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Education, Culture and Tourism Division

Division de l'éducation, de la culture et du tourisme

University Student Information
System

User Guide



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**Statistics Canada
Education, Culture and Tourism Division
Postsecondary Education Section**

UNIVERSITY STUDENT INFORMATION SYSTEM (USIS)

USIS User Guide

May, 1995

(Disponible en français)

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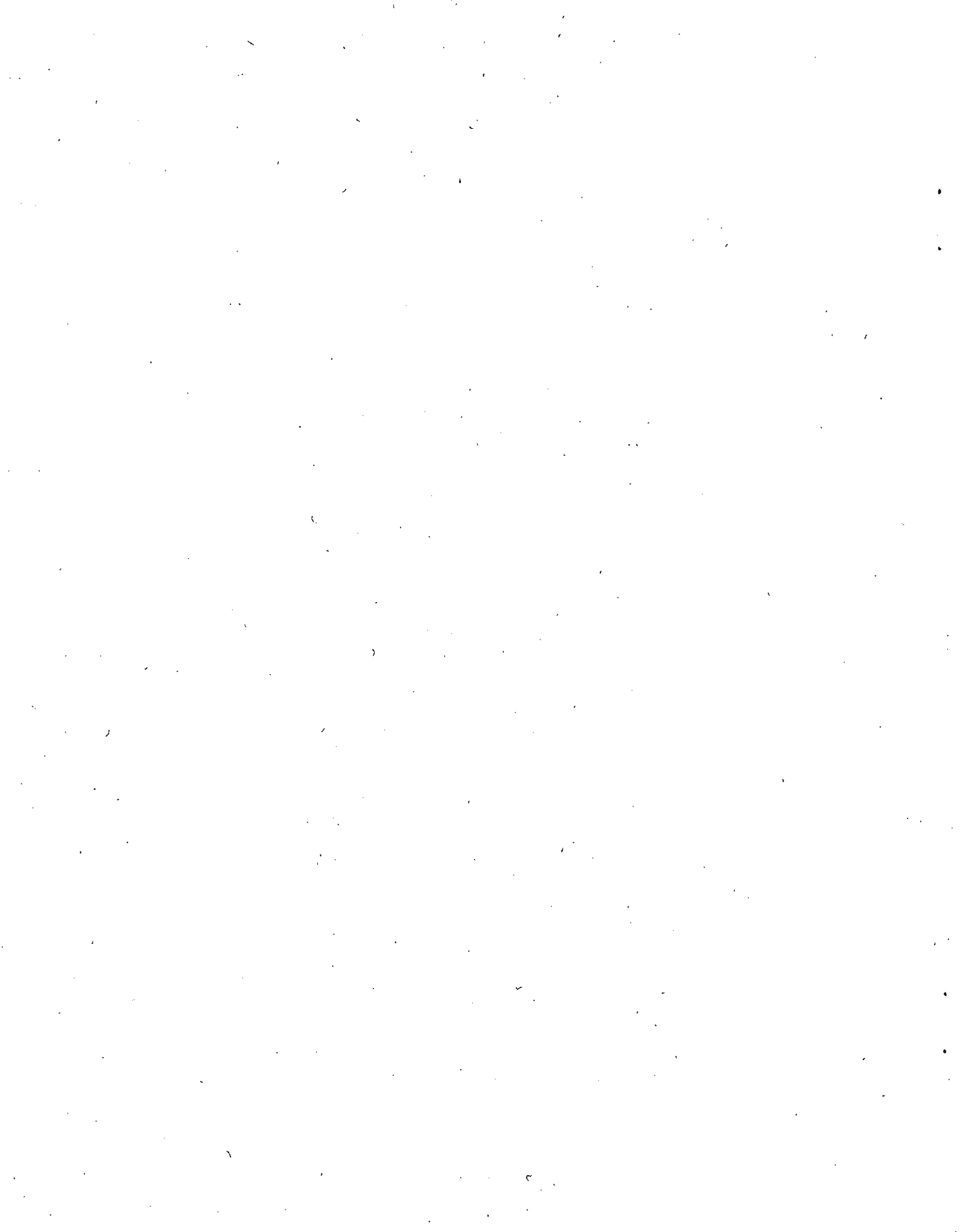


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Introduction

The University Student Information System (USIS) is a national database containing pertinent, up-to-date information on student participation in Canadian degree-granting institutions. This system is aimed at providing information to researchers, managers and policy makers interested in the Canadian university education system.

USIS contains a large amount of information, only a portion of which is made available to the public in a published format. The aim of this guide is to make the entire USIS database more accessible to potential users.

The University Student Information System

The enrolment and graduation data available in the USIS databases are the products of the enrolment and degrees surveys conducted annually by Statistics Canada. Each of these surveys covers all degree-granting institutions.

The information is obtained from the administrative records of Canadian degree-granting institutions, generally in an individual record format. All data are subject to validity and relationship edits by the universities, in some cases by the province and by Statistics Canada. Final summary tabulations are then approved by university administrations before publication or other forms of information dissemination.

University enrolment statistics are available on students enrolled in Canadian degree-granting institutions in programs leading towards a degree, diploma or certificate. These statistics include students enrolled in courses and students who have completed their courses requirements and who are engaged in thesis writing or research. Also included are students taking courses eligible for credit; but who are not seeking a degree, diploma or certificate, e.g. auditors.

The enrolment survey collects information on student counts as of December 1st in all provinces except Ontario, where the reference date is November 1st. This means that each student who attends university in the fall session is counted only once annually, even though the student may be enrolled in more than one program. This student count is used as a proxy for the total number of students enrolled during a complete academic year.

The degrees survey collects information on all students who have received a degree, diploma or certificate during the calendar year ending in December. It is a count of the number of degrees, diplomas and certificates awarded, not the number of individual students who receive them.

