

### FORMS & INSTRUCTIONS for FTP or CD Submission of your Doctoral Dissertation or Master's Thesis

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- Whenever possible, use full proper names. For example: "Samuel Clemens" not "S. Clemens"; *Hyla arenicolor*, not *H. arenicolor*.

- Try to spell out abbreviations for specialized vocabulary; e.g., "Triassic" rather than "Tr."
- Use word substitutes for formulas, symbols, superscripts, subscripts, Greek characters, etc. For example, use "potassium", not "K"; "first", not "1<sup>st</sup>"; "delta", not "Δ".
- Be sure to include all appropriate accents and diacritical marks.

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The first (primary) subject category that you enter is the one under which your dissertation or thesis will occur in our citation and abstract indices. Using Guide 2: ProQuest Subject Categories (attached), choose the category that most closely corresponds with the field in which you did your graduate research. You may add one or two more secondary subject categories; these will be associated with your work and may increase its exposure to search engines.

#### Keywords

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- Signed ProQuest Publishing Agreement
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- 1 extra copy of your Abstract, identical to the one in your manuscript
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- Any payments you will make directly to ProQuest LLC (either a certified check in U.S. dollars or valid postal money order in U.S. dollars)
- Any permission letters necessary to use material under another copyright in your manuscript
- Copyright Registration Form, if you want us to register your copyright
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### Checklist

- Have you indicated your choice of Open Access Publishing Plus or Traditional Publishing?
- Have you indicated any necessary embargoes or restrictions?
- Have you signed the ProQuest Publishing Agreement in the space provided?
- Have you indicated the type of manuscript that you are submitting (Master's Thesis or Doctoral Dissertation)?
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- Have you provided a permanent or future email address where we can reach you if there are any problems processing your submission?
- If you chose to have us register your copyright, have you completed the Copyright Registration Form?
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- Have you indicated one or more subject categories that describe your disciplinary area?
- Have you provided keywords that will help search engines discover your research?
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- Preparing Your Manuscript
- ProQuest Subject Categories
- Open Access versus Traditional Publishing
- Embargoes and Restrictions
- Copyright Guide

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- □ No I would like access to the full text of my Work to be delayed for the following period of time:
  - □ 6 month embargo
  - □ 1 year embargo
  - □ 2 year embargo

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Personal Information				D (Dissertation)
Last Name			Middle Name or Initial	
			Country(ies) of	
			Citizenship	
Degree & Dissertation Inform				
Title of Dissertation/Thesis				
Institution conferring				Degree awarded (abbreviate; e.g., Ph.D.)
College, School, or Division				Year degree awarded Year manuscript
Department or Program				completed
Advisor/Committee Chair				
Committee Member		Committee Member Committee		
Committee Member		Member Committee		
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# Guide 2: Subject Categories 2015-2016 Academic Year

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# Arts, Business, Education, Humanities, and Social Sciences

AREA, ETHNIC, AND GENDER			
<u>STUDIES</u>			
African American studies	0296		
African studies	0293		
American studies	0323		
Asian American studies	0343		
Asian studies	0342		
Baltic studies	0361		
Black studies	0325		
Canadian studies	0385		
Caribbean studies	0432		
Classical studies	0434		
East European studies	0437		
Ethnic studies	0631		
European studies	0440		
French Canadian culture	0482		
Gender studies	0733		
LGBTQ studies	0492		
Hispanic American studies	0737		
Holocaust studies	0507		
Islamic studies	0512		
Judaic studies	0751		
Latin American studies	0550		
Middle Eastern studies	0555		
Native American studies	0740		
Near Eastern studies	0559		
North African studies	0560		
Pacific Rim studies	0561		
Regional studies	0604		
Scandinavian studies	0613		
Slavic studies	0614		
South African studies	0654		
South Asian studies	0638		
Sub Saharan Africa studies	0639		
Women's studies	0453		

<b>BUSINESS</b>	
Accounting	0272
Arts management	0424
Banking	0770
Business administration	0310
Entrepreneurship	0429
Finance	0508
Management	0454
Marketing	0338
Sports management	0430

