

**FORMS & INSTRUCTIONS** for Paper Submission of your Doctoral Dissertation or Master’s Thesis

#### Important Notes

* **If you are reading this, your institution does NOT participate in our *online* submission service.** That means you will provide your submission package to your graduate school or other designated office, and they will deliver it to us.
* Your university or library may have specific policies regarding dissemination of, and access to, your dissertation. You should understand

your institution’s policies clearly before you complete the ProQuest forms and submit your dissertation.

* **You own and retain copyright to your dissertation.** ProQuest only acquires a **non-exclusive** right to distribute your work according to options you choose.
* Most universities hold all submitted dissertations and theses until the end of the semester or quarter, then deliver them to us all at once. Once your manuscript actually arrives at ProQuest, another 6 to 10 weeks are required for processing.
* You can increase the chances of a speedy publishing process by following all instructions, guidelines, and requirements precisely. Use the Submission Checklist. And if you have any questions, call our Author Relations Team at (800) 521-0600 ext. 77020.

#### ProQuest Publishing Agreement Quick Start

1. Read and understand the ProQuest Publishing Agreement. This agreement grants ProQuest the right to reproduce and disseminate your work **according to the choices you make**. This is a non-exclusive right; you may grant others the right to use your dissertation or thesis as well. **You retain your copyright**.
2. Choose your publishing option, Open Access Publishing Plus or Traditional Publishing.
3. Select any necessary embargoes and restrictions. **Note**: your institution may have explicit policies regarding embargoes and restrictions, dissemination and access. Check with your graduate school or its equivalent to be sure you comply with institutional policies.
4. Sign the ProQuest Publishing Agreement. Publication of your work may be delayed or impossible if your signature is missing.

#### Submission Form

##### Personal information

We require a limited amount of personal information to process your submission and provide records to your institution. Provide your name exactly as it appears on the title page of your manuscript. We request your Country of Citizenship because libraries and researchers are often interested in searching for all dissertations published by authors of a given nation or region. We use your personal information solely for publishing and dissemination, and do not sell or supply your personal information to any third party.

##### Degree & Dissertation or Thesis Information

We use this information to create the bibliographic data that **establishes your work in the primary literature.** It is important this information is accurate and corresponds precisely with the information in your manuscript. Discrepancies between the data you provide in this form and your manuscript can delay publication of your work and make it difficult for other researchers to discover it. Please use full and official names when completing the information about your institution and your advisor and committee members.

##### Title Guidelines

* In databases and indices, your title will appear in sentence case regardless of the conventions of your discipline; e.g., "The long and short of it: a sample title."
* 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 "1st"; "delta", not "∆".
* Be sure to include all appropriate accents and diacritical marks.

##### Subject Categories

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

Adding good keywords is another way to increase the chances your work will be discovered. For example, geographic locations or specialized terms that do not occur in your title or abstract can increase exposure of your work.

##### Contact Information

Provide a **future mailing** address and telephone numbers. If there is an issue with your submission and we are not able to reach you, release of your dissertation or thesis and production of any print copies you order will be substantially delayed. Provide a permanent email address such as gmail.

#### Additional Materials

##### Required Permissions

Any necessary co-authorship or copyright permissions must be secured. If you share authorship with anyone else for any part of your dissertation or thesis, you need to acquire their permission to include that content. If any content in your manuscript, including appendices, is already under another copyright, you need to acquire permission from the copyright holder to use that content. All such permissions must accompany your submission. Go online for more information and a sample permission letter: <http://www.proquest.com/go/authorservices>

##### Optional

Supplementary files on digital media. See the website to learn about including multimedia material: <http://www.proquest.com/go/authorservices>

#### Completed Submission Package

All materials should be packaged together and delivered to the appropriate office on your campus. A complete submission package includes:

* + Signed ProQuest Publishing Agreement
  + COMPLETED Submission Form
  + 1 extra copy of your Title Page, identical to the one in your manuscript
  + 1 extra copy of your Abstract, identical to the one in your manuscript
  + Your complete manuscript
  + 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
  + Any supplementary multimedia material on CD/DVD

