Labrecque, Postsecondary Education Section, Education, Culture and Tourism Division, (613) 951-8285.

ELEMENTS

The following pages describe the elements proposed for USIS-Graduating, because this data will be integrated with USIS-Enrolment data, the elements cover only the basic information needed for statistical purposes.

Ten elements are proposed, of which two (institution awarding degree, diploma or certificate and convocation date) are not in USIS-Enrolment. The remaining eight elements are essentially the same as reported in the enrolment system.

The remaining eight duplicated elements are the minimum required to allow us to produce tables and articles on degrees, diplomas and certificates awarded. For the case where a student reported in USIS-Graduating has not been previously reported in USIS-Enrolment, this minimum data can only be obtained through the information provided on graduating students. Also, when any data in these elements have changed since the last reporting for USIS-Enrolment, the updated information will be given by USIS-Graduating.

It is realized that for certain data elements for any student (e.g., marital status, country of citizenship, all residence fields), a change may occur between the last reporting for USIS-Enrolment and the reporting for USIS-Graduating. Since it was felt these changes would only affect an insignificantly small segment of the population and also that the updated information may not be readily available at an institution, these data elements are not repeated in USIS-Graduating.

USIS GRADUATING FILE

RECORD LAYOUT

Field	Size	Position	Type	Title
900	4	1-4	N	CONDAT
905	6	5-10	N	AWADIN
030	6	11-16	N	INSTIT
060	9	17-25	AN	STUDID
070	9	26-34	N	SIN
080	1	35	N	GENDER
210	2	36-37	N	QUALIF
	2	38-57	AN	SPACES
240	3	58-60	N	QUACOD
260	5	61-65	N	SPEMAJ
270	5	66-70	N	SPEJOI
	9	71-77	AN	SPACES
242	2	78-79	N	DE 242 (For Internal use only)
	1	80	AN	MULTIPLE INDICATOR

USIS**ELEMENT NO. 900**

ELEMENT: Convocation date

MNEMONIC &
ALIASES: CONDAT

DESCRIPTION: The actual date (month and year) of the convocation at which the student received a degree, diploma or certificate.

CODES: MMY. For example, a convocation date of May, 1991 would be coded 0591.

USIS**ELEMENT NO. 905**

ELEMENT: Institution awarding degree, diploma or certificate.

MNEMONIC &
ALIASES: AWADIN

DESCRIPTION: A 6 digit code identifying the institution awarding the degree, diploma or certificate.

Do not leave this field blank. If the institution awarding the degree, diploma or certificate is the same as the institution of registration, repeat the code used in element 030.

CODES: The institution codes are identical to those shown for element 030 in the USIS-Enrolment manual.

000000: If the diploma or certificate is awarded by a professional body and/or a provincial department of education, use code 000000. This is for the special case where the student has taken a credit program at the institution leading to a diploma or certificate which is awarded by a professional body and/or department of education rather than the institution itself.

If the diploma or certificate is jointly awarded by both the institution and a professional body or department of education, use the code for the degree-granting institution.

USIS Revised**ELEMENT NO. 030**

ELEMENT: Institution of registration

MNEMONIC &
ALIASES: INSTIT

DESCRIPTION: A 6 digit code identifying university complexes and their affiliates, associated institutions, etc.

Digits 1-2: province in which institution is located

Digits 3-4: identifies institution complex

Digits 5-6: identifies registration centres and the affiliates or associated institutions.

If the student has been reported in the past for the USIS-Enrolment, the code shown for this element must be identical to that last reported for the student in element 030 of USIS-Enrolment.

CODES: These are identical to those shown for element 030 in the USIS-Enrolment manual. See next pages.

USIS**ELEMENT NO. 030**

UNIVERSITIES AND COLLEGES

USE THESE CODESATLANTIC PROVINCES

	<u>Memorial University of Newfoundland</u>	10 01
10 01 11	Memorial Univ. of Newfoundland	
10 01 12	Sir Wilfred Grenfell College	
10 01 14	Memorial Off-Campus Centres	
11 01 11	<u>University of Prince Edward Island</u>	11 01
	<u>Acadia University</u>	12 01
12 01 11	Acadia University	
12 01 12	Acadia Divinity College	
12 02 11	<u>Atlantic School of Theology</u>	12 02
12 03 11	<u>Université Ste-Anne</u>	12 03
12 04 11	<u>Dalhousie University</u>	12 04
12 05 11	<u>Mount St. Vincent University</u>	12 05
12 06 11	<u>Nova Scotia College of Art and Design</u>	12 06
12 07 11	<u>Technical University of Nova Scotia</u>	12 07
	<u>St. Francis Xavier University</u>	12 08
12 08 11	St. Francis Xavier University	
12 08 12	Coady International Institute	
12 09 11	<u>Saint Mary's University</u>	12 09
12 10 11	<u>University of King's College</u>	12 10
12 12 11	<u>University College of Cape Breton</u>	12 12
12 41 11	<u>Nova Scotia Agricultural College</u>	12 41
12 45 11	<u>Nova Scotia Teacher's College</u>	12 45

USIS**ELEMENT NO. 030**

<u>USE THESE CODES</u>	<u>ATLANTIC PROVINCES - Concluded</u>	
13 01 11_____	<u>Mount Allison University</u>	13 01
_____	<u>University of New Brunswick</u>	13 02
13 02 11	University of New Brunswick	
13 02 12	Fredericton Branch	
13 02 13	St. John Branch	
_____	<u>Université de Moncton</u>	13 03
13 03 11	Université de Moncton	
13 03 12	Centre universitaire de Moncton	
13 03 13	Centre universitaire de Shippigan	
13 03 14	Centre universitaire St. Louis/Maillet	
13 04 11	<u>St. Thomas University</u>	13 04
13 05 11_____	<u>Bethany Bible College</u>	13 05

USIS**ELEMENT NO. 030**

<u>USE THESE CODES</u>	<u>QUÉBEC</u>	
	<u>Bishop's University</u>	24 01
24 01 11	Bishop's University	
24 01 12	Thomas More Institute for Adult Education	
24 02 11	<u>McGill University</u>	24 02
	<u>Université de Montréal</u>	24 04
24 04 12	Université de Montréal	
24 04 13	École polytechnique	
24 04 14	École des hautes études commerciales	
	<u>Université du Québec</u>	24 06
24 06 11	Université du Québec (All branches)	
24 06 12	Université du Québec à Chicoutimi	
24 06 13	Université du Québec à Montréal	
24 06 14	Université du Québec en Abitibi-Témiscamingue	
24 06 15	Université du Québec à Trois-Rivières	
24 06 16	Université du Québec à Hull	
24 06 17	École Nationale d'Administration Publique	
24 06 18	Institut National de la Recherche Scientifique	
24 06 19	Université du Québec à Rimouski	
24 06 20	École de Technologie Supérieure	
24 06 21	Télé-Université	
24 06 22	Institut Armand Frappier	
24 07 11	<u>Université Laval</u>	24 07
24 08 11	<u>Université de Sherbrooke</u>	24 08
24 09 11	<u>Concordia University</u>	24 09
24 10 11	<u>Collège Militaire Royal de St-Jean</u>	24 10