COMMUNICATIONS AND INFORMATION SCIENCES

Communication	0459
Information science	0723
Journalism	0391
Library science	0399
Mass communication	0708
Technical communication	0643
Web studies	0646

# FINE AND PERFORMING ARTS

Art criticism	0365
Art history	0377
Cinematography	0435
Dance	0378
Design	0389
Fashion	0200
Film studies	0900
Fine arts	0357
Music	0413
Musical performances	0943
Performing arts	0641
Theater	0465
Theater history	0644

### ARCHITECTURE

Architecture	0729
Architectural engineering	0462
Landscape architecture	0390

### EDUCATION

Adult education	0516
Art education	0273
Bilingual education	0275
5	
Business education	0688
Community college education	0275
Continuing education	0651
Curriculum development	0727
Early childhood education	0518
Education	0515
Education finance	0277
Education history	0520
Education policy	0458
Educational administration	0514
Educational evaluation	0443
Educational leadership	0449
Educational philosophy	0998
Educational psychology	0525
Educational sociology	0340
Educational technology	0710
Educational tests & measurements	0288
Elementary education	0524
English as a second language	0441
Foreign language education	0444
Gifted education	0445
Health education	0680
Higher education	0745
Higher education administration	0446
Home economics education	0278
Industrial arts education	0521
Instructional design	0447
Language arts	0279
Mathematics education	0280
Middle school education	0450
Multicultural education	0455
Music education	0522
Pedagogy	0456
Performing arts education	0457
Physical education	0523
Reading instruction	0535
Religious education	0555
School counseling	0527
Science education	0519
Secondary education	0533
Social sciences education	0534
Special education	0529
Teacher education	0530
Vocational education	0747

### **HISTORY**

African history	0331
American history	0337
Ancient history	0579
Asian history	0332
Black history	0328
Canadian history	0334
European history	0335
History	0578
History of Oceania	0504
Latin American history	0336
Medieval history	0581
Middle Eastern history	0333
Military history	0722
Modern history	0582
Russian history	0724
Science history	0585
World history	0506

### LANGUAGE AND LITERATURE

African literature	0316
American literature	0591
Ancient languages	0289
Asian literature	0305
Australian literature	0356
Canadian literature	0352
Caribbean literature	0360
Classical literature	0294
Comparative literature	0295
Creative writing	0203
English literature	0593
French Canadian literature	0355
German literature	0311
Icelandic & Scandinavian literature	0362
Language	0679
Latin American literature	0312
Linguistics	0290
Literature	0401
Medieval literature	0297
Middle Eastern literature	0315
Modern language	0291
Modern literature	0298
Rhetoric	0681
Romance literature	0313
Slavic literature	0314

### LAW AND LEGAL STUDIES

Alternative dispute resolution	0649
Intellectual property	0513
International law	0616
Law	0398
Patent law	0562

# SOCIAL SCIENCES

JOCIAL JULINELS	
Archaeology	0324
Area planning and development	0341
Commerce-Business	0505
Criminology	0627
Cultural anthropology	0326
Demography	0938
Economic history	0509
Economic theory	0511
Economics	0501
Folklore	0358
Forensic anthropology	0339
Geography	0366
Individual & family studies	0628
International relations	0601
Labor economics	0510
Labor relations	0629
Military studies	0750
Organization theory	0635
Organizational behavior	0703
Peace studies	0563
Physical anthropology	0327
Political Science	0615
Public administration	0617
Public policy	0630
Recreation	0814
Social research	0344
Social structure	0700
Social work	0452
Sociolinguistics	0636
Sociology	0626
Transportation	0709
Urban planning	0999

# INTERDISCIPLINARY

0363
0304
0404
0436
0791
0359
0386
0489
0558
0730
0640
0994
0746

### PHILOSOPHY AND RELIGION

Aesthetics	0650
Biblical studies	0321
Canon law	0375
Clergy	0319
Comparative religion	0618
Divinity	0376
Epistemology	0393
Ethics	0394
Logic	0395
Metaphysics	0396
Pastoral counseling	0397
Philosophy	0422
Philosophy of religion	0322
Philosophy of science	0402
Religion	0318
Religious history	0320
Spirituality	0647
Theology	0469

