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

Section I. License for Inclusion of the Work in UMI® Publishing Program.

Grant of Rights. Author hereby grants to ProQuest/UMI 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/UMI the right to include the abstract, bibliography and other metadata in the ProQuest Dissertations & Theses database (PQDT) and in ProQuest/UMI’s Dissertation Abstracts International and any successor or related index and/or finding products or services.

UMI® 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, including but not limited to commercial retail outlets 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/UMI 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/UMI. 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/UMI cannot recall or amend previously distributed versions of the Work.

- Removal of Work from the Program. ProQuest/UMI 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/products_umi/dissertations/ for information about copyright and your dissertation or thesis. If Author’s degree is rescinded, and the degree-granting institution so directs, ProQuest/UMI 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/UMI 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/UMI 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/UMI 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/UMI to Author.

Delivery of the Work. Author shall provide to ProQuest/UMI the Work and all necessary supporting documents during the online submission process, 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/UMI 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/UMI 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/UMI publish the Work according to the Traditional Publishing option described below.

Traditional Publishing. ProQuest/UMI 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/UMI 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/UMI. 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/UMI’s royalty payment obligation will cease.

Section II-B. Rights pursuant to Open Access Publishing PLUS.
Author’s election of Open Access Publishing PLUS as the Type of Publishing confirms Author's choice to have ProQuest/UMI publish the Work according to the Open Access Publishing PLUS option described here.

Open Access Publishing PLUS. In addition to the rights granted under Section I of this UMI® Publishing Agreement, ProQuest/UMI 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, currently known as PQDT Open, may be accessed by the academic community as well as through major search engines and open access harvesters. ProQuest/UMI 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: http://www.proquest.com/en-US/products/dissertations/epoa.shtml

Copy Sales. ProQuest/UMI 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 in electronic format either 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 Publishing PLUS fee is a one-time, up-front fee in addition to the UMI® dissertation or thesis publishing fee. Author’s institution may assess additional fees to be collected along with the Open Access and publishing fee.

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/UMI in order to be eligible to receive royalties.

☒ I understand that the ProQuest/UMI fee for Traditional Publishing is $25 for Master's thesis and $25 for Doctoral dissertations.

☒ I understand 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/UMI.

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/UMI fee for Open Access Publishing PLUS of Master’s thesis is $120 and for Dissertations is $120, 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/UMI.

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/UMI. 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, etc…) to discover my work. Learn more: http://www.proquest.com/en-US/products/dissertations/google.shtml

☒ Yes

☐ No

I want my graduate work to be sold by third party retailers in addition to ProQuest/UMI. (Note: If Traditional Publishing is chosen above, all sales are eligible to accrue royalties.)

☒ Yes

☐ No

Acknowledgment: I have read, understand and agree to this UMI® 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 __________________________________________________________________________________

Questions: Our Author Relations Team is available by phone at (800) 521-0600 ext. 7020 or by email at disspub@proquest.com

Need help selecting a subject heading? Contact our editors at (800)-521-0600 ext. 4883 (Social Sciences/Humanities) or ext. 2209(Sciences/Engineering)
Dissertation/Master’s Thesis Submission Form

Please print clearly in block letters

**Personal Information**

Last Name: MOHAMMADI-ARAGHI
First Name: MAHNAS

Middle Name or Initial: JEAN
Country (ies) of Citizenship: USA

**Degree & Dissertation Information**

Title of Dissertation/Thesis: Characterizing Student Attention in Technology-Infused Classrooms Using Real-Time Active Window Data

Institution conferring degree: VIRGINIA TECH
Degree awarded (abbreviate; e.g., Ph.D.): Ph.D.

College, School, or Division: ENGINEERING
Degree awarded: 2013
Year degree awarded: 2013

Department or Program: ENGINEERING EDUCATION
Year manuscript completed: 2013

Advisor/Committee Chair: CHRISTOPHER WILLIAMS

Committee Member: ADITYA JOHRI
Committee Member: VINOD LOHANI
Committee Member: JOSEPH TRONT

Language of manuscript: English

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: 0537 Category: ENGINEERING

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

Code: 0710 Category: EDUCATIONAL TECHNOLOGY
Code: 0984 Category: COMPUTER SCIENCE

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

Keywords: Engineering Education, Computer Use, Electronic Monitoring, Classroom Technology, Learning Technology

**Current Contact Information**

Current Email Address: mjm@vt.edu

Street Address (line 1): 705 S Main St
Apt A3
City: Blacksburg
State/Province: VA
Postal Code: 24060
Daytime Phone: 662-648-9944
Country: USA
Evening Phone: 