USIS**ELEMENT NO.030**

<u>USE THESE CODES</u>	<u>ONTARIO</u>	
	<u>Brock University</u>	35 01
35 01 11	Brock University	
35 01 12	Brock College of Education	
35 01 13	Concordia Lutheran	
35 02 11	<u>Carleton University</u>	35 02
35 03 11	<u>University of Guelph</u>	35 03
35 04 11	<u>Lakehead University</u>	35 04
	<u>Laurentian University</u>	35 05
35 05 11	Laurentian University	
35 05 12	Algoma University College	
35 05 14	Le collège universitaire de Hearst	
	<u>McMaster University</u>	35 06
35 06 11	McMaster University	
35 06 12	McMaster Divinity College	
	<u>Université d'Ottawa</u>	35 07
35 07 11	Université d'Ottawa	
35 07 12	Université Saint-Paul	
	<u>Queen's University</u>	35 08
35 08 11	Queen's University	
35 08 12	Queen's Theological College	
	<u>University of Toronto</u>	35 09
35 09 11	University of Toronto (includes federated Arts Colleges)	
35 09 15	St. Augustine's College	
35 09 20	St. Michael's College (Theology only)	
35 09 30	Trinity College (Theology only)	
35 09 40	Victoria University	
35 09 50	Knox College	
35 09 60	Wycliffe College	
35 09 70	Emmanuel College	
35 09 80	Regis College	
35 09 90	Ontario Institute for Studies in Education	

USIS**ELEMENT NO. 030**

<u>USE THESE CODES</u>	<u>ONTARIO (Concluded)</u>	
35 10 11	<u>Trent University</u>	35 10
	<u>University of Waterloo</u>	35 11
35 11 11	University of Waterloo	
35 11 12	University of St. Jerome's College	
35 11 15	Renison College	
	<u>University of Western Ontario</u>	35 12
35 12 11	University of Western Ontario	
35 12 12	Brescia College	
35 12 13	Huron College	
35 12 14	King's College	
35 13 11	<u>University of Windsor</u>	35 13
	<u>York University</u>	35 14
35 14 11	York University	
35 14 12	Atkinson College	
35 14 13	Glendon College	
	<u>Wilfrid Laurier University</u>	35 16
35 16 11	Wilfrid Laurier University	
35 16 13	Waterloo Lutheran Seminary	
35 17 11	<u>Royal Military College</u>	35 17
35 18 11	<u>Coll. Dominicain de philosophie et de théologie</u>	35 18
35 18 12	Coll. Dominicain-Montréal-Institut pastoral	
35 19 11	<u>Ontario Bible College</u>	35 19
35 19 12	Ontario Theological Seminary	
35 20 11	<u>Ryerson Polytech University</u>	35 20
35 26 11	<u>Redeemer College</u>	35 26
35 27 11	<u>Nipissing University</u>	35 27

USIS**ELEMENT NO. 030**USE THESE CODESMANITOBA

46 01 11_____	<u>Brandon University</u>	46 01
46 02 11_____	<u>Canadian Nazarene College</u>	46 02
_____	<u>University of Manitoba</u>	46 03
46 03 11	<u>University of Manitoba</u>	
46 03 12	<u>Collège de Saint-Boniface</u>	
46 03 13	<u>St. Andrew's College</u>	
46 04 11_____	<u>Concord College</u>	46 04
46 05 11	<u>University of Winnipeg</u>	46 05
46 06 11	<u>Canadian Mennonite Bible College</u>	46 06
46 07 11	<u>Catherine Booth Bible College</u>	46 07

USIS**ELEMENT NO. 030**USE THESE CODESSASKATCHEWAN

	<u>University of Saskatchewan</u>	47 01
47 01 11	University of Saskatchewan	
47 01 12	College of Emmanuel and St. Chad	
47 01 13	Lutheran Theological Seminary	
47 01 14	St. Andrew's College	
47 01 15	St. Thomas More College	
47 01 16	St. Joseph's College	
47 01 17	St. Peter's College	
47 01 18	Central Pentecostal College	
	<u>University of Regina</u>	47 02
47 02 11	University of Regina	
47 02 12	Campion College	
47 02 13	Luther College	
47 02 14	Saskatchewan Indian College	
47 05 11	<u>Canadian Bible College</u>	47 05
47 06 11	<u>Canadian Theological Seminary</u>	47 06

USIS**ELEMENT NO. 030**USE THESE CODESALBERTA

48 01 11	<u>University of Alberta</u>	48 01
48 01 16	University of Alberta North American Baptist College	
48 02 11	<u>The University of Calgary</u>	48 02
48 03 11	<u>Canadian Union College</u>	48 03
48 04 11	<u>University of Lethbridge</u>	48 04
48 05 11	<u>Newman Theological College</u>	48 05
48 07 11	<u>Athabasca University</u>	48 07
48 09 11	<u>Augustana University College</u>	48 09
48 10 11	<u>The King's University College</u>	48 10
48 11 11	<u>Concordia College</u>	48 11

USIS**ELEMENT NO. 030**USE THESE CODESBRITISH COLUMBIA

	<u>University of British Columbia</u>	59 01
59 01 11	University of British Columbia	
59 01 12	Vancouver School of Theology	
59 01 13	Regent College	
59 03 11	<u>Royal Roads Military College</u>	59 03
59 04 11	<u>Northwest Baptist Theological College</u>	59 04
59 05 11	<u>Seminary of Christ the King</u>	59 05
59 06 11	<u>Simon Fraser University</u>	59 06
59 07 11	<u>University of Victoria</u>	59 07
	<u>Trinity Western University</u>	59 09
59 09 11	Trinity Western University	
59 09 12	Canadian Baptist Seminary	
59 10 11	<u>University of Northern British Columbia</u>	59 10
59 11 11	<u>Open Learning Institute</u>	59 11

USIS**ELEMENT NO. 060**

ELEMENT: Institution's own identification number of graduating student.

MNEMONIC &
ALIASES: STUDID

DESCRIPTION: **This element is very important as it will be used to search out any data reported for the student in the USIS-Enrolment report.**

Since this element is identical to element 060 in the USIS-Enrolment, the number reported should be the same as that reported previously for the student.

All graduating students must be reported, even though they may not have been included in previous submissions of enrolment data.

CODES: 9 positions: alpha and/or numeric. **Left justified.**

NOTE: For those students reported in the enrolment data submission, all characters within the 9 positions must be in the same place as previously reported.