Enrolment data is available from the 1972-73 academic year to the present. Degree data is available from 1970 to the present.

Data Dissemination

Currently, access to university student information is made available to users through publications and user-specified data requests. As well, data software presentation packages will soon be made available to the public.

1) Publications

Published material provides a general overview of the most popular fields within the education sector. It also alerts users to the availability of current data.

Publications currently available include:

Statistics Canada Daily. Daily. E&F. #11-001

Education in Canada. Annual. Bil. #81-229.

Education Quarterly Review. Quarterly. Bil. #81-003.

International Student Participation in Canadian Education. Annual. Bil. #81-261.

These Statistics Canada publications may be purchased from local authorized agents and other community bookstores, through the local Statistics Canada offices, by mail order to Marketing Division, Sales and Service, Statistics Canada, Ottawa, K1A 0T6, phone 1(613) 951-7277, facsimile 1(613)951-1584, or by phoning the Toll-Free Order Only Line (Canada and United States) 1-800-267-6677.

Following is a listing of regional Statistics Canada offices including toll-free telephone numbers for users who reside outside the local dialling area:

Halifax	1-902-426-5331	Newfoundland, Labrador, Nova Scotia, New Brunswick and Prince Edward Island	1-800-565-7192
Montreal	1-514-283-5725	Quebec	1-800-361-2831
Ottawa	1-613-951-8116	Ontario	1-800-263-1136
Toronto	1-416-973-6586		
Winnipeg	1-204-983-4020	Manitoba	1-800-661-7828
Regina	1-306-780-5405	Saskatchewan	1-800-667-7164
Calgary	1-403-292-6717	Southern Alberta	1-800-882-5616
Edmonton	1-403-495-3027	Alberta and Northwest Territories	1-800-563-7828
Vancouver	1-604-666-3691	British Columbia and Yukon	1-800-663-1551

2) User-specified Requests

Any information contained in the USIS databases which cannot be found in a publication can be requested by contacting the Education Subdivision of Statistics Canada. Through special requests, we are able to provide access to every element of information included in the databases. We are also able to provide flexibility in the content and presentation of the information and in the medium of presentation. For example, information can be provided in a tabular format on paper or diskette. Diskettes containing databases, for processing with the user's software, can also be provided for users requiring large datasets.

Information can be purchased by contacting the Analytic Outputs and Marketing Section: telephone (613) 951-7474, FAX (613) 951-9040, or Internet at education@statcan.ca.

3) Databases

The Postsecondary Education Section is currently developing a series of data modules on a variety of educational categories related to university enrolment, degrees, staff and finance. Clients will soon be able to purchase data software packages on those subjects which most closely correspond to their needs. These packages will enable clients to browse through large datasets, to carry out simple statistical functions and to export data subsets to their preferred software for further manipulation. The first data software package will contain the following USIS modules:

1. Full-time university enrolment by level, discipline, gender, geographic source of student, Canada and provinces, 1972 to present.
2. Part-time university enrolment by level, discipline, gender, geographic source of student, Canada and provinces, 1972 to present.
3. Graduations by level, discipline, gender, Canada and provinces, 1970 to present.
4. Graduations by level, discipline, gender, Canada and institutions, 1970 to present.

Modules can be ordered by contacting the Analytic Outputs and Marketing Section: telephone (613) 951-7474, FAX (613) 951-9040, or Internet at education@statcan.ca.

How to Obtain More Information

Users who require assistance to determine whether their information needs can be met by through the USIS surveys are encouraged to discuss their requirements with the USIS survey manager at the Postsecondary Education Section (613) 951-8285.

Information availability may be limited by confidentiality regulations and non-response rates.

Enrolment File: Listing of Data Elements

Data elements marked with an asterisk (*) are the most frequently requested variables. Although data users will find some information on these variables in the publications listed on page 6, a greater level of detail may be available through special data requests.

Element Number	Element Description
030	Institution
031	Province of enrolment *
042	Year of enrolment *
080	Gender *
095	Years of age*
110	Mother tongue
120	Immigration status *
130	Country of current citizenship *
155	Geographic source of student/province
170	Current status
171	Educational activity of student last year
190	Registration status *
210	Type of qualification sought *
260	Field of study *
305	Year of study in program

The information available from the following data elements may contain significant limitations. Users interested in these elements should contact the USIS survey manager at (613) 951-8285 to discuss their specific needs and the possible limitations which may apply.

Element Number	Element Description
150	Geographic source of student/country
160	Geographic source of student/country
220	Body awarding diplomas or certificates
240	Title of qualification sought
235	Second qualification sought
250	Honours indicator
270	Joint specialization - second field of study
340	Expected year of graduation

For a detailed breakdown of the data elements in the enrolment file, please see Appendix A.

Degrees File: Listing of Data Elements

Data elements marked with an asterisk (*) are the most frequently requested variables. Although data users will find some information on these variables in the publications listed on page 6, a greater level of detail may be available through special data requests.

Element Number	Element Description
900	Convocation date
901	Year of graduation *
905	Institution awarding degree, diploma or certificate
906	Province of graduation *
030	Institution of registration
080	Gender *
210	Type of qualification received *
260	Field of study *

The information available from the following data elements may contain significant limitations. Users interested in these elements should contact the USIS survey manager at (613) 951-8285 to discuss their specific needs and the possible limitations which may apply.

Element Number	Element Description
240	Title of qualification received
270	Joint specialization - second field of study

For a detailed breakdown of the data elements in the degrees file, please see Appendix B.

Linkage File:

Through record linkage with the enrolment file much information available on the enrolment file is also available on the degrees file. For example, it is possible to obtain information on the age, immigration status and citizenship of graduates. Currently linkage is possible for most institutions, accounting for approximately 70% of the student records for the 1993 survey year.