#### 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)?
* Have you enclosed any payments that you will make directly to us, for the publishing fee and/or copyright registration? Please ensure that whatever form of payment you use will not expire in the 6 months following your submission.
* 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?
* Is the title of your dissertation identical on the submission form, abstract, and title page of your manuscript?
* Have you included any permission letters necessary to use material under another copyright in your manuscript?
* Is your full name **identical** on the submission form, abstract, and title page of your manuscript? If not, we will use the name as it appears on your title page.
* Are the full names of your advisor/committee chair and committee members **identical** on the submission form and in your manuscript’s

front pages?

* 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?
* Are all pages of your manuscript present and appropriately numbered? The most common problem with submissions is missing pages.
* Have you enclosed a payment or provided a credit/debit card number, expiration date, and signature for copies of your dissertation/thesis for your personal use? Please ensure that whatever form of payment you use will not expire in the 6 months following your submission.

### Questions?

<http://www.proquest.com/go/dissertation>

See our website for answers to many questions, and for information about why most universities and colleges in North America require their graduates to submit their dissertations and theses to ProQuest. In the “Authors” section of the website, topical information includes links to the following Guides:

* Preparing Your Manuscript
* ProQuest Subject Categories
* Open Access versus Traditional Publishing
* Embargoes and Restrictions
* Copyright Guide

Our Customer Service Team is available by phone at (800) 521-0600 ext. 77020 or by email at [**disspub@proquest.com**](mailto:disspub@proquest.com)

**Need help selecting a subject heading?** Contact our editors at (800) 521-0600 ext. 74883 (Arts, Business, Education, Social Sciences, and Humanities) or ext. 74881 (Behavior, Natural and Physical Sciences, Mathematics)

**2017-2018 ProQuest Publishing Agreement**



This Agreement is between the author (Author) and ProQuest LLC, through its ProQuest Dissertation Publishing business (formerly ProQuest/UMI). Under this Agreement, Author grants ProQuest certain rights to preserve, archive and publish the dissertation or thesis (the Work), abstract, and index terms provided by Author to ProQuest.

#### Section I. License for Inclusion of the Work in ProQuest Publishing Program

**Grant of Rights.** Author hereby grants to ProQuest the **non- exclusive**, worldwide right to reproduce, distribute, display and transmit the Work (in whole or in part) in such tangible and electronic formats as may be in existence now or developed in the future. Author further grants to ProQuest the right to include the abstract, bibliography and other metadata in the ProQuest Dissertations & Theses (PQDT) database and in ProQuest Dissertation Abstracts International and any successor or related index and/or finding products or services.

**ProQuest Publishing Program—Election and Elements.** The rights granted above shall be exercised according to the publishing option selected by Author in Section III, Author Options, and subject to the following additional Publishing Program requirements:

* Redistribution of the Work. Except as restricted by Author in the publishing option selected, the rights granted by Author automatically include (1) the right to allow sale and distribution of the Work, in whole or in part, by agents and distributors, and

(2) the right to make the Abstract, bibliographic data and any meta data associated with the Work available to search engines and harvesters.

* Restrictions. ProQuest will use commercially reasonable efforts to restrict the distribution of the Work as provided under the publishing option selected by Author or as later elected by Author through direct contact with ProQuest. Such election is subject to Author's Degree Granting Institution Directives (see below). With respect to restrictions requested after submission of the Work, Author acknowledges that ProQuest cannot recall or amend previously distributed versions of the Work.
* Removal of Work from the Program. ProQuest may elect not to distribute the Work if it believes that all necessary rights of third parties have not been secured. Refer to the website <http://www.proquest.com/go/dissertation>for information about copyright and your dissertation or thesis. If Author's degree is rescinded, and/or the degree-granting institution so directs, ProQuest will expunge the Work from its publishing program in accordance with its then current publishing policies.
* Degree Granting Institution Directives. Author is solely responsible for any conflict between policies and directions of Author's degree-granting institution, Author's choice of publishing model, and/or any restriction Author places on the use of the Work. For the avoidance of doubt, ProQuest is not responsible for access to the Work that is provided by Author's degree-granting institution through its library or institutional repository. Author must work directly with Author's degree granting institution to ensure application of any restrictions to access relating to the Work by Author's degree granting institution.