USIS**ELEMENT NO. 070**

ELEMENT: Social Insurance Number

MNEMONIC &
ALIASES: SIN

DESCRIPTION: Student social insurance number.

Do not report dummy S.I.N.

Social insurance numbers should be checked for validity. The pre-edit programme supplied by Statistics Canada includes a S.I.N. number check.

Code 999999998 may be used by universities who have students who do not possess a social insurance number.

CODES: 999999998 - student does not possess a S.I.N. (Use of this code is optional).
999999999 - not reported

USIS**ELEMENT NO. 080**

ELEMENT: Gender

MNEMONIC &
ALIASES: GENDER

DESCRIPTION: Please note, a "not reported" code is not acceptable in this field. The only valid codes are `1` or `2`.

CODES: 1 - Male
2 - Female

USIS**ELEMENT NO. 210**

ELEMENT: Qualifications (Degree, Diploma, Certificate, etc.) received.

MNEMONIC &
ALIASES: QUALIF

DESCRIPTION: This element with some non-applicable codes deleted (specifically 03, 23, 55, 91, 93 and 95) corresponds to element 210 USIS-Enrolment.

A qualification is to be understood here as any formal attestation of successful completion of a programme of study except a mere certificate of attendance.

The qualification may be awarded by the institution or by a professional body including provincial departments of education.

The following set out the classification guidelines to be used for this element:

First professional degrees: the following are considered to be first professional degrees:

law L.L.B.
 medicine M.D.
 optometry O.D.
 veterinary medicine D.V.M.
 dentistry D.D.S., D.M.D.
 theology M. Div. or any other degree leading to the ministry
 education Note: Include only those students in a 1 year B.Ed. program with
 a Bachelor degree as an admission requirement).

The Master of Divinity, in those cases where it is a requirement for another Master's degree should be coded with first professional degree.

Note: A `not reported` code is not valid in this field. Do not code `99`.

USIS**ELEMENT NO. 210**

Classification of Degrees, Diplomas, Certificates by Level

QUALIFICATION	CLASSIFICATION	CRITERIA
Bachelor degrees	Undergraduate	All Bachelor degrees whether specialized, professional or general. Thus a B.Ed. not requiring a prior Bachelor degree is included with this group.
First Professional e.g.M.D., D.M.D., D.D.S., D.V.M., M.Div., L.L.B., O.D., as well as B.Ed. requiring a prior Bachelor degree	Undergraduate	All professional degrees which are listed In the first column are counted in this category.
Licences in	Some undergraduate some graduate	Those `Licences` which follow a degree the <u>same</u> field of study are considered equivalent to a Master's degree. All others are included at the undergraduate level.
Master's	Graduate	All Master's, excluding M.Div., are included in this group.
Doctorates this (Ph.D., D.Ed., etc.)	Graduate	Only <u>earned</u> Doctorates are included in group.
Diploma or first Certificate	Graduate	All diplomas or certificates following a degree in the <u>same</u> field of study are classified at the graduate level. Thus a Diploma in Education following a B.Ed., is classified at the graduate level, whereas one following a general B.A. or B.Sc. is classified as undergraduate. All diplomas following a Master's are classified as graduate. All diplomas following a first professional degree are also classified as graduate, such as diplomas in medical specializations following an M.D. or an engineering specialization following a B.Eng. or of Applied Science.

USIS**ELEMENT NO. 210**

Classification of Degrees, Diplomas, Certificates by Level - Concluded

QUALIFICATION	CLASSIFICATION	CRITERIA
Diploma or Certificate	Undergraduate	<p>All diplomas and certificates awarded by degree-granting institutions for courses of study sanctioned by a diploma or certificate and <u>not</u> a degree, if the entry conditions to the course of study are similar to those for degree candidates. Examples: Diploma in Dental Hygiene, Diploma in Physiotherapy, etc.</p> <p>Diplomas and certificates following a first degree are included in the <u>undergraduate</u> level, e.g. diplomas in Education following a <u>general</u> B.A or B.Sc.</p>
university	<p>Non-university type</p> <p>(Only <u>if</u> awarded by a degree-granting institution.)</p>	<p>There are few diplomas of a non-university level, such as Lakehead's technology diplomas that are to be classified in this group. Entry conditions are usually lower than for undergraduate level diplomas.</p>
Licentiate	Undergraduate	All licentiates are to be classified at this level.
Testamur	Undergraduate	All testamurs are to be classified as undergraduate.

USIS**ELEMENT NO. 210**CODES:**Non-University**

71	Non-university type certificate
81	Non-university type diploma

Undergraduate

13	Bachelor degree
33	First Professional degree
43	License undergraduate
53	Licentiate
63	Testamur
73	Undergraduate level certificate
83	Undergraduate level diploma

Graduate

25	License graduate
45	Master's degree
65	Ph.D.
15	Equivalent earned Doctorate
75	Graduate level certificate
85	Graduate level diploma

USIS**ELEMENT NO. 240**

ELEMENT: Coded title of the degree, diploma or certificate awarded.

MNEMONIC &
ALIASES: QUACOD

DESCRIPTION: This element corresponds, with a minor revision, to element 240 in USIS-Enrolment.

A code must be given for all graduating students. Please do not leave this field blank or code it 999 (not reported) as these will be rejected by the edit.

Please ensure that the correct codes are used for the degrees, diplomas or certificates awarded by your institution.

A number of institutions offer combined programs (e.g., B.A./B.Ed., B.A./LL.B, B.A./B.S.W.). If a student successfully completing such a program receives two degrees, he or she should be reported for each degree for USIS-Graduating. If, however, only one degree is offered (e.g., the B.A./B.Ed. is one degree and not two), the student should only be reported once.

CODES: The codes for this element are given on the following pages.

- Notes: 1. Codes 111, 163 and 900, which are acceptable for USIS-Enrolment, are invalid for USIS-Graduating.
2. In those cases where the student receiving a qualification has no field of specialization, the codes 121, 131 or 601 are to be used (code 601 being used for the specific degrees Bachelor of Integrated Studies and Bachelor of General Studies).