Users interested in obtaining degrees information involving linkage with the enrolment file should contact the USIS survey manager at (613) 951-8285.



APPENDIX A: DESCRIPTION OF DATA ELEMENTS

ENROLMENT FILE



ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
030	INSTITUTION	
		<u>Newfoundland</u>
		10 01 11 Memorial Univ. of Newfoundland
		10 01 12 Sir Wilfred Grenfell College
		10 01 14 Memorial Off-Campus Centres
		<u>Prince Edward Island</u>
		11 01 11 University of Prince Edward Island
		<u>Nova Scotia</u>
		12 01 11 Acadia University
		12 01 12 Acadia Divinity College
		12 02 11 Atlantic School of Theology
		12 03 11 Université Ste-Anne
		12 04 11 Dalhousie University
		12 05 11 Mount St. Vincent University
		12 06 11 Nova Scotia College of Art and Design
		12 07 11 Technical University of Nova Scotia
		12 08 11 St. Francis Xavier University
		12 08 12 Coady International Institute
		12 09 11 Saint Mary's University
		12 10 11 University of King's College
		12 12 11 University College of Cape Breton
		12 41 11 Nova Scotia Agricultural College
		12 45 11 Nova Scotia Teacher's College
		<u>New Brunswick</u>
		13 01 11 Mount Allison University
		13 02 11 University of New Brunswick
		13 02 12 Fredericton Branch
		13 02 13 St. John Branch
		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 St. Thomas University
		13 05 11 Bethany Bible College
		<u>Quebec</u>
		24 01 11 Bishop's University
		24 01 12 Thomas More Institute for Adult Education
		24 02 11 McGill University
		24 04 12 Université de Montréal
		24 04 13 École polytechnique
		24 04 14 École des hautes études commerciales
		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

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
030		24 06 16 Université du Québec à Hull
Cont'd		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 Université Laval
		24 08 11 Université de Sherbrooke
		24 09 11 Concordia University
		24 10 11 Collège Militaire Royal de St-Jean
		Ontario
		35 01 11 Brock University
		35 01 12 Brock College of Education
		35 01 13 Concordia Lutheran
		35 02 11 Carleton University
		35 03 11 University of Guelph
		35 04 11 Lakehead University
		35 05 11 Laurentian University
		35 05 12 Algoma University College
		35 05 14 Le collège universitaire de Hearst
		35 06 11 McMaster University
		35 06 12 McMaster Divinity College
		35 07 11 Université d'Ottawa
		35 07 12 Université Saint-Paul
		35 08 11 Queen's University
		35 08 12 Queen's Theological College
		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
		35 10 11 Trent University
		35 11 11 University of Waterloo
		35 11 12 University of St. Jerome's College
		35 11 15 Renison College
		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 University of Windsor

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
030 Cont'd		York University Atkinson College Glendon College Wilfrid Laurier University Waterloo Lutheran Seminary Royal Military College Coll. Dominicain de Philosophie et de Théologie Coll. Dominicain-Montréal-Institut de pastoral Ontario Bible College Ontario Theological Seminary Ryerson Polytech University Redeemer College Nipissing University
		<u>Manitoba</u>
		46 01 11 Brandon University 46 02 11 Canadian Nazarene College 46 03 11 University of Manitoba Collège de Saint-Boniface St. Andrew's College 46 04 11 Concord College 46 05 11 University of Winnipeg 46 06 11 Canadian Mennonite Bible College 46 07 11 Catherine Booth Bible College
		<u>Saskatchewan</u>
		47 01 11 University of Saskatchewan College of Emmanuel and St. Chad Lutheran Theological Seminary St. Andrew's College St. Thomas More College St. Joseph's College St. Peter's College Central Pentecostal College 47 02 11 University of Regina Campion College Luther College Saskatchewan Indian College 47 05 11 Canadian Bible College 47 06 11 Canadian Theological College
		<u>Alberta</u>
		48 01 11 University of Alberta North American Baptist College 48 02 11 The University of Calgary 48 03 11 Canadian Union College 48 04 11 University of Lethbridge 48 05 11 Newman Theological College 48 07 11 Athabasca University

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
030 Concluded		48 09 11 Augustana University College 48 10 11 The King's College 48 11 11 Concordia College
		<u>British Columbia</u>
		59 01 11 University of British Columbia 59 01 12 Vancouver School of Theology 59 01 13 Regent College 59 03 11 Royal Roads Military College 59 04 11 Northwest Baptist Theological College 59 05 11 Seminary of Christ the King 59 06 11 Simon Fraser University 59 07 11 University of Victoria 59 09 11 Trinity Western University 59 09 12 Canadian Baptist Seminary 59 10 11 University of Northern British Columbia 59 11 11 Open Learning Institute
031	PROVINCE OF ENROLMENT	Codes (first 2 digits of element 030) 10 - Newfoundland 11 - Prince Edward Island 12 - Nova Scotia 13 - New Brunswick 24 - Quebec 35 - Ontario 46 - Manitoba 47 - Saskatchewan 48 - Alberta 59 - British Columbia
042	YEAR OF ENROLMENT	last 2 digits of the reporting date, e.g., 011294 = 94
080	GENDER	1 - Male 2 - Female
095	YEARS OF AGE	Actual age in years
110	MOTHER TONGUE	1 - English 2 - French 3 - Other 9 - Not reported
120	IMMIGRATION STATUS	0 - Canadian Citizen 1 - Permanent Resident 2 - Student Visa 3 - Other Visa (includes students in Canada on diplomatic, trade or other missions) 4 - Not Canadian, status unknown (includes refugees and other foreign students whose status is not determined)