**Copyright and Deposit with the Library of Congress.** At Author's option and upon payment of the applicable fee, ProQuest will

submit an application for registration of **Author's copyright** in the Work in Author's name. In addition, regardless of whether copyright registration of the Work is sought, ProQuest may make a copy of the Work available to the Library of Congress in digital, microform or other format as required by the Library of Congress.

**Publishing Fees and Royalties.** Author shall remit the publishing fees and the optional copyright registration fees as appropriate for the publishing option chosen by Author, and as specified by Author's degree-granting institution. Except as provided under the Traditional Publishing option, no royalties shall be due from ProQuest to Author.

**Delivery of the Work.** Author shall provide to ProQuest the Work and all necessary supporting documents, according to the Instructions accompanying this agreement.

**Rights Verification.** Author represents and warrants that Author is the copyright holder of the Work and has obtained all necessary rights to permit ProQuest to reproduce and distribute third party materials contained in any part of the Work, including all necessary licenses for any non-public, third party software necessary to access, display, and run or print the Work. Author is solely responsible and will indemnify ProQuest for any third party claims related to the Work as submitted for publication.

#### Section II-A. Rights pursuant to Traditional Publishing

Author's election of Traditional as the Type of Publishing confirms Author's choice to have ProQuest publish the Work according to the Traditional Publishing option described below.

* Traditional Publishing**.** ProQuest may exercise the rights granted under Section I above including through the sale of individual copies of the Work in tangible or electronic media and/or as part of electronic database and reference products or services.
* Publishing Fees and Royalties**.** Author's payment of the dissertation or thesis publishing fee is a one-time, up-front fee. Author's institution may assess additional fees to be collected along with the publishing fee. ProQuest will pay royalties of 10% of its net revenue from sales of the Work, conditioned on Author maintaining a current address on record with ProQuest. Royalties will be paid when accrued earned royalties reach

$25.00. If, after 25 years, earned royalties do not accrue to at least $25.00, ProQuest’s royalty payment obligation will cease

#### Section II-B. Rights pursuant to Open Access Publishing Plus

Author's election of Open Access as the Type of Publishing confirms Author's choice to have ProQuest publish the Work according to the Open Access Publishing option described here.

* Open Access Publishing Plus. In addition to the rights granted under Section I of this ProQuest Publishing Agreement, ProQuest may reproduce, distribute, display and transmit the

Work in electronic format in the ProQuest Dissertations & Theses database, where it may be made available for free download. A subset of the ProQuest Dissertations &Theses database may be accessed by the academic community as well as through major search engines and open access harvesters. ProQuest may also provide an electronic copy of the Work to Author's degree-granting institution where it may also be posted for free open access. Learn more:

* Copy Sales. ProQuest and its agents and distributors may offer copies of the Work for sale in tangible media, including but not

limited to microform, print and CD-ROM, as well as electronic format individually or as part of its electronic database and reference products and services. No royalties shall be due to Author.

* Publishing Fees. Author's payment of the additional Open Access fee is a one-time, up-front fee in addition to the ProQuest dissertation or thesis publishing fee. Author's institution may assess additional fees to be collected along with the Open Access and publishing fees.

#### Section III. Publishing Options & Signature

Select the publishing options below that best fit your interests and scholarly publishing obligations.

Traditional Publishing

I want to make my work widely available and I want to be eligible to receive royalties on the sale of my work.

* + I understand that I must maintain a current mailing address with ProQuest in order to be eligible to receive royalties.
  + I understand that the ProQuest **fee for Traditional Publishing is $55 for Masters Theses and $65 for Dissertations**, and that my graduate institution may pay all or a portion of the total fee as well as may require additional fees in association with my submission to ProQuest.

Open Access Publishing Plus

I want the broadest possible dissemination of my work, and I want to provide free global access to the electronic copy of my work via the internet.