ELEMENT NO. 240

CODES	<u>CODED TITLE OF QUALIFICATION</u>
<u>DIPLOMAS AND CERTIFICATES</u>	
800	All diplomas and certificates
<u>AGRICULTURE - 08</u>	
081	B.Sc. Agriculture, B.S.A., B.Sc. Food Science
087	M.S.A. (Master's of Science Agriculture), M.Sc. Agriculture, M.Sc. Food Science
<u>ARCHITECTURE - 09</u>	
091	B. Arch., B.Sc. Arch., B.E.S. (Arch.), B.I.D. (Bachelor of Industrial Design), B.D.I. (Baccalauréat en Dessin Industriel), B. Tech. (Architecture Science), B. Tech. (Construction Management Science)
097	M. Arch., M. Aménagement (Architecture)
098	M.C.P. (Master of City Planning)
<u>ARTS: HUMANITIES AND SOCIAL SCIENCES - 12</u>	
121	B.A., B. es Arts, Licence es lettres, B. of Arts and Science
122	B. Soc. Sc., B.A. (Soc.Sc.), Bachelor of Child Studies
123	B. Translation, B. Traduction, Bachelor of Science in Language, Baccalauréat en science du langage
124	B. Psychologie
125	B. Philosophie
126	M.Sc.Soc.
127	M.A., Maîtrise es Arts
128	M.A.Psy., M.Ps.
129	Maîtrise en philosophie (<u>NOT</u> the M.Phil. following a Master's Degree)
<u>SCIENCE - 13</u>	
131	B.Sc., B. es Sciences, B.A. (Science), Licence es Sciences
132	B. Mathematics, Baccalauréat es sciences de l'actuariat
133	B. Computer Science, B.Sc.C.S.
137	M.Sc., Maîtrise es sciences
138	M.Mathematics
139	M.Sc.C.S.

ELEMENT NO. 240COMMERCE, MANAGEMENT AND BUSINESS ADMINISTRATION - 14
(Health Administration and Other Administration, see 40 and 41)

- 141 B.Comm., B.B.A., B.A.A., B.A. (Bus.Ec.), B.A. (Bus. Admin.), B.Sc.Comm., L.Sc.Comm., L.Sc.Comp., L.Sc.Admin., B.Admin., B.Tech. (Management), B.Sc. Gestion, B.Man.Sc. (Bachelor of Management Sciences)
- 142 B.Secretarial Arts, B.Sec.Studies, B.Sec.Admin., B.Sc.Sec. Studies, B.A.A. (Secretarial Science)
- 143 B. Comm. (Hotel and Food Administration), B.A.A. (Hotel and Tourism Management)
- 144 Bachelor of Public Relations
- 147 M.B.A., M.Admin., M.Comm., M.M.S. (Master's of Management Sciences), M.Sc. Commerce

DENTISTRY - 15

- 151 D.D.S., D.M.D.
- 152 B.Sc. Dentistry
- 153 B.H.D. Baccalauréat en hygiène dentaire, B.D.H.
- 157 M.Sc. Dentistry, M.Sc. Orthodontics, M. Clinical Dentistry

EDUCATION - 16

- 161 B.Ed., B.A.Ed., B.Sc.Elem.Ed., B.Teaching, B.Sc. (orthopédagogie), B.Sc. (Ed.), Lic.Ens.Elem., Lic.Ens.Sec., B.Ped., B.Ens.El., Lic.Ped., Lic.Enfance Inadaptée, B.Ped. (inad.), B.Ped.Préscolaire, B.Ed. (Home Economics), B. Pédagogie Familiale, B.Ed.Comm., B.Ed. (Commerce), B.Ed.(Industrial Arts) B.Ens. Métiers, B.Ed.Music, B.F.A./Ed., B.A. (Art Ed.), Des. (Env. Design and Ed.), B.A.A. (Early Children Education), B.A.A. (Home Economics)
- 162 Licence Orientation Scolaire
- 167 M.Ed., M.A.(Ed.), M.Teaching Mathematics, M.A.Teaching, M.Ed. Sanitaire, M.Enseignement, M.Psycho-education, M.Sc.Home Economics Ed., Master's of Continuing Education, M.Sc.(Education)
- 168 M.A.Guidance, M.Orientation, M.Counselling

PHYSICAL AND HEALTH EDUCATION AND RECREATION - 17

- 171 B.P.E., B.E.P., B.Sc.Phys.Ed. and Rec., B.Sc.Phys.Ed., B.Ed. (P.E.), B.A./B.P.E., B.P.H.E., B.E.P.H., B.A.(P.H.E.), B.Sc.Kinesiology, B.Sc. (Kinanthropology), L.Ens. Éd.Phys.), B.Ped. (Éd.Phys.), Licence Éducation Physique, B.Sc.Edu.A.D., B.Phy.Ed., B.Sc. (Human Kinetics)
- 172 B.A. (Recreation Admin.), B.Recreation Ed., B.Ed. (Loisirs), B.Sc. (Rec.)
- 177 M.P.E., M.E.P., M.P.H.E., M.Sc.Kinesiology, M.Sc. Kinanthropology, M.Sc. (Physical Education, Éducation physique)

RELIGIOUS EDUCATION - 18

- 181 B.R.E., B.Christian Education, Licence Catéchèse, B.Cat., Lic.Cat.Scolaire, B.A./B.R.E.
- 187 M.R.E.

ELEMENT NO. 240ENGINEERING AND APPLIED SCIENCE - 19

- 191 B.Eng., B.Sc.Eng., B.A.Sc., B.Eng.Sc., B.Sc.Eng.Physics, B. es Sc.App., B.Sc. Forest Engineering, B.Technology (Engineering), B.Sc. Agricultural Engineering
 192 B.Sc. in Engineering Management
 197 M.Eng., M.A.Sc., M.Eng.Sc., M.Sc.Eng., M.Ing. (Maîtrise en ingénierie), M.Sc.A., M.Sc. Agricultural Engineering - Eng Management

ENVIRONMENTAL STUDIES - 20

- 201 B.E.S. (Bachelor of Environmental Studies), Bachelor of Environmental Design, B.A.A.(Urban Planning), B.A.A.(Geography)
 207 M.Arch. (Community Planning), M.Planning, M.Sc.Planning, Maîtrise Urbanisme, M.Nat. Resource Management, M.A. Regional Planning, M. Environment Study, M.E.Design, M.U.P. Master's of Urban Planning)

FINE AND APPLIED ARTS - 21

- 211 B.F.A., B.A. (Fine Arts), B.A. (History of Arts, Histoire de l'art)
 212 B.I.D. (Bachelor of Interior Design), B.A.A. (Interior Design)
 213 B.Design
 214 B.Arts visuels, B.Tech., Graphic Arts Management
 215 B.Tech. Photographic Arts, B.A.A. Photographic Arts
 217 M.F.A., M.V.A. (Master's of Visual Arts)

FORESTRY - 22

- 221 B. Forestry, B.Sc.For., B. es Sc.App. (foresterie)
 227 M. Forestry, M.Sc.For.