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
130	COUNTRY OF CURRENT CITIZENSHIP	See Appendix C for country codes.
155	GEOGRAPHIC SOURCE OF STUDENT/PROVINCE	10 - Newfoundland 11 - Prince Edward Island 12 - Nova Scotia 13 - New Brunswick 24 - Quebec 35 - Ontario 46 - Manitoba 47 - Saskatchewan 48 - Alberta 59 - British Columbia 60 - Yukon 61 - Northwest Territories 97 - Canadian citizen living abroad 98 - Student is not a Canadian citizen or a permanent resident 99 - Not known Indicates the home province of the student (where student completed high school if student is enrolled in university within a year following high school completion, or the province of permanent residence on the university application form if high school completion was more than one year ago).
170	CURRENT STATUS	1 - Returning/on-going student (enrolled in same institution within the last 12 months) 2 - Re-entering student (enrolled in same institution at some time in the past but not in the last 12 months) 3 - New student (enrolled in this university for the first time) 4 - Not new student (cannot determine whether returning/ on-going or re-entering)
171	EDUCATIONAL ACTIVITY OF STUDENT LAST YEAR	<u>Enrolled at your institution</u> 10 - full-time 11 - part-time 19 - registration status unknown <u>Attending another university</u> 20 - in the same province 21 - in another province/country <u>Attending a postsecondary non-university institution</u> 30 - in the same province 31 - in another province/country <u>Attending a high school</u> 40 - in the same province 41 - in another province/country <u>Other students</u> 98 - student was not attending school last year 99 - not known

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
190	REGISTRATION STATUS	12 - Full-time Interns (medical) (historical no longer offered) 13 - Full-time Residents (medical) 14 - Full-time Off-campus centres 15 - Full-time Co-op (off campus or work term) 16 - Full-time Other (all full-time students not specifically designated in other full-time categories) 18 - Full-time Co-op (on campus or course study term) 24 - Part-time Off-campus centres 25 - Part-time Co-op (off campus or work term) 26 - Part-time Other (all part-time students not specifically designated in other part-time categories) 27 - Correspondence and/or multi-media 28 - Part-time Co-op (on campus or course study term)
		The specific criteria for determining full or part-time status is defined by the institution not Statistics Canada.
210	TYPE OF QUALIFICATION SOUGHT	<p><u>NON-UNIVERSITY</u> 71 - Non-university type certificate 81 - Non-university type diploma 91 - None: taking none-university type courses</p> <p><u>UNDERGRADUATE</u> 03 - Preliminary year/pre-Bachelor 13 - Bachelor degree 23 - Continuing/upgrading - post-Bachelor courses, but <u>not</u> for 2nd Bachelor degree or graduate school 33 - First Professional degree 43 - License undergraduate 53 - Licentiate 63 - Testamur 73 - Undergraduate level certificate 83 - Undergraduate level diploma 93 - None: taking undergraduate level courses</p> <p><u>GRADUATE</u> 25 - License graduate 35 - Master's - qualifying year 45 - Master's degree 55 - Ph.D. qualifying year or probationary 65 - Ph.D. 15 - Equivalent earned Doctorate 75 - Graduate level certificate 85 - Graduate level diploma 95 - None: taking graduate level courses, includes medical interns and residents</p>

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
210 Concluded		<p>Users most frequently request that data be divided into undergraduate and graduate enrolments. The next most common grouping of codes is provided below (codes included in each category are indicated in brackets).</p> <ul style="list-style-type: none"> 1 - Bachelors and equivalent (13,33) 2 - Undergraduate Diplomas and Certificates (43, 53, 63, 73, 83) 3 - Other Undergraduate (03, 23, 71, 81, 91, 93) 4 - Master's Degrees (25,45) 5 - Doctoral Degrees (15, 55, 65) 6 - Graduate Diplomas and Certificates (75, 85) 7 - Other Graduate (35, 95)
260	FIELD OF STUDY	<p>See Appendix D for specialization codes</p> <p>Three levels of detail are available:</p> <ul style="list-style-type: none"> 1. very general -1 digit e.g. Social Sciences (code = 4) 2. fairly detailed - 3 digits e.g. Specialized Administration Studies (code = 414) 3. very detailed - 5 digits e.g. Public Administration (code = 41401) <p>Users should determine which level of detail best suits their requirements.</p>
305	YEAR OF STUDY IN PROGRAM	<p>Indicates progression of student towards fulfilling program requirements regardless of the time in which the specific individual takes to complete those requirements (e.g. Student in 3rd year of a 4 year program if he/she has completed more than half and less than three-quarters of the course requirements).</p>

ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
DATA ELEMENTS FOR WHICH LIMITATIONS MAY APPLY		
150	GEOGRAPHIC SOURCE OF STUDENT/COUNTRY	Same codes as Element 130. See Appendix C. Indicates country from which a student has moved in order to study in Canada (whether or not as a citizen of that country); includes also students residing in the United States who travel daily to a Canadian university.
160	GEOGRAPHIC SOURCE OF STUDENT/COUNTRY	Codes for individual counties.
220	BODY AWARDING DIPLOMAS AND CERTIFICATES	Indicates whether diplomas or certificates are awarded by a professional body or provincial department other than or in combination with the university.
240	TITLE OF QUALIFICATION SOUGHT	Refers to the specific degree sought, (e.g. B.A., B.Sc., M.S.W.)
235	SECOND QUALIFICATION SOUGHT	Same codes as Element 240.
250	HONOURS INDICATOR	Codes for honours indicators for Bachelor degree programs.
270	JOINT SPECIALIZATION - SECOND FIELD OF STUDY	Same codes as Element 260. See Appendix D.
340	EXPECTED YEAR OF COMPLETION	Expected year of completion