* + I understand that I will not be eligible to receive royalties.
  + I understand that the ProQuest **fee for Open Access Publishing Plus is $150 for Masters Theses and $160 for Dissertations**, and that my graduate institution may pay all or a portion of the total fee as well as may require additional fees in association with my submission to ProQuest.

##### Select Publishing Options

I want my work to be available as soon as it is published.

Yes

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

Note: Most institutions have *delayed release (embargo) policies*; please consult with your Graduate School/Program if you need to delay the release of your Work. Access to the full-text of your work will be delayed for the time period specified above, beginning from the date that we receive your manuscript at ProQuest. During this time, only your citation and abstract will appear in the ProQuest Dissertations & Theses database (PQDT).

I want major search engines (e.g. Google, Yahoo) to discover my work.

Yes

No

Learn more: <http://www.proquest.com/go/dissertations-google>

**Acknowledgment**: I have read, understand and agree to this ProQuest Publishing Agreement, including all rights and restrictions included within the publishing option chosen by me as indicated above.

**REQUIRED Author's signature Date (Print Name) Institution conferring degree**

***This page must accompany your manuscript and the rest of the submission materials.***

# Dissertation/Master’s Thesis Submission Form

Please print clearly in block letters

### Personal Information

Last Name First Name

**Please check type of manuscript:**

#### M (Master’s Thesis)

**D (Dissertation)**

Middle Name or

Initial Country(ies) of

Citizenship

### Degree & Dissertation Information

Title of Dissertation/Thesis

Institution conferring degree

Degree awarded (Ph.D., MA)

College, School, or Division

Year degree awarded

Department or Program

Year manuscript completed

Advisor/Committee Chair

Committee Member

Committee Member

Committee Member

Committee Member

Committee Member

Committee Member

Language of manuscript Primary Subject Category: Enter the 4-digit code and category name from Guide

2 that most closely describes the disciplinary area of your research. Code\_

Category

You may suggest two additional subject categories that may aid in the discovery of your work in our digital database.

Code\_

Category

Code\_

Category

Provide up to 6 keywords or short phrases for citation indices, library cataloging, and database searching.

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |

**Current Contact Information** Current Email ramu@latech.edu

Street Address (line 1)

Street Address (line 2)

City

State/Province

Daytime Phone

Country

Postal Code

Evening Phone

**Permanent Contact Information** Permanent E-mail:

Street Address (line 1)

Street Address (line 2)

City

State/Province

Phone

Country

Postal/ZIP code

Alternate Phone

*THIS PAGE MUST ACCOMPANY YOUR MANUSCRIPT AND THE REST OF YOUR SUBMISSION MATERIALS*

*Attach additional, separate copies of your Title Page and Abstract to this form*

**Copyright Registration Form—Optional**

**At ProQuest, we make copyright registration easy by submitting your application to the United States Office of Copyright on your behalf and providing you with the certificate from the Library of Congress.** Registering your copyright via ProQuest is the fastest and most efficient method currently available.

##### How to Take Advantage of Our Copyright Service

Registering with the U.S. Office of Copyright *establishes your claim* to the copyright for your dissertation and *provides certain protections if your copyright is violated.* If you wish, ProQuest will act on your behalf as your agent with the United States Copyright Office and apply for copyright registration as part of the publishing process. We will prepare an application in your name, submit your application fee, deposit the required copy or copies of the manuscript, and mail you the completed certificate of registration from the Library of Congress.

##### To take advantage of this service, please complete the information requested below and return this page along with the rest of your submission documents.

YES; I want ProQuest to handle the application for registration of my claim to copyright, and am providing the necessary information as follows:

The fee for this service is $55.00, including the filing fee set by the U.S. Copyright Office, and is subject to change.

I hereby request and authorize ProQuest to submit an application for registration of my copyright in the Work in my name. I will receive the registration confirmation directly from the U.S. Office of Copyright.

Author’s signature Date

(Indicate one):

I have NOT  previously registered my published dissertation/thesis, or an earlier version of the manuscript with the U.S. Office of Copyright.