# Behavioral, Natural, and Physical Sciences

# AGRICULTURE

Agriculture	0473
Agriculture economics	0503
Agriculture education	0517
Agriculture engineering	0539
Agronomy	0285
Animal diseases	0476
Animal sciences	0475
Aquatic sciences	0792
Forestry	0478
Horticulture	0471
Plant pathology	0480
Plant sciences	0479
Range management	0777
Soil sciences	0481
Urban forestry	0281
Wildlife management	0286

### **BEHAVIORAL SCIENCES**

Behavioral psychology	0384
Behavioral sciences	0602
Clinical psychology	0622
Cognitive psychology	0633
Counseling psychology	0603
Developmental psychology	0620
Experimental psychology	0623
Occupational psychology	0624
Personality psychology	0625
Physiological psychology	0989
Psychobiology	0349
Psychology	0621
Quantitative psychology	0632
Social psychology	0451

### **BIOLOGICAL SCIENCES**

Biochemistry	0487
Bioinformatics	0715
Biology	0306
Biomechanics	0648
Biophysics	0786
Biostatistics	0308
Botany	0309
Cellular biology	0379
Developmental biology	0758
Endocrinology	0409
Entomology	0353
Evolution & development	0412
Genetics	0369
Histology	0414
Limnology	0793
Microbiology	0410
Molecular biology	0307
Morphology	0287
Neurosciences	0317
Parasitology	0718
Physiology	0719
Systematic biology	0423
Virology	0720
Zoology	0472

### ECOSYSTEM SCIENCES

ECOSTSTEIVI SCIEINCES	
Ecology	0329
Macroecology	0420
Paleoecology	0426
ENGINEERING	
Aerospace engineering	0538
Artificial intelligence	0800
Automotive engineering	0540
Biomedical engineering	0541
Chemical engineering	0542
Civil engineering	0543
Computer engineering	0464
Computer science	0984
Electrical engineering	0544
Engineering	0537
Geological engineering	0466
Geophysical engineering	0467
Geotechnology	0428
Industrial engineering	0546
Mechanical engineering	0548
Mining	0551
Naval engineering	0468
Nanotechnology	0652
Nuclear engineering	0552
Ocean engineering	0547
Operations research	0796
Packaging	0549
Petroleum engineering	0765
Plastics	0795
Robotics	0771
System science	0790

### **ENVIRONMENTAL SCIENCES**

Conservation biology	0408
Environmental economics	0438
Environmental education	0442
Environmental engineering	0775
Environmental geology	0407
Environmental health	0470
Environmental justice	0619
Environmental law	0439
Environmental management	0474
Environmental philosophy	0392
Environmental science	0768
Environmental studies	0477
Land use planning	0536
Natural resource management	0528
Water resources management	0595
Wildlife conservation	0284