APPENDIX B: DESCRIPTION OF DATA ELEMENTS

DEGREES FILE



ELEMENT CODE	DESCRIPTION	ELEMENT CATEGORY CODES
900	CONVOCAATION DATE	The actual date (month and year) in which student receives degree, diploma or certificate.
901	YEAR OF GRADUATION	Last 2 digits of the convocation date (Element 900). e.g. 0593 = 93
905	INSTITUTION AWARDDING DEGREE, DIPLOMA OR CERTIFICATE	Usually same as institution of registration; also allows for awarding of certificate or diploma by a professional body or provincial department of education. Same codes as Enrolment Element 030.
906	PROVINCE OF GRADUATION	Province of institution awarding degree, diploma or certificate. Same codes as Enrolment Element 031.
030	INSTITUTION OF REGISTRATION	Same codes as Enrolment Element 030.
080	GENDER	1 - Male 2 - Female
210	TYPE OF QUALIFICATION RECEIVED	Same codes as Enrolment Element 210.
260	FIELD OF STUDY	Same codes as Enrolment Element 260. (codes 99998 and 99999 excluded)

DATA ELEMENTS FOR WHICH LIMITATIONS MAY APPLY

240	TITLE OF QUALIFICATION RECEIVED	Same codes as Enrolment Element 240.
270	JOINT SPECIALIZATION - SECOND FIELD OF STUDY	Same codes as Enrolment Element 270.



APPENDIX C - ELEMENT 130, 150

COUNTRY CODES



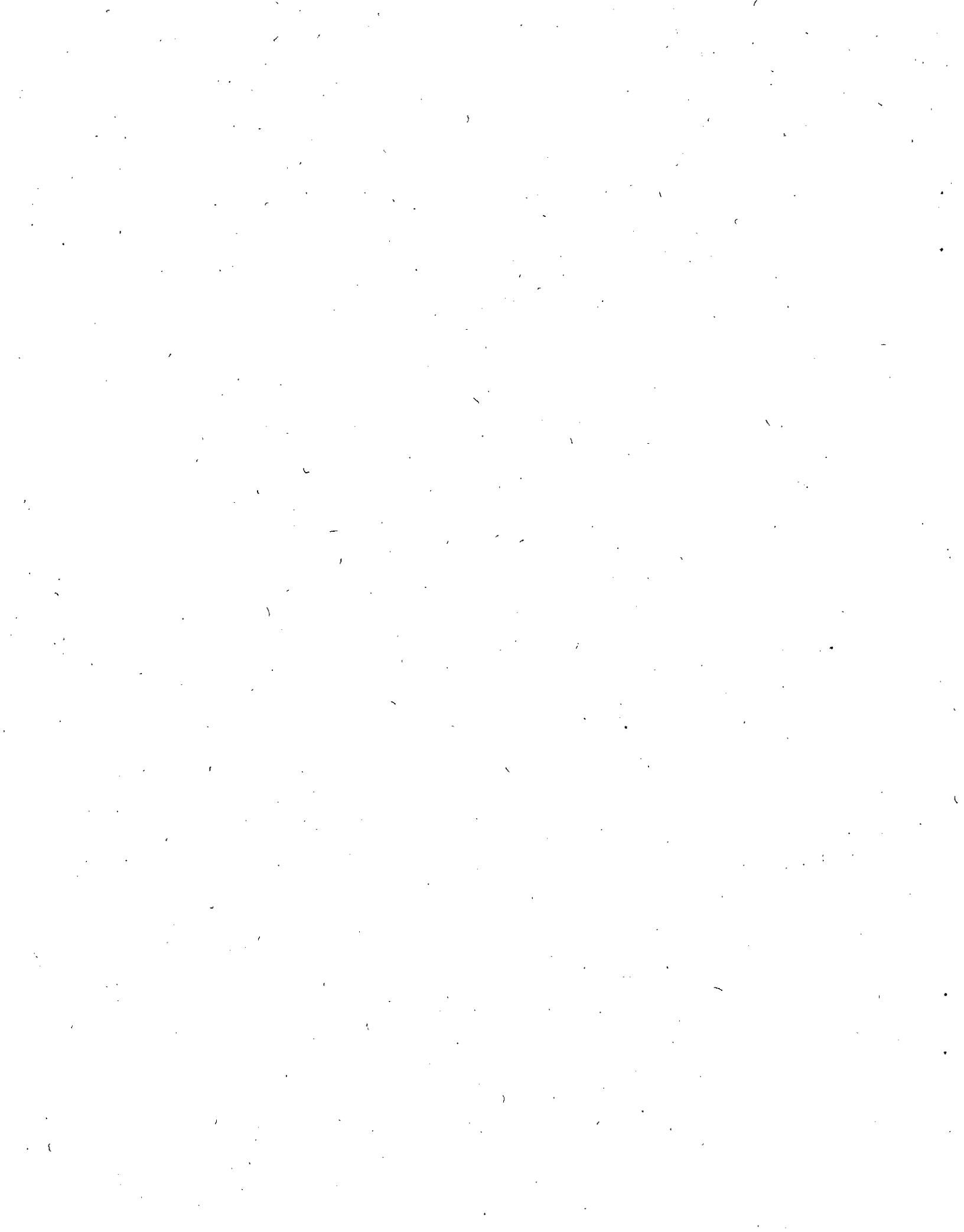
COUNTRY	CODE	COUNTRY	CODE
Afghanistan	00742	China, People's Republic	13644
Albania	01353	China, Republic of (See Taiwan)	
Algeria	01611	Christmas Island	13762
American Samoa	01962	Cocos Islands (Keeling)	13962
Andorra	02253	Colombia	14231
Angola	02512	Comoros	14512
Anguilla	02623	Congo	14812
Antigua and Barbuda	02823	Cook Islands	15462
Argentina	03131	Costa Rica	15722
Armenia	03253	Côte d'Ivoire	31312
Aruba	02923	Croatia	15853
Australia	03461	Cuba	16023
Austria	03752	Cyprus	16341
Azerbaijan	03953	Czech Republic	16552
Azores	03853		
		Denmark	17251
Bahamas	04023	Djibouti	21412
Bahrain	04341	Dominica	17523
Bangladesh	04542	Dominican Republic	17823
Barbados	04623		
Belarus	05052	East Timor	49943
Belgium	05551	Ecuador	18131
Belize	07322	Egypt	65211
Benin	16912	El Salvador	18422
Bermuda	05821	England	65851
Bhutan	06142	Equatorial Guinea	18512
Bolivia	06431	Estonia	18651
Bosnia - Hercegovina	06653	Ethiopia	18712
Botswana	06512		
Brazil	06731	Falkland Island	19331
British Virgin Islands	68523	Faroe Islands	19051
British West Indies	08223	Fiji	19662
Brunei Darussalam	08543	Finland	19951
Bulgaria	08853	France	20251
Burkina Faso	67012	French Guyana	20831
Burundi	09412	French Polynesia	21162
Cameroon	10312	Gabon	22012
Canada	80021	Gambia	22312
Canal Zone (Panama)	10922	Georgia	22553
Canary Islands	10011	Germany	22652
Cape Verde	11212	Ghana	23812
Cayman Islands	11523	Gibraltar	24153
Central African Republic	11812	Greece	24753
Ceuta	12111	Greenland	25021
Chad	12712	Grenada	25323
Channel Islands	12851	Guadeloupe	25623
Guernsey		Guam	25962
Jersey		Guatemala	26222
Chile	13031	Guinea	26512