I HAVE  previously registered my published dissertation/thesis, or an earlier version of the manuscript with the U.S. Office of Copyright. The previous registration was made by

That registration number is Previous registration number

Institution conferring degree

*PUBLISHING FEE AND COPYRIGHT REGISTRATION FEE* ***must* be paid by check or money order.**

**Check/Money Order payable to: ProQuest LLC**

**And mail to: Author/School Relations, ProQuest, PO Box 1346, Ann Arbor, MI 48106-1346**

*RETURN THIS PAGE WITH THE REST OF YOUR SUBMISSION MATERIALS*

***IF YOU WANT*** *PROQUEST TO FILE YOUR CLAIM TO COPYRIGHT.*

**ProQuest Subject Categories – 2017‐2018 Academic Year**

The ProQuest Dissertations & Theses (PQDT) database and the ProQuest citation indices are arranged by subject categories. Please select the one category below that best describes your field of research or creative work. You may add one or two additional categories on your submission form that will also be associated with your work as secondary subjects.

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

#### AREA, ETHNIC, AND GENDER STUDIES

|  |  |  |  |
| --- | --- | --- | --- |
| **BUSINESS**  Accounting | 0272 | **EDUCATION**  Adult education | 0516 |
| Arts management | 0424 | Art education | 0273 |
| Banking | 0770 | Bilingual education | 0282 |
| Business administration | 0310 | Business education | 0688 |
| Entrepreneurship | 0429 | Community college education | 0275 |
| Finance | 0508 | Continuing education | 0651 |
| Management | 0454 | Curriculum development | 0727 |
| Marketing | 0338 | Early childhood education | 0518 |
| Sports management | 0430 | Education | 0515 |
|  |  | Education finance | 0277 |
| **COMMUNICATIONS AND INFORMATION SCIENCES** | Education history 0520  Education policy 0458  Educational administration 0514 | | |
| Communication | 0459 Educational evaluation 0443 | | |
| Information science | 0723 Educational leadership 0449 | | |
| Journalism | 0391 Educational philosophy 0998 | | |
| Library science | 0399 Educational psychology 0525 | | |
| Mass communication | 0708 Educational sociology 0340 | | |
| Technical communication | 0643 Educational technology 0710 | | |
| Web studies |  | | |

|  |  |
| --- | --- |
| 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 |
| Southeast Asian studies | 0222 |
| Sub Saharan Africa studies | 0639 |
| Women's studies | 0453 |

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

Music history 0208

Music theory 0221

Musical composition 021~~4~~

Musical performances 0943

Performing arts 0641

Theater 0465

Theater history 0644

#### ARCHITECTURE

Architecture 0729

Architectural engineering 0462

Landscape architecture 0390

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 | 0527 |
| School counseling | 0519 |
| Science education | 0714 |
| Secondary education | 0533 |
| Social sciences education | 0534 |
| Special education | 0529 |
| Teacher education | 0530 |
| Vocational education | 0747 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **HISTORY**  African history | 0331 | **LAW AND LEGAL STUDIES**  Alternative dispute resolution | 0649 | **INTERDISCIPLINARY**  Alternative energy | 0363 |
| American history | 0337 | Intellectual property | 0513 | Biographies | 0304 |
| Ancient history | 0579 | International law | 0616 | Climate change | 0404 |
| Asian history | 0332 | Law | 0398 | Cultural resources management | 0436 |
| Black history | 0328 | Law enforcement | 0206 | Disability studies | 0201 |
| Canadian history | 0334 | Patent law | 0562 | Energy | 0791 |
| European history | 0335 |  |  | Food science | 0359 |
| History 0578 **SOCIAL SCIENCES**  History of Oceania 0504 Archaeology 0324  Latin American history 0336 Area planning and development 0341  Medieval history 0581 Commerce‐Business 0505  Middle Eastern history 0333 Criminology 0627  Military history 0722 Cultural anthropology 0326  Modern history 0582 Demography 0938  Russian history 0724 Economic history 0509 | | | | Home economics | 0386 |
| Information technology | 0489 |
| Multimedia communications | 0558 |
| Museum studies | 0730 |
| Sexuality | 0211 |
| Sustainability | 0640 |
| Textile research | 0994 |
| Wood sciences | 0746 |