HOUSEHOLD SCIENCE AND RELATED - 23

- 231 B.Sc.Home Economics, Bacc. en économie familiale, B.H.Sc., B.H.Ec., Bacc.Sc.Dom., B.A.A. (Home Economics), B.A. (Home Economics)
 232 B.Sc. (Dietetics), B.Sc. (Food Science), B.Nutrition and Dietetics, B.Sc. de la Santé(diététique), B.Sc. (nutrition), B.Sc. (Home Economics), B.A.A. (Home Economics)
 237 M.Household Science
 238 M.Sc.Dietetics, M.Sc. (Nutrition)

JOURNALISM AND MASS MEDIA - 24

- 241 B.J., B.es Arts (journalisme et information), B.A.A. (Journalism)
 242 B.A.A. (Radio and Television Arts)
 247 M.A. Journalism

LABORATORY SCIENCE, TECHNOLOGY AND RELATED - 25

- 251 B.Laboratory Science, B.Medical Lab.Sc.
 252 B.Lab.Technology, B.Medical Lab.Technology, B.Sc. Radiologic Technology
 256 Master's of Laboratory Science

ELEMENT NO. 240LANDSCAPE ARCHITECTURE - 26

- 261 B.L.A. (Bachelor Landscape Architecture), B.A.P. (Bacc. Arch. paysagiste)
267 M.L.A.

LAW - 27

- 271 LI.B., B.Civil Law, I.L.L. Licence en Droit, B.A./LI.B.
277 LI.M., M.Civil Law

LIBRARY AND RECORDS SCIENCE AND SIMILAR - 28

- 281 B.L.S., B. Medical Record science, B. Bibliothéconomie
287 M.L.S., M.Bibliothéconomie
288 M. Museology

MEDICINE - 29

- 291 M.D., M.D., C.M.
292 B.Sc.Medicine, B.Sc. de la Santé (médecine), B.Med.Sc.
296 Master's of Health Sciences
297 M.Sc.Med., M.Clinical Sciences
298 M.Surgery

MUSIC - 30

- 301 B.Music, B.Applied Music, B.Sacred Music, B.A. (Music),
B.Church Music, B.Musical Arts
307 M.Music, Licence en Musique (après B.Mus. seulement), M.A. (Master's of Arts in Musicology),
M.M.A. (Master's of Musical Arts)

NURSING - 31

- 311 B.N., B.Sc. (Nursing), B.Sc.Inf., B.Sc. de la Santé (Basic course)
312 B.N., B.Sc. (Nursing), B.Sc.Inf., B.Sc. de la Santé (post basic for R.N.)
317 M.Sc. Nursing, M.Nursing, M.Sc.Inf., M.Nursing (Teaching)

OPTOMETRY - 32

- 321 O.D., (Doctor of Optometry) Licence en Optométrie, L.Sc.O.
327 M.Sc.Opt., M.Sc. Physiological Optics

PHARMACY - 33

- 331 B.Sc. (Pharm.), B.Pharmacy
337 M.Sc.Pharm., M.Pharm., M.H.P. (Master's of Hospital Pharmacy)

PUBLIC HEALTH - 34

- 341 B.Sc.Public Health
347 M.Sc.Hygiène
348 Master's of Health Sciences in Health Care Design

ELEMENT NO. 240

REHABILITATION MEDICINE - 35

- 351 B.Sc. Rehabilitation, B.Sc.Med.Rehab., (include combined courses in occupational and physical therapy)
- 352 B.O.T., B.Sc. (Occ.Ther.), B.Sc.M.R.(O.T.), B.Sc. ergothérapie
- 353 B.P.T., B.Sc. (Phys.Ther.), B.Sc.M.R. (P.T.), B.Sc. physiothérapie
- 354 B.Sc. (Audiology and Speech Pathology), B.Sc.M.R.(Communications Disorders), B.Sc. (orthophonie audiologie)
- 357 M.Sc.audiology and speech pathology, Maîtrise en orthophonie audiologie, M.Sc.(applied) Human Communication Disorders, Masters of Physical Therapy

RELIGION AND THEOLOGY - 36

- 361 B.Th., B.Div., B.Th.Past., B.S.T., B.Ministry, B.A./B.Th., S.T.B., M.Div. (if prerequisite for another Master's)
- 362 B.Sacred Literature, B.Sacred Letters, B.Th. (Culture Religieuse)
- 363 B.Sc.Rel., B.Th.(Sc.Rel.)
- 364 B.C.L. (Bachelor of Canon Law), B.D.C. (Bacc.Droit canonique) J.C.B. (Bachelor of Canon Law, Baccalaureat en Droit canonique)
- 367 M.Th., M.Div., M.S.T., M.A.Th., M.Th.Past, L.Th.
- 368 M.Sc.Rel.
- 369 M.C.L. (Master's of Canon Law), M.D.C. (Maîtrise en Droit canonique)

SOCIAL WORK - 37

- 371 B.S.W., B.A./B.S.W., Bacc. Service Social, B.A.A. (Social Services)
- 377 M.S.W., M.A.Service Social, Maîtrise Service Social

VETERINARY MEDICINE - 38

- 381 D.V.M., D.M.V.
- 387 M.Sc.Vet.

HEALTH ADMINISTRATION - 40

- 407 M.H.A. Master's of Hospital Administration
- 408 M.A.S. Maîtrise en administration de la santé,
M.H.S.A. Master's of Health Services Administration,
M.G.S.S. (Maîtrise en gestion des services de santé)
- 409 M.N.S.A. Master's of Nursing Services Administration

OTHER ADMINISTRATION, n.e.s. - 41

- 411 B.A. (Public Administration, Administration publique)
- 417 M.C.A. Master's of Correctional Administration, M.A.C.
- 418 M.P.A. Master's of Public Administration, M.A.P. (Maîtrise en administration publique), M.A. (Public Administration)

ELEMENT NO. 240OTHER DEGREES (Bachelor and Masters) - 60

- 601 Bachelor Integrated Studies, Bachelor General Studies
- 602 Other undergraduate degrees
Note: Not to be used instead of code 111 or as a "not classified" code. Only for degrees other than those specifically listed.
- 607 Other Master's degrees (except M.Phil. see below)
- 650 All M.Phil. (following another Master's degree)

- 700 All Ph.D's and other EARNED doctorated e.g. D.S.W., D.Ed.

USIS**ELEMENT NO. 260**

ELEMENT: Specialization or major field of study

MNEMONIC &
ALIASES: SPEMAJ

DESCRIPTION: This element corresponds to element 260 in USIS-Enrolment. The specialization or major field of study should be reported for all graduating students, using as fine a breakdown as is appropriate.

If a student has graduated in two fields of study (i.e. he or she received one degree, diploma or certificate but has two areas of specialization), the major specialization should be reported in element 260 and the minor specialization in element 270.

Report the field of study in which the student is majoring or specializing. It may be necessary to code either Arts and Science degree in either General Arts (0.00.02) or General Science (0.00.08). If a distinction between General Art and General Science cannot be made, students should be coded in Arts and Science (0.00.00).

For fields of study in which a very precise description of the program is required, use the `other` code (i.e. the one ending in `99`) if the exact type of program is not known. For example, there is no code for biology alone but rather three separate categories of biology, each with its own code: genetics (5.09.10), microbiology (5.09.12) and other biology (5.09.99). The latter should be used for coding if the exact area of biology a student is studying is unknown.