COUNTRY	CODE	COUNTRY	CODE
Guinea-Bissau	49312	Malta	37353
Guyana	26631	Martinique	37623
Haiti	26823	Mauritania	37912
Honduras	27722	Mauritius	38212
Hong Kong	28044	Mayotte	38312
Hungary	28352	Mellila	38511
Iceland	28651	Mexico	38822
India	29242	Moldova	39052
Indonesia	29543	Monaco	39151
Iran	29841	Mongolia	39444
Iraq	30141	Montserrat	39723
Ireland/Eire	30451	Morocco	40011
Isle of Man	30651	Mozambique	41212
Israel	30741	Myanmar (Burma)	09143
Italy	31053	Namibia	58612
Jamaica	31623	Nauru	41862
Japan	31944	Nepal	42142
Jordan	32241	Netherlands	42451
Kampuchea, Democratic	09743	Netherlands Antilles	42723
Kazakhstan	32342	Neutral Zone (Bonaire, Curacao, Saba, St. Eustatius and Southern St. Martin)	44041
Kenya	32512	New Caledonia	43062
Kirabiti	32662	New Zealand	43961
Korea, Democratic		Nicaragua	44222
People's Republic of (North)	33144	Niger	44512
Korea, Republic of (South)	32844	Nigeria	44812
Kuwait	33441	Niue	45162
Kyrgyzstan	33542	Norfolk Island	45462
Lao	33743	Northern Ireland	66151
Latvia	33851	Norway	46051
Lebanon	34041	Oman	41541
Leeward Island	34323	Pacific Island Trust Terr. (Micronesia, Northern Mariana Island, Palau & Marshall Island)	46362
Lesotho	34412	Pakistan	46642
Liberia	34612	Palestine	46741
Libya	34911	Panama	46922
Liechtenstein	35252	Papua New Guinea	43362
Lithuania	35351	Paraguay	47531
Luxembourg	35551	Peru	47831
Macau	35844	Philippines	48143
Madagascar	36112	Pitcairn	48462
Malawi	36212	Poland	48752
Malaysia	36443	Portugal	49053
Maldiv Islands	36742	Puerto Rico	50223
Mali	37012		

COUNTRY	CODE	COUNTRY	CODE
Qatar	50541	Trinidad and Tobago	63123
Réunion	50812	Tunisia	63711
Romania	52653	Turkey	64041
Russia	64971	Turkmenistan	64441
Rwanda	52912	Turks and Caicos Islands	64323
Ryukyu Island	53244	Tuvalu	24462
San Marino	55053	Uganda	64612
Sao Tome & Principe	55312	Ukraine	64752
Saudi Arabia	55941	United Arab Emirates	63441
Scotland	66451	United Kingdom	65551
Senegal	56212	United States	66721
Seychelles	56512	Uruguay	67331
Sierra Leone	56812	Uzbekistan	65642
Singapore	57443	Vanuatu	43662
Slovak Republic	56952	Vatican City State	67553
Slovenia	57053	Venezuela	67631
Solomon Islands	07662	Viet Nam	68243
Somalia	57712	Virgin Island (U.S)	68823
South Africa	58312	Wake and Midway Islands	69162
Bophuthatswana		Wales	66551
Ciskei		Wallis and Fortuna Island	69262
Transkei		Western Sahara	69311
Venda		Western Samoa	69462
Spain	58953	Windward Island	69723
Spanish Sahara	59511	Yemen	70041
Sri Lanka	12442	Yemen, Democratic	58741
St. Helena	53512	Zaire	15112
St. Kitts and Nevis	53823	Zambia	70512
St. Lucia	54123	Zimbabwe	51112
St. Pierre and Miquelon	54421	Stateless	99988
St. Vincent and the Grenadines	54723	Country not reported	99999
Sudan	59812		
Suriname	60131		
Svalbard and Jan Mayen Islands	60251		
Swaziland	60412		
Sweden	60751		
Switzerland	61052		
Syria	61341		
Taiwan, Republic of China	61544		
Tajikistan	61442		
Tanzania, United Rep. of	61612		
Thailand	61943		
Togo	62212		
Tokelau	62562		
Tonga	62862		



APPENDIX D: ELEMENT 260, 270
FIELD OF STUDY CLASSIFICATIONS



MAJOR FIELD CODE	FIELD DESCRIPTION
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
9.99.98	Not applicable/none
9.99.99	Not reported