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Science history | 0585 |
| World history | 0506 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Economic theory | 0511 |
| Economics | 0501 |
| Folklore | 0358 |
| **LANGUAGE AND LITERATURE** | | Forensic anthropology | 0339 |
| African literature | 0316 | Geography | 0366 |
| American literature | 0591 | Individual & family studies | 0628 |
| Ancient languages | 0289 | International relations | 0601 |
| Asian literature | 0305 | Labor economics | 0510 |
| Australian literature | 0356 | Labor relations | 0629 |
| Canadian literature | 0352 | Military studies | 0750 |
| Caribbean literature | 0360 | Organization theory | 0635 |
| Classical literature | 0294 | Organizational behavior | 0703 |
| Comparative literature | 0295 | Peace studies | 0563 |
| Creative writing | 0203 | Physical anthropology | 0327 |
| English literature | 0593 | Political Science | 0615 |
| French literature | 0205 | Public administration | 0617 |
| French Canadian literature | 0355 | Public policy | 0630 |
| German literature | 0311 | Recreation | 0814 |
| Icelandic & Scandinavian literature | 0362 | Social research | 0344 |
| Italian literature | 0220 | Social structure | 0700 |
| Language | 0679 | Social work | 0452 |
| Latin American literature | 0312 | Sociolinguistics | 0636 |
| Linguistics | 0290 | Sociology | 0626 |
| Literature | 0401 | Transportation | 0709 |
| Medieval literature | 0297 | Urban planning | 0999 |
| Middle Eastern literature | 0315 |  |  |
| Modern language | 0291 |  |  |
| Modern literature | 0298 |  |  |
| Rhetoric | 0681 |  |  |
| Romance literature | 0313 |  |  |
| Slavic literature | 0314 |  |  |
| Translation studies | 0213 |  |  |

#### 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 | **ECOSYSTEM SCIENCES**  Ecology | 0329 | **GEOSCIENCES**  Aeronomy | 0367 |
| Agriculture economics | 0503 | Macroecology | 0420 | Atmospheric chemistry | 0371 |
| Agriculture education | 0517 | Paleoecology | 0426 | Atmospheric sciences | 0725 |
| Agriculture engineering | 0539 |  |  | Biogeochemistry | 0425 |
| Agronomy | 0285 **ENGINEERING** Biological oceanography 0416 | | | | |
| Animal diseases | 0476 Aerospace engineering 0538 Chemical oceanography 0403 | | | | |
| Animal sciences | 0475 Artificial intelligence 0800 Continental dynamics 0406 | | | | |
| Aquatic sciences | 0792 Automotive engineering 0540 Geobiology 0483 | | | | |
| Forestry | 0478 Biomedical engineering 0541 Geochemistry 0996 | | | | |
| Horticulture | 0471 Bioengineering 0202 Geographic information science | | | | |
| Plant pathology | 0480 Chemical engineering 0542 and geodesy 0370 | | | | |
| Plant sciences | 0479 Civil engineering 0543 Geology 0372 | | | | |
| Range management | 0777 Computer engineering 0464 Geomorphology 0484 | | | | |
| Soil sciences | 0481 Computer science 0984 Geophysics 0373 | | | | |
| Urban forestry | 0281 Electrical engineering 0544 Hydrologic sciences 0388 | | | | |
| Wildlife management | 0286 Engineering 0537 Marine geology 0556 | | | | |