This field should be reported for all students.

The edit will make some consistency checks between degree granted (element 240) and specialization (element 260). For example, a person receiving a degree in engineering should have a specialization listed as engineering (be it chemical, civil, etc.) or engineering science. Persons receiving a degree in education should have a specialization in that field.

CODES:

- Codes 99998 and 99999 are invalid for USIS-Graduating.
- See next pages.

FIELD OF STUDY CLASSIFICATIONS

0.00.00	General Arts and Science
0.00.01	Interdisciplinary Studies
0.00.02	General Arts
0.00.08	General Science
1.XX.XX	Education, Physical Education, Recreation and Leisure
2.XX.XX	Fine and Applied Arts
3.XX.XX	Humanities and Related
4.XX.XX	Social Sciences and Related
5.XX.XX	Agriculture and Biological Sciences (excluding Health Professions)
6.XX.XX	Engineering and Applied Sciences
7.XX.XX	Health Professions and Occupations
8.XX.XX	Mathematics and Physical Sciences

EDUCATION, PHYSICAL EDUCATION, RECREATION AND LEISURE

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
1.18.00	ELEMENTARY/SECONDARY TEACHER TRAINING	<p><u>Include:</u></p> <ul style="list-style-type: none"> - art education - commercial education - business education - special education (teaching the blind/deaf and/or mute, emotionally and socially maladjusted, gifted, intercultural education, physically handicapped, remedial reading, occupational education) home economics education industrial arts (technical, vocational education) - music education - family, sex life education <p>-teaching or hygiene</p> <ul style="list-style-type: none"> - intermediate education - religious education - adult, continuing, extension education <p>- other teaching fields</p>
1.23.00	HIGHER EDUCATION, POSTSECONDARY TEACHER TRAINING	
1.36.00	KINDERGARTEN, PRE-SCHOOL TEACHER TRAINING	
	<u>NON-TEACHING FIELDS</u>	
1.38.01	school librarianship	
1.38.02	education administration	
1.38.03	education psychology	
1.38.05	guidance and counselling	
1.38.06	curriculum specialization	
1.38.07	measurements and evaluation	
1.38.08	education foundations	
1.38.99	other non-teaching fields	<p><u>Include:</u></p> <ul style="list-style-type: none"> - comparative education - educational sociology - other

EDUCATION, PHYSICAL EDUCATION, RECREATION AND LEISURE - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
1.39.00	PHYSICAL EDUCATION	
1.40.00	KINESIOLOGY, HUMAN KINETICS AND KINANTHROPOLOGY	
1.41.00	RECREATION	<u>Include:</u> - leisure, recreology, and administration

FINE AND APPLIED ARTS

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
2.03.00	FINE ART	<u>Include:</u> <ul style="list-style-type: none"> - general art studies - fine art appreciation - aesthetics - fine art - printing - sculpture
2.05.00	MUSIC	<u>Do not include:</u> <ul style="list-style-type: none"> - music education, it should be included with education
2.08.00	OTHER PERFORMING ARTS	<u>Include:</u> <ul style="list-style-type: none"> - dance, drama, theatre
	<u>APPLIED ARTS</u>	
2.14.01	industrial design	
2.14.99	other applied arts	<u>Include:</u> <ul style="list-style-type: none"> - graphic arts - drawing - graphic design - engraving - photography - lithography - printing - ceramics - jewellery design - fashion design - interior design <u>Do not include:</u> <ul style="list-style-type: none"> - creative writing, it should be included with English language and/or literature or French language and/or literature.

HUMANITIES AND RELATED

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
3.03.00	CLASSICS, CLASSICAL AND DEAD LANGUAGES	<u>Include:</u> - classics - Greek - Hebrew - Latin - Sanskrit - Pali - Akkadian - Aramaic - other
3.05.00	ENGLISH LANGUAGE AND/OR LITERATURE	<u>Include:</u> - creative writing
3.06.00	FRENCH LANGUAGE AND/OR LITERATURE	<u>Include:</u> - creative writing
3.09.00	HISTORY	<u>Include:</u> - specific area or period history - ancient history - medieval history - modern history - other history
3.10.00	JOURNALISM	
	<u>LANGUAGES AND/OR LITERATURES, OTHER</u>	<u>Include:</u> - only programmes with a concentration in the humanities i.e. languages, philosophy and history.
3.11.01	comparative literature	
3.11.02	medieval languages	Programmes with a concentration in the social sciences i.e. languages, political science and economics should be included under other area studies
3.11.03	Asian languages and literatures	
3.11.04	Slavic languages and literatures	
3.11.99	other languages and literatures	

HUMANITIES AND RELATED - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
3.12.00	LIBRARY SCIENCE	
3.13.00	OTHER RECORDS SCIENCE	<u>Include:</u> - medical records science - archive maintenance - museology - art gallery administration - museum curatorship - other records science
3.14.00	LINGUISTICS	
3.17.00	OTHER MASS COMMUNICATION STUDIES	<u>Include:</u> - cinematography - film - radio broadcasting/television - public relations - other media
3.21.00	PHILOSOPHY	<u>Include:</u> - ancient, medieval, modern, other philosophy - epistemology - ethics - history of philosophy - logic - history and philosophy of science and technology
3.24.00	RELIGIOUS STUDIES	<u>Include:</u> - comparative religion - canon law <u>Do not include:</u> - religious education
3.25.00	THEOLOGICAL STUDIES (professional programme, preparation for the ministry)	<u>Include:</u> - pastoral theology - practical theology - systematic theology, etc.
3.27.00	TRANSLATION AND INTERPRETATION	

SOCIAL SCIENCES AND RELATED

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
4.03.00	ANTHROPOLOGY	<u>Include:</u> - anthropological linguistics - anthropometry - cultural, social anthropology - ethnography - ethnology - other
4.06.00	ARCHAEOLOGY	<u>Include:</u> - archaeological field techniques - archaeological prehistory - laboratory techniques in archaeology - stratigraphy of archaeological sites - other
4.08.00	CANADIAN STUDIES	<u>Include:</u> - native Canadian studies - Inuit and Eskimo studies - American Indian studies
	<u>AREA STUDIES, OTHER</u>	Multidisciplinary approach to the study of a particular region or period. Do not include programmes primarily concerned with the languages and/or literatures of an
4.09.10 area.	Medieval studies	
4.09.20	Asian studies	
4.09.40	Slavic studies	
4.09.99	other area studies	
4.12.00	COMMERCE, MANAGEMENT, BUSINESS ADMINISTRATION, ADMINISTRATIVE STUDIES/ SCIENCES	<u>Include:</u> - accounting - finance - industrial relations - labour relations - marketing - retailing - personnel management - other