EDUCATION, PHYSICAL EDUCATION, RECREATION AND LEISURE

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
1.18.00	ELEMENTARY/SECONDARY TEACHER TRAINING	<u>Include:</u> - art education - commercial education - business education - special education (teaching the blind/deaf and/or mute, emotionally and socially maladjusted, highly gifted, intercultural education, physically handicapped, remedial reading, occupational education) home economics education industrial arts (technical, vocational education) - music education - family, sex life education - teaching or hygiene - intermediate education - religious education - adult, continuing, extension education - other teaching fields
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.	<u>Include:</u> - 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 KINANTHRO- POLOGY	
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 - Acadian - 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 LITERATURE, 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. 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	
3.12.00	LIBRARY SCIENCE	

HUMANITIES AND RELATED - concluded

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
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 area.
4.09.10	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
4.13.00	CRIMINOLOGY	<u>Include:</u> - penology and related - correctional administration

SOCIAL SCIENCES AND RELATED - Continued

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
	<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>	
4.40.08	regional, rural, urban, city planning and community development	<u>Do not include:</u> - architecture - 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
4.13.00	CRIMINOLOGY	<u>Include:</u> - penology and related - correctional administration
4.46.00	PSYCHOLOGY	<u>Include:</u> - abnormal psychology - pathological psychology - behavioral 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 <u>Do not include:</u> - 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	<u>Include:</u> - 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	<u>Include:</u> - naval/airforce/army studies - strategy and tactics - war, military history - other
4.57.00	OTHER SOCIAL SERVICES	<u>Include:</u> - day care workers programmes - vocational and family counselling <u>Do not include:</u> - 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, bio-physics veterinary science

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>Do not include:</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> <ul style="list-style-type: none"> - 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 SPECIALTIES	<u>Include:</u> <ul style="list-style-type: none"> - veterinary surgery
5.24.00	ZOOLOGY	<u>Include:</u> <ul style="list-style-type: none"> - animal anatomy - animal ecology - animal histology - entomology - ichthyology - invertebrate zoology - mammalogy - marine biology - ornithology - protozoology - vertebrate zoology - other <u>Do not include:</u> <ul style="list-style-type: none"> - palaeontology; it should be included with geology
5.25.00	TOXICOLOGY	<u>Do not include:</u> <ul style="list-style-type: none"> - medical toxicology

ENGINEERING AND APPLIED SCIENCES

CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
6.03.00	ARCHITECTURE	<u>Do not include:</u> <ul style="list-style-type: none"> - 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> - 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> - 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 programmes
	<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 - respirology - 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	<p><u>Include:</u></p> <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	<p><u>Include:</u></p> <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
		<p><u>Do not include:</u></p> <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 by organized community action</p> <p><u>Include:</u></p> <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

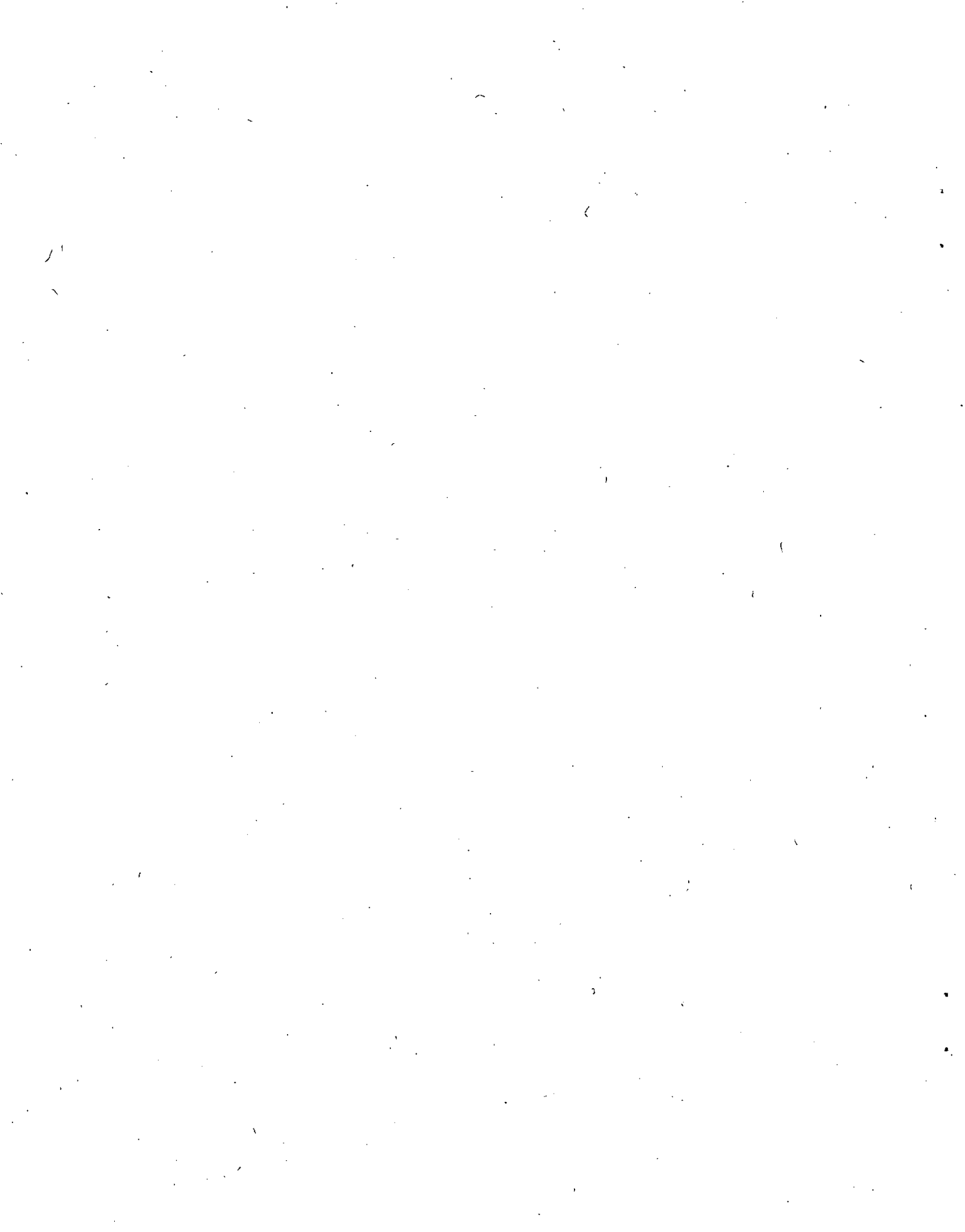
CODE	DISCIPLINE DESCRIPTION	INCLUSIONS AND EXCLUSIONS
	<u>REHABILITATION MEDICINE</u>	
7.27.02	aural and oral rehabilitation	<u>Include:</u> - audiology and speech pathology - human communication disorders - rehabilitation of children with hearing and speech impediment
7.27.04	occupational therapy	
7.27.06	physical therapy	
7.27.99	other rehabilitation	
7.36.00	MEDICAL TECHNOLOGY	<u>Include:</u> - medical laboratory and science - radiologic technology - other
7.99.00	OTHER HEALTH PROFESSIONS AND OCCUPATIONS	<u>Include:</u> - art as applied to medicine - dental hygiene - other