**BEHAVIORAL SCIENCES**

Behavioral psychology 0384

Behavioral sciences 0602

Clinical psychology 0622

Cognitive psychology 0633

Counseling psychology 0603

Developmental psychology 0620

Experimental psychology 0623

Music therapy 0209

Occupational psychology 0624

Personality psychology 0625

Physiological psychology 0989

Psychobiology 0349

Psychology 0621

Quantitative psychology 0632

Social psychology 0451

#### HEALTH AND MEDICAL SCIENCES

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Geological engineering | 0466 |
| Geophysical engineering | 0467 |
| Geotechnology | 0428 |
| Hydraulic engineering | 0218 |
| 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 |

|  |  |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
| Meteorology | 0557 |
| Mineralogy | 0411 |
| Paleoclimate science | 0653 |
| Paleontology | 0418 |
| Petroleum geology | 0583 |
| Petrology | 0584 |
| Physical geography | 0368 |
| Physical oceanography | 0415 |
| Planetology | 0590 |
| Plate tectonics | 0592 |
| Remote sensing | 0799 |
| Sedimentary geology | 0594 |

Aging 0493

Alternative medicine 0496

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **BIOLOGICAL SCIENCES** |  | **ENVIRONMENTAL SCIENCES** | | Audiology | 0300 |
|  |  |  | | Dentistry | 0567 |
| Biochemistry | 0487 | Conservation biology | 0408 | Epidemiology | 0766 |
| Bioinformatics | 0715 | Environmental economics | 0438 | Gerontology | 0351 |
| Biology | 0306 | Environmental education | 0442 | Health care management | 0769 |
| Biomechanics | 0648 | Environmental engineering | 0775 | Health sciences | 0566 |
| Biophysics | 0786 | Environmental geology | 0407 | Immunology | 0982 |
| Biostatistics | 0308 | Environmental health | 0470 | Kinesiology | 0575 |
| Botany | 0309 | Environmental justice | 0619 | Medical ethics | 0497 |
| Cellular biology | 0379 | Environmental law | 0439 | Medical imaging | 0574 |
| Developmental biology | 0758 | Environmental management | 0474 | Medical personnel | 0207 |
| Endocrinology | 0409 | Environmental philosophy | 0392 | Medicine | 0564 |
| Entomology | 0353 | Environmental science | 0768 | Mental health | 0347 |
| Evolution & development | 0412 | Environmental studies | 0477 | Nursing | 0569 |
| Genetics | 0369 | Land use planning | 0536 | Nutrition | 0570 |
| Histology | 0414 | Natural resource management | 0528 | Obstetrics | 0380 |
| Limnology | 0793 | Water resources management | 0595 | Occupational safety | 0354 |
| Microbiology | 0410 | Wildlife conservation | 0284 | Occupational therapy | 0498 |
| Molecular biology | 0307 |  |  | Oncology | 0992 |
| Morphology | 0287 |  |  | Ophthalmology | 0381 |
| Neurosciences | 0317 |  |  | Optometry | 0210 |
| Parasitology | 0718 |  |  | Osteopathic medicine | 0499 |
| Physiology | 0719 |  |  | Pathology | 0571 |
| Systematic biology | 0423 |  |  | Pharmaceutical sciences | 0572 |
| Veterinary sciences | 0778 |  |  | Pharmacology | 0419 |
| Virology | 0720 |  |  | Physical therapy | 0382 |
| Zoology | 0472 |  |  | Public health | 0573 |
|  |  |  |  | Public health education | 0500 |
|  |  |  |  | Speech therapy | 0460 |
|  |  |  |  | Surgery | 0576 |
|  |  |  |  | Therapy | 0212 |
|  |  |  |  | Toxicology | 0383 |

|  |  |
| --- | --- |
| **MATHEMATICAL AND PHYSICAL SCIENCES** |  |
| Acoustics | 0986 |
| Analytical chemistry | 0486 |
| Applied mathematics | 0364 |
| Applied physics | 0215 |
| Astronomy | 0606 |
| Astrophysics | 0596 |
| Atomic physics | 0748 |
| Chemistry | 0485 |
| Computational chemistry | 0219 |
| Computational physics | 0216 |
| Condensed matter physics | 0611 |
| Electromagnetics | 0607 |
| Fluid mechanics | 0204 |
| 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 |
| Statistical physics | 0217 |
| Thermodynamics | 0348 |
| Theoretical mathematics | 0642 |
| Theoretical physics | 0753 |