**Permanent Contact Information**

Permanent Email Address: mjm@vt.edu

Street Address (line 1): 2007 HICKORY ST

City: STARKVILLE
State/Province: MS
Postal/ZIP code: 33759
Future Phone: 662-648-9944
Country: USA
Alternate Future Phone: 

**Please check type of manuscript**

M (Master’s Thesis)
D (Dissertation)

**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
Guide 2: Subject Categories
The ProQuest Dissertations and Theses (PQDT) database and the ProQuest/UMI 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
- 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
- GLBT studies 0492
- Hispanic American studies 0737
- Holocaust studies 0507
- Islamic culture 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

#### BUSINESS
- Accounting 0272
- Arts management 0424
- Banking 0770
- Business 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
- Film studies 0900
- Fine arts 0357
- Music 0413
- Performing arts 0641
- Theater 0465
- Theater history 0644

#### EDUCATION
- Adult education 0516
- Art education 0273
- Bilingual education 0282
- Business education 0688
- Community college education 0275
- Continuing education 0651
- Curriculum development 0727
- Early childhood education 0518
- Education 0515
- Education finance 0277
- Education policy 0458
- Educational administration 0514
- Educational evaluation 0443
- Educational leadership 0449
- Educational psychology 0525
- Educational technology 0710
- Educational tests & measurements 0288
- Elementary education 0524
- English as a second language 0441
- Foreign language instruction 0444
- Gifted education 0445
- Health education 0680
- Higher education 0745
- Higher education administration 0446
- History of education 0520
- 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
- Philosophy of education 0998
- Physical education 0523
- Reading instruction 0535
- Religious education 0527
- School counseling 0519
- Science education 0714
- Secondary education 0533
- Social sciences education 0534
- Sociology of education 0340
- Special education 0529
- Teacher education 0530
- Vocational education 0747
<table>
<thead>
<tr>
<th><strong>HUMANITIES</strong></th>
<th><strong>LAW AND LEGAL STUDIES</strong></th>
<th><strong>INTERDISCIPLINARY</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HISTORY</strong></td>
<td>Alternative dispute resolution 0649</td>
<td>Alternative energy 0363</td>
</tr>
<tr>
<td>African history 0331</td>
<td>Intellectual property 0513</td>
<td>Biographies 0304</td>
</tr>
<tr>
<td>American history 0337</td>
<td>International law 0616</td>
<td>Climate change 0404</td>
</tr>
<tr>
<td>Ancient history 0579</td>
<td>Law 0398</td>
<td>Cultural resources management 0436</td>
</tr>
<tr>
<td>Asian history 0332</td>
<td>Patent law 0562</td>
<td>Energy 0791</td>
</tr>
<tr>
<td>Black history 0328</td>
<td></td>
<td>Food science 0359</td>
</tr>
<tr>
<td>Canadian history 0334</td>
<td></td>
<td>Home economics 0386</td>
</tr>
<tr>
<td>European history 0335</td>
<td></td>
<td>Information technology 0489</td>
</tr>
<tr>
<td>History 0578</td>
<td></td>
<td>Multimedia 0558</td>
</tr>
<tr>
<td>History of Oceania 0504</td>
<td></td>
<td>Museum studies 0730</td>
</tr>
<tr>
<td>History of science 0585</td>
<td></td>
<td>Sustainability 0640</td>
</tr>
<tr>
<td>Latin American history 0336</td>
<td></td>
<td>Textile research 0994</td>
</tr>
<tr>
<td>Medieval history 0581</td>
<td></td>
<td>Wood sciences 0746</td>
</tr>
<tr>
<td>Middle Eastern history 0333</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Military history 0722</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modern history 0582</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Russian history 0724</td>
<td></td>
<td></td>
</tr>
<tr>
<td>World history 0506</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LANGUAGE &amp; LITERATURE</strong></td>
<td><strong>SOCIAL SCIENCES</strong></td>
<td>**</td>
</tr>
<tr>
<td>African literature 0316</td>
<td>Archaeology 0324</td>
<td>**</td>
</tr>
<tr>
<td>American literature 0591</td>
<td>Area planning and development 0341</td>
<td>**</td>
</tr>
<tr>
<td>Ancient languages 0289</td>
<td>Criminology 0627</td>