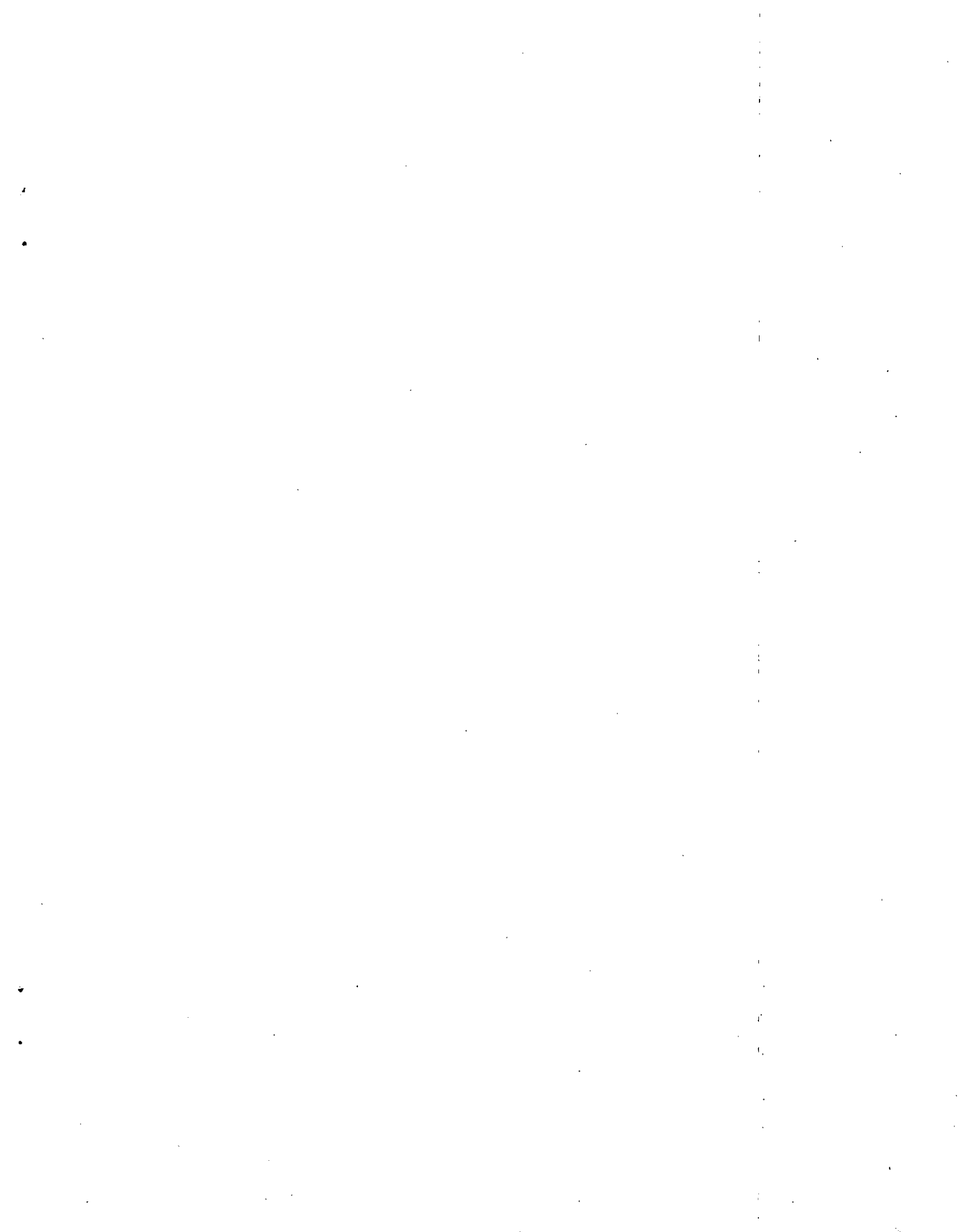
MATHEMATICS AND PHYSICAL SCIENCES

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="813 561 906 586"><u>Include:</u></p> <ul data-bbox="935 561 1243 1156" 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 1197 992 1222"><u>Do not include:</u></p> <ul data-bbox="935 1228 1122 1286" style="list-style-type: none"> - geophysics - biophysics





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