### **GEOSCIENCES**

GLOSCIENCES	
Aeronomy	0367
Atmospheric chemistry	0371
Atmospheric sciences	0725
Biogeochemistry	0425
Biological oceanography	0416
Chemical oceanography	0403
Continental dynamics	0406
Geobiology	0483
0,	
Geochemistry	0996
Geographic information science	
and geodesy	0370
Geology	0372
Geomorphology	0484
Geophysics	0373
Hydrologic sciences	0388
Marine geology	0556
Meteorology	0557
Mineralogy	0411
Paleoclimate science	0653
Paleontology	00000
Petroleum geology	0418
0 0,	
Petrology	0584
Physical geography	0368
Physical oceanography	0415
Planetology	0590
Plate tectonics	0592
Remote sensing	0799
Sedimentary geology	0594
HEALTH AND MEDICAL SC	
Aging	0493
Alternative medicine	0496
Alternative medicine Audiology	0496 0300
Audiology	0300
Audiology Dentistry	0300 0567
Audiology Dentistry Epidemiology	0300 0567 0766
Audiology Dentistry Epidemiology Gerontology	0300 0567 0766 0351
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences	0300 0567 0766 0351 0769 0566
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology	0300 0567 0766 0351 0769 0566 0982
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology	0300 0567 0766 0351 0769 0566 0982 0575
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics	0300 0567 0766 0351 0769 0566 0982 0575 0497
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0564 0347
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380 0354
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational therapy Oncology	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380 0354 0498
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational therapy Oncology Ophthalmology	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380 0354 0498 0992
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0574 0569 0570 0380 0550 0380 0354 0498 0992 0381
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine Pathology	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0564 0347 0569 0570 0380 0354 0498 0992 0381 0499 0571
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine Pathology Pharmaceutical sciences	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0564 0347 0569 0570 0380 0354 0498 0992 0381 0499 0571 0572
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380 0354 0498 0992 0381 0499 0571 0572 0419
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0380 0354 0498 0992 0381 0499 0571 0572 0419 0382
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology Physical therapy Public health	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0354 0498 0922 0381 0499 0571 0572 0419 0382 0573
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Opthalmology Opthalmology Pharmaceutical sciences Pharmacology Physical therapy Public health	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0354 0498 0992 0381 0499 0571 0572 0419 0382 0573 0500
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Opthalmology Opthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology Physical therapy Public health Public health education Speech therapy	0300 0567 0766 0351 0769 0566 0982 0575 0497 0574 0564 0347 0569 0570 0364 0498 092 0381 0499 0571 0572 0419 0572 0419 0572 0419 0573 0500 0460
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Opthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology Physical therapy Public health Public health education Speech therapy Surgery	0300 0567 0766 0351 0769 0576 0575 0497 0574 0564 0347 0569 0570 0384 0498 092 0381 0499 0571 0572 0419 0572 0419 0572 0419 0573 0500 0460 0576
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Ophthalmology Obteopathic medicine Pathology Pharmaceutical sciences Pharmacology Physical therapy Public health Public health education Speech therapy Surgery Toxicology	0300 0567 0766 0351 0769 0576 0497 0574 0564 0347 0569 0570 0380 0354 0498 0570 0381 0499 0571 0572 0381 0499 0571 0572 0419 0572 0419 0572 0419 0572 0419 0572 0419 0573 0500 0460 0576 0383
Audiology Dentistry Epidemiology Gerontology Health care management Health sciences Immunology Kinesiology Medical ethics Medical ethics Medical imaging Medicine Mental health Nursing Nutrition Obstetrics Occupational safety Occupational safety Occupational therapy Oncology Ophthalmology Opthalmology Osteopathic medicine Pathology Pharmaceutical sciences Pharmacology Physical therapy Public health Public health education Speech therapy Surgery	0300 0567 0766 0351 0769 0576 0575 0497 0574 0564 0347 0569 0570 0384 0498 092 0381 0499 0571 0572 0419 0572 0419 0572 0419 0573 0500 0460 0576

# MATHEMATICAL AND

PHYSICAL SCIENCES			
Acoustics	0986		
Analytical chemistry	0486		
Applied mathematics	0364		
Astronomy	0606		
Astrophysics	0596		
Atomic physics	0748		
Chemistry	0485		
Condensed matter physics	0611		
Electromagnetics	0607		
High energy physics	0798		
High temperature physics	0597		
Inorganic chemistry	0488		
Low temperature physics	0598		
Materials science	0794		
Mathematics	0405		
Mechanics	0346		
Molecular chemistry	0431		
Molecular physics	0609		
Nanoscience	0565		
Nuclear chemistry	0738		
Nuclear physics and radiation	0756		
Optics	0752		
Organic chemistry	0490		
Physical chemistry	0494		
Physics	0605		
Plasma physics	0759		
Polymer chemistry	0495		
Quantum physics	0599		
Statistics	0463		
Theoretical mathematics	0642		
Theoretical physics	0753		