<td>**</td>
</tr>
<tr>
<td>Asian literature 0305</td>
<td>Cultural anthropology 0326</td>
<td>**</td>
</tr>
<tr>
<td>Canadian literature 0352</td>
<td>Demography 0938</td>
<td>**</td>
</tr>
<tr>
<td>Caribbean literature 0360</td>
<td>Economic history 0509</td>
<td>**</td>
</tr>
<tr>
<td>Classical literature 0294</td>
<td>Economic theory 0511</td>
<td>**</td>
</tr>
<tr>
<td>Comparative literature 0295</td>
<td>Economics 0501</td>
<td>**</td>
</tr>
<tr>
<td>English literature 0593</td>
<td>Economics, Commerce-Business 0505</td>
<td>**</td>
</tr>
<tr>
<td>French Canadian literature 0355</td>
<td>Economics, Labor 0510</td>
<td>**</td>
</tr>
<tr>
<td>Germanic literature 0311</td>
<td>Folklore 0358</td>
<td>**</td>
</tr>
<tr>
<td>Icelandic &amp; Scandinavian literature 0362</td>
<td>Forensic anthropology 0339</td>
<td>**</td>
</tr>
<tr>
<td>Language 0679</td>
<td>Geography 0366</td>
<td>**</td>
</tr>
<tr>
<td>Latin American literature 0312</td>
<td>Individual &amp; family studies 0628</td>
<td>**</td>
</tr>
<tr>
<td>Linguistics 0290</td>
<td>International relations 0601</td>
<td>**</td>
</tr>
<tr>
<td>Literature 0401</td>
<td>Labor relations 0629</td>
<td>**</td>
</tr>
<tr>
<td>Literature of Oceania 0356</td>
<td>Military studies 0750</td>
<td>**</td>
</tr>
<tr>
<td>Medieval literature 0297</td>
<td>Organization theory 0635</td>
<td>**</td>
</tr>
<tr>
<td>Middle Eastern literature 0315</td>
<td>Organizational behavior 0703</td>
<td>**</td>
</tr>
<tr>
<td>Modern language 0291</td>
<td>Peace studies 0563</td>
<td>**</td>
</tr>
<tr>
<td>Modern literature 0298</td>
<td>Physical anthropology 0327</td>
<td>**</td>
</tr>
<tr>
<td>Rhetoric 0681</td>
<td>Political Science 0615</td>
<td>**</td>
</tr>
<tr>
<td>Romance literature 0313</td>
<td>Public administration 0617</td>
<td>**</td>
</tr>
<tr>
<td>Slavic literature 0314</td>
<td>Public policy 0630</td>
<td>**</td>
</tr>
<tr>
<td><strong>PHILOSOPHY AND RELIGION</strong></td>
<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Aesthetics 0650</td>
<td>Recreation and tourism 0814</td>
<td>**</td>
</tr>
<tr>
<td>Biblical studies 0321</td>
<td>Social research 0344</td>
<td>**</td>
</tr>
<tr>
<td>Canon law 0375</td>
<td>Social structure 0700</td>
<td>**</td>
</tr>
<tr>
<td>Clerical studies 0319</td>
<td>Social work 0452</td>
<td>**</td>
</tr>
<tr>
<td>Comparative religion 0618</td>
<td>Sociolinguistics 0636</td>
<td>**</td>
</tr>
<tr>
<td>Divinity 0376</td>
<td>Sociology 0626</td>
<td>**</td>
</tr>
<tr>
<td>Epistemology 0393</td>
<td>Transportation planning 0709</td>
<td>**</td>
</tr>
<tr>
<td>Ethics 0394</td>
<td>Urban planning 0999</td>
<td>**</td>
</tr>
<tr>
<td>Logic 0395</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metaphysics 0396</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pastoral counseling 0397</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy 0422</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy of Religion 0322</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Philosophy of science 0402</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religion 0318</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Religious history 0320</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spirituality 0647</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Theology 0469</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### AGRICULTURE
- Agriculture: 0473
- Agriculture economics: 0503
- Agronomy: 0285
- Animal diseases: 0476
- Animal sciences: 0475
- Fisheries and 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

### ARCHITECTURE
- Architecture: 0729
- Architectural engineering: 0462
- Landscape architecture: 0390

### BEHAVIORAL SCIENCES
- Animal behavior: 0602
- Behavioral sciences: 0384
- Clinical 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 and psychometrics: 0632
- Social psychology: 0451

### BIOLOGICAL SCIENCES
- Biochemistry: 0487
- Bioinformatics: 0715
- Biology: 0306
- Biomechanics: 0648
- Biophysics: 0786
- Biostatistics: 0308
- 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
- Plant biology: 0309
- Systematic biology: 0423
- Virology: 0720
- Zoology: 0472