SOCIAL SCIENCES AND RELATED - Continued

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
4.13.00	CRIMINOLOGY	<u>Include:</u> - penology and related - correctional administration
	<u>SPECIALIZED ADMINISTRATION STUDIES</u>	
4.14.01	public administration	
4.14.02	health administration	
4.14.03	hotel and food administration	
4.14.99	other specialized administration studies	
4.15.00	DEMOGRAPHY	
4.27.00	ECONOMICS	<u>Include:</u> - agricultural economics
4.30.00	GEOGRAPHY	<u>Do not include:</u> - earth sciences elsewhere specified
4.33.00	LAW AND JURISPRUDENCE	
	<u>MAN/ENVIRONMENT STUDIES</u>	<u>Do not include:</u>
-	architecture	
4.40.08	regional, rural, urban, city planning and community development	- landscape architecture - pre-professional programmes in architecture
4.40.10	resource management, environmental studies	
4.43.00	POLITICAL SCIENCE	<u>Include:</u> - comparative politics - government - international relations - political history - political thought - urban politics, etc. <u>Do not include:</u> - public administration

SOCIAL SCIENCES AND RELATED - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
4.46.00	PSYCHOLOGY	<p><u>Include:</u></p> <ul style="list-style-type: none"> - abnormal psychology - pathological psychology - behavioural psychology - child and adolescent psychology - child study - cognitive development - comparative psychology - history of psychology - learning theory - physiological psychology - psychometrics, psychology statistics - social psychology - vocational counselling - clinical psychology - other <p style="text-align: right;"><u>Do not</u></p> <p><u>include:</u></p> <ul style="list-style-type: none"> - educational psychology. It should be included with education
4.47.00	SECRETARIAL STUDIES	
4.49.00	SOCIAL WORK AND SOCIAL WELFARE	
4.52.00	SOCIOLOGY	<p><u>Include:</u></p> <ul style="list-style-type: none"> - folklore - sociology of the family - sociology of industry and work - sociology of the professions - sociology of religion - social theory and social structure - women studies - other
4.55.00	MILITARY STUDIES	<p><u>Include:</u></p> <ul style="list-style-type: none"> - naval/airforce/army studies - strategy and tactics - war, military history - other
4.57.00	OTHER SOCIAL SERVICES	<p><u>Include:</u></p> <ul style="list-style-type: none"> - day care workers programmes - vocational and family counselling <p><u>Do not include:</u></p> <ul style="list-style-type: none"> - programmes leading to teaching, nursing and medical certification

AGRICULTURAL AND BIOLOGICAL SCIENCES

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
<u>AGRICULTURE</u>		
5.03.10	animal science	<u>Include:</u> - animal husbandry - poultry science
5.03.22	plant science	<u>Include:</u> - crop science - horticulture - plant protection - weed science
5.03.26	soil science	<u>Include:</u> - soil physics - soil chemistry - soil genesis, etc.
5.03.99	other agriculture	<u>Include:</u> - agricultural entomology - agricultural genetics - agricultural microbiology - agricultural parasitology and virology - agricultural science - apiculture - dairy science - food science - other <u>Do not include:</u> - agricultural economics - agricultural engineering - landscape architecture - environmental horticulture
5.06.00	BIOCHEMISTRY	<u>Include:</u> - molecular biology. Bio-chemistry students in medicine should be reported under basic medical sciences.
<u>BIOLOGY</u>		
5.09.10	genetics	
5.09.12	microbiology	
5.09.99	other biology	<u>Do not include:</u> - programmes, majors or specializations in botany, zoology, bio-chemistry, biophysics veterinary sciences

AGRICULTURAL AND BIOLOGICAL SCIENCES - Continued

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
5.12.00	BIOPHYSICS	<u>Do not include:</u> - medical biophysics
5.15.00	BOTANY	<u>Include:</u> - bryology - mycology - phycology - plant biochemistry - plant breeding - plant ecology - plant environment - plant evolution - plant genetics - plant morphology - plant nutrition - plant pathology - plant taxonomy - plant physiology - other <u>Do not include:</u> - palaeobotany. It should be included in geology and related.
5.16.00	 FISHERIES AND WILDLIFE MANAGEMENT <u>HOUSEHOLD SCIENCE AND RELATED</u>	
5.18.08	food science and nutrition	
5.18.99	other household science and related	<u>Include:</u> - clothing and textiles - consumer studies - family studies
<u>include:</u>		<u>Do not</u> - interior design
5.21.00	VETERINARY MEDICINE 	<u>Include:</u> - only students enrolled in a faculty of veterinary medicine in the professional programme

AGRICULTURAL AND BIOLOGICAL SCIENCES - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
5.22.00	VETERINARY SCIENCES	<u>Include:</u> - veterinary anatomy - veterinary bacteriology - veterinary biochemistry - veterinary embryology - veterinary genetics - veterinary histology - veterinary immunology - veterinary microbiology - veterinary mycology - veterinary obstetrics - veterinary parasitology - veterinary pathology - veterinary pharmacology - veterinary serology - virology - other
5.23.00	VETERINARY MEDICINE SPECIALITIES	<u>Include:</u> - veterinary surgery
5.24.00	ZOOLOGY	<u>Include:</u> - animal anatomy - animal ecology - animal histology - entomology - ichthyology - invertebrate zoology - mammalogy - marine biology - ornithology - protozoology - vertebrate zoology - other <u>Do not include:</u> - palaeontology; it should be included with geology
5.25.00	TOXICOLOGY	<u>Do not include:</u> - medical toxicology

ENGINEERING AND APPLIED SCIENCES

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
6.03.00	ARCHITECTURE	<u>Do not include:</u> - regional planning - urban and city planning
6.05.00	AERONAUTICAL AND AEROSPACE ENGINEERING	
6.06.00	CHEMICAL ENGINEERING	
6.07.00	CIVIL ENGINEERING	
6.08.00	DESIGN, SYSTEMS ENGINEERING	
6.09.00	ELECTRICAL ENGINEERING	<u>Include:</u> - electronics
6.10.00	INDUSTRIAL ENGINEERING	
6.11.00	MINING ENGINEERING	
6.12.00	MECHANICAL ENGINEERING	
6.13.00	METALLURGICAL ENGINEERING	<u>Include:</u> - ceramics engineering
6.14.00	OTHER ENGINEERING	<u>Include:</u> - biomedical engineering - computer engineering - environmental engineering - geological engineering - geophysical engineering - ocean engineering - petroleum engineering - agricultural engineering - surveying engineering - other
6.15.00	ENGINEERING SCIENCE	<u>Include:</u> - engineering physics - engineering chemistry
6.16.00	ENGINEERING GENERAL	To be used only for undergraduate students who have not yet opted for specialization