### ECOSYSTEM SCIENCES
- Ecology: 0329
- Macroeconomics: 0420
- Paleoclimatology: 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
- Geophysical engineering: 0466
- Geotechnical engineering: 0428
- Industrial engineering: 0546
- Mechanical engineering: 0548
- Mining engineering: 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
- Materials Science: 0794

### GEOSCIENCES
- Aeronomy: 0367
- Atmospheric chemistry: 0371
- Atmospheric sciences: 0725
- Biogeochemistry: 0425
- Biological oceanography: 0416
- Chemical oceanography: 0403
- Continental dynamics: 0406
- Geobiology: 0483
- 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: 0418
- Petroleum geology: 0583
- Petrology: 0584
- Physical geography: 0368
- Physical oceanography: 0415
- Planetology: 0590
- Plate tectonics: 0592
- Remote sensing: 0799
- Sedimentary geology: 0594

### HEALTH AND MEDICAL SCIENCES
- Aging: 0493
- Alternative medicine: 0496
- Audiology: 0300
- Dentistry: 0567
- Epidemiology: 0766
- Gerontology: 0351
- Health care management: 0769
- Health sciences: 0566
- Immunology: 0982
- Kinesiology: 0575
- Medical ethics: 0497
- Medical imaging and radiology: 0574
- Medicine: 0564
- Mental health: 0347
- Nursing: 0569
- Nutrition: 0570
- Obstetrics and gynecology: 0380
- Occupational health: 0354
- Occupational therapy: 0498
- Oncology: 0992
- Ophthalmology: 0381
- Osteopathic medicine: 0499
- Pathology: 0571
- Pharmaceutical sciences: 0572
- Pharmacology: 0419
- Physical therapy: 0382
- Public health: 0573
- Public health occupations education: 0500
- Speech therapy: 0460
- Surgery: 0576
- Toxicology: 0383
- Veterinary medicine: 0778
<table>
<thead>
<tr>
<th>Subject Category</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustics</td>
<td>0986</td>
</tr>
<tr>
<td>Analytical chemistry</td>
<td>0486</td>
</tr>
<tr>
<td>Applied mathematics</td>
<td>0364</td>
</tr>
<tr>
<td>Astronomy</td>
<td>0606</td>
</tr>
<tr>
<td>Astrophysics</td>
<td>0596</td>
</tr>
<tr>
<td>Atomic physics</td>
<td>0748</td>
</tr>
<tr>
<td>Chemistry</td>
<td>0485</td>
</tr>
<tr>
<td>Condensed matter physics</td>
<td>0611</td>
</tr>
<tr>
<td>Electromagnetics</td>
<td>0607</td>
</tr>
<tr>
<td>High temperature physics</td>
<td>0597</td>
</tr>
<tr>
<td>Inorganic chemistry</td>
<td>0488</td>
</tr>
<tr>
<td>Low temperature physics</td>
<td>0598</td>
</tr>
<tr>
<td>Materials science</td>
<td>0794</td>
</tr>
<tr>
<td>Mathematics</td>
<td>0405</td>
</tr>
<tr>
<td>Mechanics</td>
<td>0346</td>
</tr>
<tr>
<td>Molecular chemistry</td>
<td>0431</td>
</tr>
<tr>
<td>Molecular physics</td>
<td>0609</td>
</tr>
<tr>
<td>Nanoscience</td>
<td>0565</td>
</tr>
<tr>
<td>Nuclear chemistry</td>
<td>0738</td>
</tr>
<tr>
<td>Nuclear physics</td>
<td>0756</td>
</tr>
<tr>
<td>Optics</td>
<td>0752</td>
</tr>
<tr>
<td>Organic chemistry</td>
<td>0490</td>
</tr>
<tr>
<td>Particle physics</td>
<td>0798</td>
</tr>
<tr>
<td>Physical chemistry</td>
<td>0494</td>
</tr>
<tr>
<td>Physics</td>
<td>0605</td>
</tr>
<tr>
<td>Plasma physics</td>
<td>0759</td>
</tr>
<tr>
<td>Polymer chemistry</td>
<td>0495</td>
</tr>
<tr>
<td>Quantum physics</td>
<td>0599</td>
</tr>
<tr>
<td>Statistics</td>
<td>0463</td>
</tr>
<tr>
<td>Theoretical mathematics</td>
<td>0642</td>
</tr>
<tr>
<td>Theoretical physics</td>
<td>0753</td>
</tr>
</tbody>
</table>