ENGINEERING AND APPLIED SCIENCES - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
6.20.00	FORESTRY	<u>Include:</u> <ul style="list-style-type: none"> - dendrology - forest ecology - forest harvesting - logging - forest management - forest protection - forest wildlife management - silviculture - wood science and technology - forestry engineering
6.22.00	LANDSCAPE ARCHITECTURE	<u>Include:</u> <ul style="list-style-type: none"> - garden design - landscape design and construction - landscape materials - landscape planning

HEALTH PROFESSIONS AND OCCUPATIONS

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
7.03.00	DENTISTRY (professional programme)	To be used only for those students registered in the faculty of dentistry in the professional programme.
7.04.00	DENTAL SPECIALTIES	<u>Include:</u> - oral biology - oral surgery - orthodontics - periodontics - other
7.05.00	MEDICINE (professional programme)	To be used only for those students registered in the faculty of medicine in the professional programme
	<u>BASIC MEDICAL SCIENCES</u>	To be used only for those students registered in the faculty of medicine
7.06.04	anatomy	
7.06.06	biochemistry	
7.06.08	biophysics	
7.06.10	embryology	
7.06.12	endocrinology	
7.06.14	genetics	
7.06.16	histology	
7.06.22	neurophysiology	
7.06.26	pharmacology	
7.06.28	physiology	
7.06.99	other basic sciences	<u>Include:</u> - medical toxicology

HEALTH PROFESSIONS AND OCCUPATIONS - Continued

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
7.08.00	MEDICAL SPECIALTIES	<u>Include:</u> <ul style="list-style-type: none"> - allergology - anaesthesiology - cancer - cardiology - dermatology - family, general practice - gastroenterology - haematology - infectious diseases - internal diseases - internal medicine - investigative and experimental medicine - nephrology - neurology - paediatrics - psychiatry - radiology - respiratory - rheumatology - tropical medicine - other
	<u>PARACLINICAL SCIENCES</u>	
7.10.06	immunology	
7.10.10	microbiology	<u>Include:</u> <ul style="list-style-type: none"> - bacteriology - parasitology
7.10.14	pathology	
7.10.99	other paraclinical sciences	
7.12.00	SURGICAL SPECIALTIES	<u>Include:</u> <ul style="list-style-type: none"> - brain surgery - heart surgery - cardiovascular and cardiothoracic - neurosurgery - obstetrics and gynaecology - ophthalmology - orthopaedic surgery - otorhinolaryngology - plastic surgery - restorative surgery - urology - other

HEALTH PROFESSIONS AND OCCUPATIONS - Continued

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
7.15.00	NURSING	<u>Include:</u> <ul style="list-style-type: none"> - disabled persons - geriatric nursing - medical surgery - hospital nursing - obstetric nursing - outpost nursing - paediatric nursing - psychiatric nursing and mental health care - public health and community nursing
7.18.00	OPTOMETRY	
7.21.00	PHARMACY	<u>Include:</u> <ul style="list-style-type: none"> - medicinal pharmacy - pharmaceuticals - pharmaceutical chemistry - therapeutics - pharmacognosy - physical pharmacy - radiopharmacy, bio-nucleonics - pharmaceutical applications of nuclear medicine - clinical pharmacy, hospital pharmacy - other
		<u>Do not include:</u> <ul style="list-style-type: none"> - pharmacology, it should be included with basic medical sciences
7.24.00	EPIDEMIOLOGY AND PUBLIC HEALTH	<p>Science of promotion, protection and restoration of health restoration of health by organized community action</p> <u>Include:</u> <ul style="list-style-type: none"> - community medicine and hygiene - environmental health and hygiene - medical public health - preventive medicine - public health inspection - social medicine - other

HEALTH PROFESSIONS AND OCCUPATIONS - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
	<u>REHABILITATION MEDICINE</u>	
7.27.02	aural and oral rehabilitation	<u>Include:</u> <ul style="list-style-type: none"> - audiology and speech pathology - human communication disorders - rehabilitation of children with hearing and speech impediment
7.27.04	occupational therapy	
7.27.06	physical therapy	
7.27.99	other rehabilitation	
7.36.00	MEDICAL TECHNOLOGY	<u>Include:</u> <ul style="list-style-type: none"> - medical laboratory and science - radiologic technology - other
7.99.00	OTHER HEALTH PROFESSIONS AND OCCUPATIONS	<u>Include:</u> <ul style="list-style-type: none"> - art as applied to medicine - dental hygiene - other

MATHEMATICS AND PHYSICAL SCIENCES

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
8.06.00	COMPUTER SCIENCE	
8.12.00	MATHEMATICS	<u>Include:</u> - actuarial science - statistics
8.15.00	CHEMISTRY	<u>Do not include:</u> - geochemistry - biochemistry
8.18.00	GEOLOGY AND RELATED	<u>Include:</u> - crystallography - geochemistry - geophysics - palaeontology - other
8.21.00	METALLURGY, MATERIALS SCIENCE	<u>Do not include:</u> - metallurgical engineering
	<u>METEOROLOGY</u>	
8.24.04	climatology	
8.24.99	other meteorology	
8.27.00	OCEANOGRAPHY AND WATER STUDIES	<u>Include:</u> - ocean biology - ocean chemistry - ocean geology and geophysics - physical oceanography - other <u>Do not include:</u> - subjects given under geography

MATHEMATICS AND PHYSICAL SCIENCES - Concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
<u>PHYSICS</u>		
8.30.01	astronomy	
8.30.02	aerospace sciences	
8.30.99	other physics	<p data-bbox="813 611 911 638"><u>Include:</u></p> <ul data-bbox="938 611 1484 1157" style="list-style-type: none"> - atomic physics - chemical physics - electricity, magnetism - mathematical physics - mechanics - molecular physics - nuclear physics - optics - physical acoustics - physics of fluids - quantitative physics - quantum mechanics - solid state physics - theoretical physics - thermal physics - thermodynamics and statistical mechanics - wave theory - other <p data-bbox="813 1190 992 1218"><u>Do not include:</u></p> <ul data-bbox="938 1220 1117 1283" style="list-style-type: none"> - geophysics - biophysics

USIS**ELEMENT NO. 270**ELEMENT: Joint specializationMNEMONIC &
ALIASES: SPEJOI

DESCRIPTION: The majority of students will likely have only one specialization or major field of study associated with the degree, diploma or certificate. This should be reported in element 260 and the code 99998 (not applicable) used for element 270. Please do not repeat the specialization reported in element 260.

For those students with two fields of study or specialization, please report the major specialization in element 260 and the minor specialization in element 270. If both specializations are equal in importance (i.e., a major-minor distinction cannot be made), then it does not matter which one is reported in 260 as long as the other one is reported in 270.

CODES: The specialization codes are the same as those given on the preceding pages for element 260
99998 - if student receives one degree, diploma or certificate.